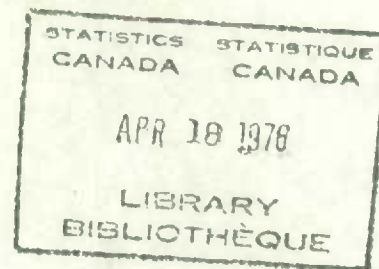


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DOMINION BUREAU OF STATISTICS

Industry Division



# MANUFACTURING INDUSTRIES OF CANADA

Section A

SUMMARY FOR CANADA

1961

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## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1961, are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level, and clerical employees. Working owners and partners are also included in this category but will be shown separately in subsequent years.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, handling, warehousing and delivery staff. Employees on new construction work, in retail or wholesale operations, on outside piece work, etc., are not included.





Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### **Salaries and Wages**

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included with salaries, but will be shown separately in subsequent years. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### **Cost of Fuel and Electricity**

Figures for fuel refer to amounts actually used (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the establishment including freight, duty, etc.

### **Materials and Supplies Used**

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants or reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### **Factory Shipments**

Factory shipments generally refer to shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishment for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### **Inventories**

Values represent the book value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

### **Value added by Manufacturing**

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.<sup>1</sup>

### **Standard Industrial Classification**

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.



### Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.





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# MANUFACTURING INDUSTRIES OF CANADA

## Section A

### SUMMARY FOR CANADA

1961

#### CHANGES IN CLASSIFICATION AND CONCEPT

The statistics contained in the 1960 report reflected the implementation of the revised Standard Industrial Classification which provides for a breakdown of the manufacturing universe into 140 industries arranged in 20 major groups. This compared with 135 industries in 17 major groups in the old classification system which was used in the compilations for the years 1949 to 1959 inclusive. The revised classification incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade.

The revised classification introduced in last year's report brought about substantial changes in a number of industries because of the shifting of establishments from one industry to another, or because of regrouping of establishments into different industry classes. Many industries remained substantially unchanged. A description of the principal changes was given in the 1960 report. In order to provide comparability of data for recent years, the 1960 report also contained principal statistics on the revised basis for major industry groups of the new classification and totals by province for years back to 1957.

The present report for 1961 reflects a conceptual change which will result in an additional break in continuity. This change is an essential part of a programme aimed at improving the quality and consistency of industry statistics while at the same time facilitating reporting of the data. The differences in the 1961 statistics are the result of a change in the definition of the reporting unit (establishment) in the Census of Manufactures. The new definition, together with the principal changes that resulted from its implementation, is described under "Establishment" in the Explanatory Notes at the beginning of this report. Where continuity of industry statistics was affected by these changes, adjustments to the data were made back to 1957 in order to maintain continuity of the series for recent years. The statistics in this report thus supersede those contained in the 1960 publication for the period 1957-60 and reflect both the change in classification implemented in the 1960 census and the change in concept introduced in the 1961 census.

In addition to the changes described in the Explanatory Notes and other changes in valuation, it should be noted that the two new industries—Poultry Processors and Dental Laboratories—introduced for the first time in the 1960 compilations, (see reconciliation table on page 10 of the 1960 report) were removed from the statistics contained in this report in order to provide comparability over the whole period 1957-61. These industries were included in the 1960 and 1961 censuses in accordance with the revised Standard Industrial Classification but did not represent "new" production. They will be re-introduced in the revised 1961 statistics to be released in the 1962 Census of Manufactures reports and will form part of the regular compilations thereafter. Two other groups of establishments that were surveyed for the first time in the 1960 census were treated in the same manner—book publishers (part of the Publishing Only industry) and electro-plating establishments (part of the Metal Stamping, Pressing and Coating industry). These also represented a break in continuity in the statistics of the industries involved and necessitated adjustments to the 1960 data.

In order to indicate the magnitude of all the changes described above resulting from the introduction of the new concept in the 1961 census, the following table shows the original and revised figures for 1960 for number of establishments and value of shipments at the provincial and major industry group levels. Since the 1961 Census of Manufactures was collected and compiled on the basis of the new concept only, no figures are, therefore, available to show what the results for 1961 would have been had they also been compiled on the old basis. For this reason the comparisons between the results on the old and new concepts can only be made for the years 1957-1960 which are available on both basis.

Some of the major differences in the industry group series result from the following adjustments:

In the case of the Food and Beverage Industries, the difference of \$212 million resulted mainly from the removal of the Poultry Processors industry from the 1960 compilations, as described earlier (\$119 million) and the transfer of several hundred feed reports from the manufacturing universe to





non-manufacturing industries. Most of the feed establishments were found to be principally engaged in trade and, in line with the new establishment concept (see Explanatory Notes), were removed from the basic manufacturing industry statistics.

The difference of \$61 million in the Wood Industries total resulted mainly from the transfer of a large number of sawmills out of manufacturing to other industries and a change from a value of production basis (lumber sawn by contract was given full value) to a value of shipments basis (revenue only for contract sawing). Another reason was the consolidation of reports in the same area for the same company into a combined report where company records do not permit satisfactory reporting of different operations, such as sawmilling and planing, in separate questionnaires as was the practice in the past.

In the Petroleum and Coal Products industry the main factor in the difference of \$48 million in the value of shipments was the treatment of prod-

ucts made for own use (mostly fuel oil) in petroleum refineries. Previously, these products were valued and added to the value of products made for sale and also included as part of fuels consumed, thus inflating the value of both inputs and outputs of the industry. In the new approach, such products made for internal use are removed from the compilations so that the shipments from each establishment will reflect outward movement of goods.

The difference of \$27 million in the Miscellaneous Manufacturing Industries is accounted for partly by the removal from the 1960 figures of Dental Laboratories (\$12 million) as described earlier.

The differences of \$20 million in both the Printing and Publishing and Metal Fabricating industries are principally the result of removing book publishers and electroplating establishments (\$16 million and \$14 million, respectively) from the 1960 statistics as noted above.

	Number of establishments			Selling value of factory shipments, 1960		
	Original <sup>1</sup>	Revised <sup>2</sup>	Difference	Original <sup>1</sup>	Revised <sup>2</sup>	Difference
	number			dollars		
<b>Provinces:</b>						
Newfoundland .....	635	396	- 239	129,284,578	126,980,575	- 2,304,003
Prince Edward Island .....	184	154	- 30	30,231,361	28,414,952	- 1,816,409
Nova Scotia .....	1,278	1,039	- 239	406,182,088	387,868,633	- 18,313,455
New Brunswick .....	901	768	- 133	377,110,146	369,107,808	- 8,002,338
Quebec .....	11,961	11,093	- 868	7,206,096,003	7,075,504,794	- 130,591,209
Ontario .....	13,387	12,090	- 1,297	11,685,675,652	11,479,327,327	- 206,348,325
Manitoba .....	1,592	1,414	- 178	738,457,346	711,218,538	- 27,238,808
Saskatchewan .....	887	682	- 205	344,773,261	329,944,928	- 14,828,333
Alberta .....	1,848	1,586	- 262	889,657,800	859,966,254	- 29,691,546
British Columbia .....	3,995	3,616	- 379	1,936,917,630	1,908,542,596	- 28,375,034
Yukon and Northwest Territories .....	14	14		3,071,218	2,927,723	- 143,495
<b>Canada .....</b>	<b>36,682</b>	<b>32,852</b>	<b>- 3,830</b>	<b>23,747,457,083</b>	<b>23,279,804,128</b>	<b>- 467,652,955</b>
<b>Industry groups (Revised Classification):</b>						
Food and beverage industries .....	8,488	7,598	- 890	4,880,293,652	4,668,363,133	- 211,930,519
Tobacco products industries .....	40	39	- 1	334,413,635	334,369,583	- 44,052
Rubber industries .....	92	89	- 3	323,053,118	328,459,312	+ 5,406,194
Leather industries .....	608	580	- 28	268,114,309	265,667,310	- 2,446,999
Textile industries .....	924	886	- 38	810,522,933	795,930,026	- 14,592,907
Knitting mills .....	362	356	- 6	198,159,994	199,566,156	+ 1,406,162
Clothing industries .....	2,391	2,306	- 85	770,468,489	762,967,070	- 7,501,419
Wood industries .....	7,490	5,730	- 1,760	1,068,041,527	1,007,333,001	- 60,708,526
Furniture and fixture industries .....	2,099	2,070	- 29	347,980,824	341,989,146	- 5,991,678
Paper and allied industries .....	581	565	- 16	2,128,107,197	2,125,894,577	- 2,212,520
Printing, publishing and allied industries .....	3,462	3,410	- 52	865,930,729	845,827,676	- 20,103,053
Primary metal industries .....	418	404	- 14	2,742,520,031	2,728,773,897	- 13,746,134
Metal fabricating industries .....	2,896	2,756	- 140	1,432,904,803	1,412,484,773	- 20,420,030
Machinery industries .....	533	519	- 14	642,458,967	637,673,848	- 4,785,119
Transportation equipment industries .....	687	677	- 10	2,000,689,246	1,999,758,033	- 931,213
Electrical products industries .....	548	536	- 12	1,175,966,233	1,165,736,538	- 10,229,695
Non-metallic mineral products .....	1,331	1,296	- 35	647,461,580	639,089,796	- 8,371,784
Petroleum and coal products .....	96	91	- 5	1,197,967,758	1,150,421,636	- 47,546,122
Chemical and chemical products .....	1,143	1,063	- 80	1,373,466,548	1,357,688,488	- 15,778,060
Miscellaneous manufacturing industries ..	2,493	1,881	- 612	538,935,510	511,810,029	- 27,125,481

<sup>1</sup> As published in the 1960 report.

<sup>2</sup> As revised in the present (1961) report.





## GENERAL REVIEW, 1961

The recovery in manufacturing production that took place during 1959 was maintained more or less in 1960. This was followed by a year of increased activity which produced an increase of 2.5 p.c. in the volume of manufactured goods produced. In 1961, the value of factory shipments amounted to \$24,243,294,949 and the value added by manufacture to \$10,682,137,680, both the highest on record. The physical volume of production which stood at 153.0 p.c. was also the highest on record, and exceeded by 2.8 p.c. the previous high attained in 1959. Salaries and wages at \$5,231,446,969 which were 1.5 p.c. higher than in the previous year were also at the highest level in the history of manufacturing production. In spite of an increase of 2.5 p.c. in the volume of production in 1961, the number of employees at 1,264,946 was 0.8 p.c. lower than in the previous year. This follows the trend in recent years for the same volume of output to be produced with fewer employees. The physical volume of manufactures produced increased by 53 p.c. in the 1949-61 period while the number of persons employed increased by only 8 p.c. The higher salaries and wages paid in 1961 resulted from the continuing advance in earnings, a trend common to all sectors of the economy. It should be noted also that the addition of about 368,000 persons to the population in 1961 supplemented labour income and had a stimulating influence on the output of the consumer goods industries.

Of tremendous importance in sustaining the high level of production in 1961 was the continued high spending on capital goods, such as construction and machinery and equipment of all kinds. Investment in capital goods amounted to \$8,172,000,000 in 1961, a decrease of \$90,000,000 from the previous year. Of the total spent \$5,518,000,000 was for construction and \$2,654,000,000 for machinery and equipment. Spending for construction was \$65,000,000 higher while for machinery and equipment it was \$155,000,000 lower. The high level of construction and an increase in the exports of timber and lumber is reflected in increases of 2.6 p.c. in the volume output of the wood industries and 4.4 p.c. in non-metallic mineral products.

Export demand for Canadian manufactured products was also a strong factor in stimulating the high level of production in 1961. Exports of fabricated materials advanced from \$2,874,300,000 in 1960 to \$2,916,400,000 in 1961, an increase of 1.5 p.c. Substantial improvements were shown in the amounts of timber and lumber, wood pulp, newsprint, whiskey, nickel, fertilizers, aircraft, lead and lead products, non-farm machinery and synthetic plastics going abroad, but at the same time declines occurred in such major export items as shingles, veneer and plywood, wheat flour, farm implements and machinery, aluminum and its products, copper and its products, zinc, automobiles and parts, artificial abrasives, synthetic rubber and plastics and uranium ores and concentrates.

As already mentioned, the physical volume of production for manufacturing as a whole reached an all-time high of 153.0 in 1961. Between 1960 and 1961 the volume of non-durable or consumer goods produced increased 3.4 p.c. while the volume of durable goods advanced only 1.4 p.c. Since the end of the Second World War production of the non-durable goods industries experienced an almost uninterrupted expansion, but recorded an increase in volume of only 54 p.c. between 1946 and 1956 while durable goods increased 92 p.c. in the same period. The gap between the two sectors was narrowed in the years 1957 to 1961, so that for the whole period 1946-61 durable goods expanded 86 p.c. and non-durable goods 75 p.c.

All industries producing non-durable goods, with the exception of the clothing and knitting mills group, reported increased volume in 1961. The greatest increase in volume of 11.2 p.c. was attained by the miscellaneous industries group. This was followed by leather products with an increase of 10.7 p.c., textiles 9.9 p.c., tobacco and tobacco products 6.4 p.c., paper products 3.4 p.c., products of petroleum and coal 3.3 p.c., foods 2.8 p.c., beverages 2.1 p.c., rubber and rubber products 1.7 p.c., printing, publishing and allied industries 1.1 p.c. and chemicals and allied products 1.1 p.c. Volume output of clothing factories and knitting mills declined 0.7 p.c. The significant feature in 1961 was the upsurge in the output of leather products and textiles. These two groups which were operating during the previous few years at comparatively low levels materially bettered their position during 1961. The clothing and knitting industries, however, still have the smallest increase in volume since 1949 in both the non-durable and durable goods sectors.

In the durable goods sector the trend in 1961 was mixed. Four of the groups reported increases and two declines. Of the groups reporting increased volume non-metallic mineral products had the highest increase of 4.4 p.c., followed by wood products with 2.6 p.c., iron and steel products 1.5 p.c. and electrical apparatus and supplies 1.3 p.c. The output of non-ferrous metal products dropped 0.5 p.c. and transportation equipment 0.2 p.c.

The level of manufacturing activity in 1961, as measured by the number of persons employed, was lower in all provinces, except Newfoundland, Prince Edward Island and New Brunswick. The greatest increase of 6.2 p.c. was reported by Newfoundland, followed by an increase of 3.2 p.c. in Prince Edward Island and 1.5 p.c. in New Brunswick. The greatest loss in employment was suffered by Nova Scotia with a drop of 4.2 p.c. This was followed by British Columbia with a drop of 1.4 p.c., Quebec 1.3 p.c., Saskatchewan 1.0 p.c., Ontario 0.5 p.c., Alberta 0.3 p.c. and Manitoba 0.2 p.c. Perhaps the most outstanding feature in 1961 was the reversal of the trend of manufacturing em-





ployment in Saskatchewan which after three successive years of increases reported the third highest decline in employment in 1961 of 1.0 p.c.

Ontario which is recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Despite the great industrial progress made by other provinces, Ontario continues to maintain its predominance, and in 1961 accounted for 49.3 p.c. of the total value of factory shipments. Quebec with 30.2 p.c. of the total shipments ranks as the second largest industrial province, while British Columbia with 8.1 p.c. of the total ranks third. Ontario as the leading producer of durable goods experiences wider fluctuations in production than other provinces since durable goods are more affected by swings in the business cycle than the production of non-durable or consumer goods which are more stable. For this reason Ontario's share of the total goes up when production generally expands and declines when output drops.

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 26 p.c. of the value of all goods and services produced, and also ranks 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 of 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 assessment 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, particularly 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 almost 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.

The tremendous development which has taken place in Canadian manufacturing since the end of the Second World War is illustrated in the tables





which follow this review. Between 1946 and 1961 the physical volume of manufactured products increased a remarkable 79.6 p.c. Part of this advance resulted from an increased demand abroad for Canadian manufactured goods, part to the demands made on Canadian industry as a result of expansion in the economy during the 15-year period, and part to the increase in the standard of living of the Canadian people. The increase of 85.7 p.c. in the output of durable goods consisting extensively of building materials, machinery and equipment of all kinds reveals the extent of the contribution made by Canadian industry to the substantial expansion in the productive capacity of the country. Non-durable goods during the same period increased by 74.8 p.c.

With only two exceptions, all groups in both the durable and non-durable sectors recorded marked advances in volume of output since 1946. The exceptions were clothing, including knitting mills which advanced only 12.4 p.c. and leather products which remained practically unchanged. In the durable goods sector the most striking advance was made by the non-metallic mineral products group with an increase of 205.8 p.c. This was followed by electrical apparatus and supplies 169.7 p.c., non-ferrous metal products 80.4 p.c., iron and steel products 72.5 p.c., transportation equipment 61.0 p.c. and wood products 60.8 p.c.

In the non-durable goods sector the greatest advance was made by the products of petroleum and coal group which recorded a gain of 248.3 p.c. This was the highest increase of any group in either sector. Miscellaneous industries with an increase of 165.6 p.c. came second, followed by chemicals and allied products 155.3 p.c., tobacco and tobacco products 113.7 p.c., beverages 99.0 p.c., printing, publishing and allied industries 92.7 p.c., paper products 89.4 p.c., rubber and rubber products 62.8

p.c., textiles 51.7 p.c., foods 46.8 p.c. and clothing, including knitting mills 12.4 p.c. The output of the leather products group declined 0.2 p.c.

Manufacturing establishments reporting in 1961 numbered 32,415. Of these 338 were located in Newfoundland, 156 in Prince Edward Island, 1,002 in Nova Scotia, 708 in New Brunswick, 10,955 in Quebec, 12,081 in Ontario, 1,416 in Manitoba, 675 in Saskatchewan, 1,569 in Alberta, 3,502 in British Columbia and 13 in the Yukon and Northwest Territories. These plants furnished employment to 1,264,946 persons who received \$5,231,446,969 in salaries and wages. They also shipped goods with a selling value at the factory of \$24,243,294,949 and spent \$13,127,707,976 for materials, while the value added by manufacture totalled \$10,682,137,680.

With the change-over to a shipments basis in 1952 value of production figures are not now being reported by manufacturing establishments. They now report the value of their shipments which must be converted to a value of products basis in order to calculate value added. The formula used is "value of shipments plus closing inventory less opening inventory of finished goods and goods in process equals value of products made".

As the Census of Industry schedules for 1952 and 1953 did not contain data for opening and closing inventories, no calculations can be made directly for value of production. For these two years, therefore, the value added is obtained by subtracting from the shipments the cost of materials, including fuel and electricity. The value thus obtained is somewhat different to the actual value. For 1954 and 1955 value of production figures were obtained by adjusting shipments for inventory change of finished goods only, while for 1956 and later years the value of production figures were adjusted for inventory change in both finished goods as well as goods in process. The figures for value added for 1956 and subsequent years are, therefore, comparable with 1951 and earlier years.





Variation in Volume of Production, Five-Year Periods, 1946-61<sup>1</sup>

	Volume Index (1949 = 100)			Percentage Variation			
	1961	1960	Percentage variation	1951 compared with 1946	1956 compared with 1951	1961 compared with 1956	1961 compared with 1946
All manufactures .....	153.0	149.3	+ 2.5	+ 35.0	+ 26.2	+ 5.4	+ 79.6
Non-durable goods .....	157.0	151.8	+ 3.4	+ 23.4	+ 24.6	+ 13.7	+ 74.8
Durable goods .....	148.4	146.4	+ 1.4	+ 50.1	+ 27.9	- 3.2	+ 85.7
Non-durable goods:							
Foods .....	151.2	147.1	+ 2.8	+ 3.9	+ 22.8	+ 15.1	+ 46.8
Beverages .....	163.6	160.2	+ 2.1	+ 29.2	+ 30.3	+ 18.2	+ 99.0
Tobacco and tobacco products .....	193.6	182.0	+ 6.4	+ 4.9	+ 53.6	+ 32.7	+ 113.7
Rubber and rubber products .....	145.7	143.3	+ 1.7	+ 39.6	+ 23.3	- 5.4	+ 62.8
Leather products .....	123.8	111.8	+ 10.7	- 27.1	+ 27.9	+ 7.1	- 0.2
Textiles .....	134.6	122.5	+ 9.9	+ 27.5	+ 3.7	+ 14.7	+ 51.7
Clothing, including knitting mills .....	107.1	107.9	- 0.7	+ 6.2	+ 16.2	- 8.9	+ 12.4
Paper products .....	153.4	148.4	+ 3.4	+ 45.1	+ 17.3	+ 11.3	+ 89.4
Printing, publishing and allied industries ..	148.2	146.5	+ 1.1	+ 36.7	+ 30.6	+ 7.9	+ 92.7
Products of petroleum and coal .....	258.8	250.6	+ 3.3	+ 72.9	+ 68.2	+ 19.8	+ 248.3
Chemicals and allied products .....	222.1	219.7	+ 1.1	+ 37.9	+ 45.7	+ 27.1	+ 155.3
Miscellaneous industries .....	213.0	191.6	+ 11.2	+ 48.4	+ 23.5	+ 44.9	+ 165.6
Durable goods:							
Wood products .....	139.6	136.0	+ 2.6	+ 32.3	+ 20.5	+ 0.9	+ 60.8
Iron and steel products .....	139.4	137.3	+ 1.5	+ 44.8	+ 24.2	- 4.1	+ 72.5
Transportation equipment .....	129.8	130.0	- 0.2	+ 62.9	+ 20.3	- 17.8	+ 61.0
Non-ferrous metal products .....	147.6	148.3	- 0.5	+ 39.5	+ 16.6	+ 11.0	+ 80.4
Electrical apparatus and supplies .....	182.6	180.2	+ 1.3	+ 78.3	+ 58.5	- 4.5	+ 169.7
Non-metallic mineral products .....	220.2	210.9	+ 4.4	+ 66.4	+ 59.8	+ 15.0	+ 205.8

<sup>1</sup> The grouping of the volume indexes has not yet been changed to the revised classification basis.

Percentage Variation of Manufacturing in Canada, by Provinces and Groups, 1961 Compared with 1960 and 1957

Province and Group	1961 compared with 1960			1961 compared with 1957		
	Number of employees	Salaries and wages	Selling value of factory shipments	Number of employees	Salaries and wages	Selling value of factory shipments
Canada .....	- 0.8	+ 1.5	+ 4.1	- 5.7	+ 9.5	+ 11.5
Newfoundland .....	+ 6.2	+ 11.3	+ 8.1	+ 2.1	+ 12.0	+ 20.6
Prince Edward Island .....	+ 3.2	+ 4.2	+ 5.7	+ 13.1	+ 36.0	+ 31.5
Nova Scotia .....	- 4.2	- 2.4	- 3.2	- 12.5	- 0.5	- 5.8
New Brunswick .....	+ 1.5	+ 3.7	+ 7.7	+ 8.6	+ 23.0	+ 29.9
Quebec .....	- 1.3	+ 1.3	+ 3.6	- 4.8	+ 10.8	+ 12.0
Ontario .....	- 0.5	+ 1.6	+ 4.2	- 7.0	+ 7.8	+ 9.9
Manitoba .....	- 0.2	+ 3.9	+ 8.3	- 4.7	+ 13.5	+ 17.9
Saskatchewan .....	- 1.0	+ 1.8	+ 4.4	+ 4.3	+ 22.1	+ 15.8
Alberta .....	- 0.3	+ 2.7	+ 8.6	+ 0.3	+ 18.1	+ 23.7
British Columbia .....	- 1.4	+ 1.3	+ 3.1	- 6.6	+ 9.4	+ 11.0
Yukon and Northwest Territories .....	+ 11.3	+ 10.6	+ 17.3	- 15.3	+ 4.4	+ 12.9
All groups:						
Food and beverage industries .....	- 1.1	+ 1.0	+ 5.1	- 0.1	+ 18.0	+ 18.7
Tobacco products industries .....	- 3.0	+ 2.1	+ 0.2	- 4.7	+ 17.5	+ 34.4
Rubber industries .....	- 7.1	- 3.0	+ 0.8	- 15.0	- 1.5	- 1.1
Leather industries .....	+ 3.8	+ 7.3	+ 9.6	- 0.5	+ 13.7	+ 20.8
Textile industries .....	+ 3.0	+ 4.9	+ 10.0	- 6.7	+ 7.5	+ 19.5
Knitting mills .....	+ 1.3	+ 4.0	+ 9.9	- 2.9	+ 11.6	+ 26.3
Clothing industries .....	+ 1.6	+ 3.9	+ 5.1	- 1.9	+ 9.8	+ 9.0
Wood industries .....	- 3.3	+ 0.8	+ 2.8	- 9.2	+ 8.0	+ 9.6
Furniture and fixture industries .....	- 1.7	+ 1.3	+ 5.9	- 1.3	+ 12.7	+ 15.0
Paper and allied industries .....	- 0.4	+ 2.8	+ 3.8	- 0.2	+ 16.0	+ 17.5
Printing, publishing and allied industries .....	- 0.4	+ 2.4	+ 3.1	+ 2.6	+ 21.8	+ 23.9
Primary metal industries .....	- 2.3	+ 1.5	+ 2.9	- 5.5	+ 10.4	+ 13.5
Metal fabricating (except machinery and transportation equipment) industries .....	- 2.3	- 0.4	+ 5.7	- 6.3	+ 6.7	+ 12.2
Machinery industries (except electrical machinery) .....	- 3.0	- 1.5	+ 0.3	- 8.3	+ 8.5	+ 7.2
Transportation equipment industries .....	- 1.3	+ 0.5	+ 1.9	- 25.6	- 11.8	- 13.6
Electrical products industries .....	+ 0.9	+ 1.3	+ 3.4	- 11.6	+ 0.6	+ 2.1
Non-metallic mineral products .....	- 2.9	+ 1.0	+ 5.6	+ 3.2	+ 19.5	+ 18.2
Petroleum and coal products industries .....	- 1.8	+ 1.3	+ 6.1	- 7.1	+ 11.1	- 8.8
Chemical and chemical products industries .....	- 3.1	+ 0.8	+ 5.6	- 2.6	+ 16.4	+ 26.4
Miscellaneous manufacturing industries .....	+ 4.7	+ 6.9	+ 12.3	+ 14.8	+ 34.5	+ 40.3



TABLE 1. Summary Statistics of the Manufacturing Industries, Canada, 1917-61

Year	Estab- lish- ments	Capital	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross value of products <sup>2</sup>
Basis: Standard Industrial Classification in use prior to 1960							
	No.	\$	No.	dollars			
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 <sup>3</sup>	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926	21,301	3,208,071,197	559,161 <sup>3</sup>	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927	21,501	3,454,825,529	595,052 <sup>3</sup>	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928	21,973	3,804,062,566	631,429 <sup>3</sup>	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929	22,216	4,004,892,009	666,531 <sup>3</sup>	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930	22,618	4,041,030,475	614,696 <sup>3</sup>	697,555,378	1,664,787,783	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	680,451	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	4,938,788,981	11,875,169,685
1949 <sup>4</sup>	35,792	"	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950 <sup>4</sup>	35,942	"	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381
1951 <sup>4</sup>	37,021	"	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952 <sup>4</sup>	37,929	"	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035
1953 <sup>4</sup>	38,107	"	1,327,451	3,957,018,348	9,380,558,682	7,993,069,351	17,785,416,854
1954 <sup>4</sup>	38,028	"	1,267,966	3,896,687,691	9,241,857,554	7,902,124,137 <sup>5</sup>	17,554,527,504 <sup>5</sup>
1955 <sup>4</sup>	38,182	"	1,298,461	4,142,409,534	10,338,202,165	8,753,450,496	19,513,933,811
1956 <sup>4</sup>	37,428	"	1,353,020	4,570,692,190	11,721,536,889	9,605,424,579	21,636,748,986
1957 <sup>4</sup>	37,875	"	1,359,061	4,819,627,999	11,900,751,703	9,822,084,726	22,183,594,311
1958 <sup>4</sup>	36,741	"	1,289,602	4,802,496,260	11,821,567,471	9,792,505,931	22,163,186,308
1959 <sup>4</sup>	36,193	"	1,303,956	5,073,073,706	12,552,200,543	10,320,962,881	23,311,601,481
Basis: Revised Standard Industrial Classification and New Establishment Concept <sup>7</sup>							
	No.	\$	No.	dollars			
1957 <sup>7</sup>	33,550	Not collected	1,340,925	4,777,974,442	11,694,552,172	"	21,448,102,258
1958 <sup>7</sup>	32,442	"	1,273,683	4,764,608,697	11,624,824,511	9,437,469,060	21,434,115,270
1959 <sup>7</sup>	32,077	"	1,287,784	5,030,035,883	12,338,756,239	10,153,282,509	22,829,633,166
1960 <sup>7</sup>	32,852	"	1,275,476	5,150,503,040	12,445,104,217	10,380,147,799	23,279,804,128
1961 <sup>7</sup>	32,415	"	1,264,946	5,231,446,969	13,127,707,976	10,682,137,680	24,243,294,949

<sup>1</sup> For 1924-51, inclusive, the "Value added by manufacture" is computed by subtracting the cost of fuel, electricity and materials from the gross value of products. For 1952 and 1953 the deduction is made from "Value of factory shipments". In 1954 and subsequent years from the calculated value of production. Figures prior to 1924 are not comparable since statistics for cost of electricity are not available. (See text).

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

<sup>3</sup> A change in the method of computing the number of wage-earners in the years, 1925 to 1930, inclusive, 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 readopted.

<sup>4</sup> Newfoundland is included for 1949 and subsequent years. However, figures for the fish processing industry, 1949 and 1950, were not available for this province and therefore, not included.

<sup>5</sup> There were three major changes in concept affecting the data for the Primary Iron and Steel Industry in 1954. The first one involved a change in the method of counting establishments, the second concerned a change in valuing shipments of wire rods transferred to makers' own processing plants, while the third concerned the method of calculating "Value added by manufacture". Figures for 1954 and subsequent years are therefore not strictly comparable with previous years. See footnotes to Table 2 of the 1954 report on the Primary Iron and Steel Industry.

<sup>6</sup> In 1954 there was a change in procedure of reporting the value of products in the Petroleum products industry. This increased the value of products by approximately \$139,000,000. Another change was made in 1959 which lowered the value of production in the Petroleum Refining Industry by \$300,000,000. In the revised series (1957-61) the figures are comparable through the period on the latest revised basis.

<sup>7</sup> The introduction of a revised industrial classification in 1960 and the implementation of a new definition of the establishment (reporting unit) in 1961 have resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See "Changes in Classification and Concept" at beginning of report).





**TABLE 2. Principal Statistics Compared, Canada, 1960 and 1961**  
 Basis: Revised Standard Industrial Classification and New Establishment Concept

Principal statistics	1960 <sup>1</sup>	1961	+Increase -Decrease
Establishments ..... No.	32,852	32,415	- 437
Administrative and office employees:			
Male ..... No.	219,866	213,798	+ 6,068
Female ..... "	84,000	81,872	- 2,128
Salaries ..... \$	1,585,279,151	1,585,333,662	+ 54,511
Average ..... \$	5,217	5,362	+ 145
Production workers:			
Male ..... No.	764,691	758,195	- 6,496
Female ..... "	206,919	211,081	+ 4,162
Wages ..... \$	3,565,223,889	3,646,113,307	+ 80,889,418
Average ..... \$	3,669	3,762	+ 93
Cost at plant of materials used ..... \$	12,445,104,217	13,127,707,976	+682,603,759
Average per establishment ..... \$	378,823	404,989	+ 26,166
Cost of fuel and electricity ..... \$	503,987,312	515,384,755	+ 11,397,443
Value added by manufacture <sup>2</sup> ..... \$	10,380,147,799	10,682,137,680	+301,989,881
Average per establishment ..... \$	315,967	329,543	+ 13,576
Selling value of factory shipments ..... \$	23,279,804,128	24,243,294,949	+963,490,821
Average per establishment ..... \$	708,627	747,903	+ 39,276

<sup>1</sup> Since the 1960 figures were adjusted to compare with the 1961 data and reflect the change in concept introduced in the 1961 census, they differ from the statistics published previously.

<sup>2</sup> Calculated value of production (shipments plus closing inventory, minus opening inventory of goods in process and finished products) less cost of materials and fuel and electricity used. (See text)



**TABLE 3. Principal Statistics of the Forty Leading Industries, Ranked according to the Value of Factory Shipments, 1961**  
 Basis: Revised Standard Industrial Classification and New Establishment Concept

No.	Industries	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments
		number			dollars		
1	Pulp and paper mills .....	125	65,799	355,171,060	680,167,806	842,419,685	1,634,606,001
2	Smelting and refining .....	24	29,290	155,948,335	891,950,994	530,096,705	1,471,048,021 <sup>2</sup>
3	Petroleum refining .....	44	13,235	81,516,036	899,836,714	276,271,921	1,184,176,374
4	Slaughtering and meat packing plants .....	242	25,075	112,925,245	893,822,118	182,740,227	1,080,913,148
5	Motor vehicle manufacturers .....	17	21,673	120,938,513	603,349,583	277,150,529	870,942,359
6	Iron and steel mills .....	42	34,546	193,111,898	351,346,159	411,494,397	789,271,070
7	Sawmills (except shingle mills) .....	3,260	41,134	144,699,686	306,238,148	218,227,808	534,590,574
8	Manufacturers of industrial chemicals .....	128	16,191	89,364,320	182,032,101	257,622,238	476,603,231
9	Pasteurizing plants .....	732	21,678	84,355,529	267,020,276	136,176,755	411,616,839
10	Miscellaneous food manufacturers .....	267	10,922	43,094,491	252,773,502	152,206,365	408,178,870
11	Miscellaneous machinery and equipment manu- facturers .....	420	26,610	122,746,209	178,603,989	208,462,946	390,689,239
12	Metal stamping, pressing and coating industry .....	436	18,584	84,975,289	203,300,028	168,578,452	374,352,563
13	Printing and publishing .....	752	31,281	147,868,015	94,312,158	272,920,148	370,327,715
14	Bakeries .....	2,529	35,637	115,753,102	164,609,027	194,337,555	369,637,256
15	Motor vehicle parts and accessories manufact- urers .....	126	20,820	103,001,867	185,994,866	160,762,326	352,778,908
16	Aircraft and parts manufacturers .....	80	28,386	141,930,122	157,645,455	192,084,988	348,245,173 <sup>2</sup>
17	Fruit and vegetable canners and preservers .....	335	16,467	49,451,789	198,676,777	131,226,180	328,098,257
18	Butter and cheese plants .....	914	7,493	22,034,156	273,893,861	44,447,434	323,899,708
19	Feed manufacturers .....	958	7,039	24,512,868	225,930,728	59,617,185	289,660,606
20	Men's clothing factories .....	488	29,368	80,224,956	157,760,437	123,614,414	279,088,853
21	Women's clothing factories .....	633	25,927	74,488,289	151,134,488	127,738,427	277,477,796
22	Breweries .....	54	7,623	40,881,549	59,061,535	197,398,696	259,438,200
23	Communications equipment manufacturers .....	125	24,567	109,658,552	93,749,901	163,288,472	251,084,190
24	Synthetic textile mills .....	56	15,049	59,392,697	118,305,942	123,477,735	248,717,577
25	Cotton yarn and cloth mills .....	39	17,384	55,799,803	136,226,684	96,215,791	236,711,105
26	Sash and door and planing mills (excluding hard- wood flooring) .....	1,356	16,175	54,858,138	138,583,139	93,688,651	235,160,488
27	Printing and book binding .....	1,688	21,892	87,931,316	82,874,305	146,131,269	230,144,843
28	Tobacco products manufacturers .....	22	7,817	35,931,309	122,475,383	107,463,784	229,956,447
29	Wire and wire products manufacturers .....	199	11,995	56,858,603	125,325,503	91,685,773	220,701,880
30	Flour mills .....	54	3,964	16,921,164	173,682,471	45,274,550	220,586,667
31	Miscellaneous metal fabricating industries .....	331	14,599	62,567,983	95,286,258	117,508,347	218,977,448
32	Manufacturers of electrical industrial equipment .....	97	16,404	80,945,438	86,811,512	129,314,600	218,881,168
33	Fabricated structural metal industry .....	78	13,789	68,409,532	112,014,777	96,029,106	210,061,203 <sup>2</sup>
34	Manufacturers of major appliances (electric and non-electric) .....	43	11,084	46,861,875	109,910,325	92,496,459	206,212,477
35	Household furniture industry .....	1,580	19,936	66,149,253	100,008,167	104,219,277	205,596,993
36	Other paper converters .....	190	9,741	39,496,668	103,149,167	82,272,219	185,889,705
37	Railroad rolling stock industry .....	29	16,529	72,705,929	99,139,009	78,737,715	182,569,012 <sup>2</sup>
38	Rubber tire and tube manufacturers .....	10	7,502	38,013,950	87,174,440	84,855,754	180,248,120
39	Shoe factories .....	237	20,866	57,099,576	83,970,518	89,563,348	173,123,858
40	Soft drink manufacturers .....	502	7,840	29,765,769	52,871,111	116,068,270	172,647,090
	<b>Totals leading industries .....</b>	<b>19,242</b>	<b>792,711</b>	<b>3,426,360,879</b>	<b>9,301,219,442</b>	<b>7,023,886,701</b>	<b>16,652,910,830</b>
	<b>Totals, all industries .....</b>	<b>32,415</b>	<b>1,264,946</b>	<b>5,231,446,969</b>	<b>13,127,707,976</b>	<b>10,682,137,680</b>	<b>24,243,294,949</b>

<sup>1</sup> See footnote 2, Table 2.<sup>2</sup> Reported on a production basis.





**TABLE 4. Principal Statistics by Provinces, 1957-61<sup>1</sup>**  
 Basis: Revised Standard Industrial Classification and New Establishment Concept

No.	Provinces	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
<b>1957</b>								
1	Newfoundland.....	466	1,402	322	6,716,032	6,964	1,002	25,388,674
2	Prince Edward Island.....	166	289	86	889,319	828	321	2,203,656
3	Nova Scotia.....	1,084	3,691	1,185	17,481,283	22,119	3,616	71,916,797
4	New Brunswick.....	858	2,432	812	12,030,396	14,807	2,614	48,030,594
5	Quebec.....	11,295	70,342	26,515	432,056,118	255,219	92,886	1,036,006,646
6	Ontario.....	12,162	110,576	45,706	734,769,381	386,189	93,691	1,675,516,238
7	Manitoba.....	1,391	6,538	2,549	36,464,060	26,421	7,751	102,121,698
8	Saskatchewan.....	698	2,284	840	11,776,093	7,529	988	28,314,236
9	Alberta.....	1,560	8,833	2,290	36,799,469	25,021	3,679	96,426,888
10	British Columbia.....	3,849	15,884	4,984	97,021,880	74,291	9,266	305,372,919
11	Yukon and Northwest Territories.....	21	35	12	184,035	98	18	468,030
12	Canada.....	33,550	220,306	85,301	1,386,208,066	819,486	215,832	3,391,766,376
<b>1958</b>								
13	Newfoundland.....	422	1,316	294	6,494,039	6,550	903	22,149,651
14	Prince Edward Island.....	159	296	81	963,219	847	317	2,286,785
15	Nova Scotia.....	1,038	3,585	1,108	18,000,037	20,030	3,495	66,747,101
16	New Brunswick.....	813	2,466	846	12,751,219	14,460	2,782	48,098,688
17	Quebec.....	10,896	68,781	26,326	453,814,561	240,254	89,899	1,012,737,732
18	Ontario.....	11,857	109,753	44,901	777,052,136	355,991	89,324	1,620,650,856
19	Manitoba.....	1,392	6,425	2,533	37,974,108	25,142	7,408	102,072,814
20	Saskatchewan.....	729	2,320	877	12,519,428	7,577	1,000	29,744,474
21	Alberta.....	1,437	6,677	2,285	39,131,757	23,997	3,723	97,245,927
22	British Columbia.....	3,685	15,393	4,923	99,781,606	69,924	8,733	303,720,162
23	Yukon and Northwest Territories.....	14	24	7	155,505	94	16	516,892
24	Canada.....	32,442	217,036	84,181	1,458,637,615	764,866	207,600	3,305,971,082

<sup>1</sup> See footnote 7, Table 1.



**TABLE 4. Principal Statistics by Provinces, 1957-61<sup>1</sup>**  
 Basis: Revised Standard Industrial Classification and New Establishment Concept.

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
number	dollars					
9,690	32,104,706	7,269,677	52,165,033	..	113,781,885	1
1,524	3,092,975	385,998	16,798,139	..	22,843,727	2
30,611	89,398,080	10,146,274	221,051,345	..	377,465,226	3
20,665	60,060,990	14,035,501	170,922,172	..	306,025,882	4
444,962	1,468,062,764	149,420,450	3,511,009,630	...	6,419,301,706	5
636,162	2,410,285,619	221,535,656	5,732,214,851	..	10,811,118,153	6
43,259	138,605,758	12,223,312	377,448,605	..	646,210,649	7
11,641	40,090,329	6,335,053	186,071,235	..	285,943,571	8
37,823	133,226,357	13,115,874	448,090,220	..	724,557,523	9
104,425	402,394,799	41,321,464	977,170,081	..	1,737,812,853	10
163	652,065	41,198	1,610,861	..	3,041,083	11
1,340,925	4,777,974,442	• 475,830,457	11,694,552,172	..	21,448,102,258	12
9,063	28,643,690	6,864,471	50,750,623	56,750,770	114,069,901	13
1,541	3,250,004	397,129	18,102,166	6,678,423	25,153,353	14
28,218	84,747,138	8,959,202	202,678,706	150,345,825	365,659,667	15..
20,554	60,849,907	13,088,695	167,175,646	129,009,521	306,991,845	16
425,260	1,466,552,293	147,163,596	3,534,673,709	2,930,630,546	6,512,947,235	17
599,969	2,397,702,992	215,497,824	5,624,612,703	4,734,433,950	10,579,486,177	18
41,508	140,046,922	10,832,081	395,050,645	268,312,555	673,918,877	19
11,774	42,263,902	6,763,911	196,028,221	106,625,686	312,607,528	20
36,682	136,377,684	14,054,372	481,514,303	292,464,468	788,078,779	21
98,973	403,501,768	46,855,684	951,517,865	761,237,052	1,751,606,981	22
141	672,397	31,127	2,719,924	979,264	3,595,127	23
1,273,683	4,764,608,697	470,508,092	11,624,824,511	9,437,469,060	21,434,115,270	24

<sup>1</sup> See footnote 2, Table 2.





TABLE 4. Principal Statistics by Provinces, 1957-61<sup>1</sup> - Concluded

No.	Provinces	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1959								
1	Newfoundland .....	468	1,312	284	6,914,889	6,627	872	23,076,565
2	Prince Edward Island.....	154	329	100	1,175,292	903	340	2,525,806
3	Nova Scotia .....	1,054	3,674	1,099	19,121,220	19,266	3,452	67,446,807
4	New Brunswick .....	779	2,541	866	13,703,298	14,361	2,752	49,567,905
5	Quebec .....	10,672	69,046	26,230	472,365,720	241,891	90,113	1,064,579,076
6	Ontario .....	11,728	107,253	43,988	796,194,974	366,194	91,367	1,748,484,600
7	Manitoba.....	1,394	6,636	2,567	41,140,399	25,763	7,509	111,044,028
8	Saskatchewan .....	673	2,282	915	13,520,364	7,767	1,045	32,181,847
9	Alberta .....	1,512	6,852	2,377	42,365,670	25,055	3,951	105,639,625
10	British Columbia.....	3,632	15,560	4,870	105,849,967	71,145	6,516	312,526,047
11	Yukon and Northwest Territories .....	11	22	5	142,194	74	13	467,590
12	Canada .....	32,077	215,507	83,301	1,512,493,987	779,046	209,930	3,317,541,896
1960								
13	Newfoundland .....	396	1,195	313	7,385,049	6,914	896	24,937,121
14	Prince Edward Island.....	154	320	95	1,257,480	906	350	2,778,601
15	Nova Scotia .....	1,039	3,780	1,154	19,930,592	19,486	3,551	71,203,576
16	New Brunswick .....	768	2,797	926	15,295,383	15,346	3,042	55,958,641
17	Quebec .....	11,093	71,157	26,334	502,124,743	241,762	90,189	1,104,248,065
18	Ontario .....	12,090	108,314	44,147	823,458,744	353,849	88,009	1,733,938,377
19	Manitoba.....	1,414	6,831	2,623	42,908,285	24,255	7,579	108,530,064
20	Saskatchewan .....	682	2,383	898	14,498,169	7,921	1,065	33,605,387
21	Alberta .....	1,586	7,033	2,376	44,960,149	24,656	3,969	108,312,174
22	British Columbia.....	3,616	16,031	5,128	113,312,999	69,517	8,255	321,243,918
23	Yukon and Northwest Territories .....	14	25	6	147,556	79	14	467,945
24	Canada .....	32,852	219,866	84,000	1,585,278,151	764,691	206,919	3,565,223,889
1961								
25	Newfoundland .....	338	1,383	307	8,002,591	7,307	899	27,967,214
26	Prince Edward Island.....	156	294	76	1,194,429	971	363	3,013,045
27	Nova Scotia .....	1,002	3,631	1,132	20,311,068	18,378	3,660	66,608,188
28	New Brunswick .....	708	2,782	975	16,067,044	15,553	3,133	57,825,324
29	Quebec .....	10,955	68,960	25,574	504,204,417	237,958	91,237	1,122,367,772
30	Ontario .....	12,081	105,535	43,164	819,754,354	351,838	90,878	1,777,653,895
31	Manitoba.....	1,416	6,672	2,428	44,065,579	24,470	7,642	113,236,781
32	Saskatchewan .....	675	2,258	909	14,156,325	7,910	1,072	34,791,437
33	Alberta .....	1,569	6,854	2,232	45,414,125	24,806	4,029	111,934,359
34	British Columbia.....	3,502	15,406	5,067	112,008,822	68,916	8,129	328,188,954
35	Yukon and Northwest Territories .....	13	23	6	154,908	88	19	526,338
36	Canada .....	32,415	213,798	81,872	1,585,333,662	758,195	211,081	3,646,113,307

<sup>1</sup> See footnote 7, Table 1.



TABLE 4. Principal Statistics by Provinces, 1957-61<sup>1</sup> - Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments	No.
number			dollars			
9,095	29,991,454	6,508,777	52,985,299	56,127,739	116,664,179	1
1,672	3,701,098	438,676	18,465,061	6,997,212	25,792,452	2
27,491	86,570,027	8,794,901	205,910,478	154,723,362	370,946,777	3
20,520	63,271,203	13,856,193	170,524,670	129,965,812	314,219,616	4
427,280	1,536,944,796	149,423,011	3,691,667,432	2,986,667,675	6,802,194,725	5
608,802	2,544,679,574	232,025,710	6,096,981,856	5,229,844,222	11,438,364,564	6
42,475	152,184,427	11,924,891	419,491,514	300,650,730	730,648,355	7
12,009	45,702,211	7,078,101	209,676,695	122,121,842	336,455,160	8
38,235	148,005,295	15,356,984	508,921,587	327,409,451	850,312,940	9
100,091	418,376,014	46,565,976	961,976,098	838,122,055	1,841,339,359	10
114	609,784	51,125	2,155,549	652,409	2,695,039	11
<b>1,287,784</b>	<b>5,030,035,883</b>	<b>492,024,345</b>	<b>12,338,756,239</b>	<b>10,153,282,509</b>	<b>22,829,633,166</b>	<b>12</b>
9,318	32,322,170	6,783,240	57,979,769	63,490,184	126,980,575	13
1,671	4,036,081	459,696	19,981,913	8,025,905	28,414,952	14
27,971	91,134,168	9,839,371	207,705,372	171,493,455	387,868,633	15
22,111	71,254,024	15,032,162	204,627,317	154,697,415	369,107,808	16
429,442	1,606,372,808	152,371,653	3,784,921,572	3,167,507,929	7,075,504,794	17
594,319	2,557,397,121	235,717,795	6,031,928,594	5,219,503,707	11,479,327,327	18
41,288	151,438,369	12,107,025	411,598,344	289,426,092	711,218,538	19
12,267	48,103,556	7,320,268	206,739,723	115,572,585	329,944,928	20
38,034	153,272,323	16,306,935	511,159,117	339,377,044	859,966,254	21
98,931	434,556,917	48,000,533	1,007,017,715	849,728,587	1,908,542,596	22
124	615,503	48,634	1,444,781	1,324,896	2,927,723	23
<b>1,275,476</b>	<b>5,150,503,040</b>	<b>503,987,312</b>	<b>12,445,104,217</b>	<b>10,380,147,799</b>	<b>23,279,804,128</b>	<b>24</b>
9,896	35,969,805	7,064,044	60,628,868	70,009,989	137,224,209	25
1,724	4,207,474	463,018	21,191,058	8,131,146	30,041,039	26
26,801	88,919,256	10,011,626	206,463,487	159,218,497	375,306,900	27
22,443	73,892,368	15,415,406	223,050,728	159,979,430	397,456,695	28
423,729	1,626,572,189	157,135,960	3,982,419,548	3,207,856,006	7,327,257,662	29
591,415	2,597,408,249	236,709,531	6,337,292,819	5,429,853,032	11,957,329,553	30
41,212	157,302,360	16,243,967	441,440,322	315,235,281	769,894,639	31
12,149	48,947,762	7,660,412	218,815,222	120,971,938	344,432,203	32
37,921	157,348,484	17,271,495	568,732,861	346,731,838	933,826,476	33
97,518	440,197,776	47,357,571	1,065,073,007	863,442,538	1,967,091,438	34
138	681,246	51,725	2,600,056	707,985	3,434,135	35
<b>1,264,946</b>	<b>5,231,446,989</b>	<b>515,384,755</b>	<b>13,127,707,976</b>	<b>10,682,137,680</b>	<b>24,243,294,949</b>	<b>36</b>

<sup>2</sup> See footnote 2, Table 2.





**TABLE 5. Principal Statistics by Industrial Groups, 1957-61<sup>1</sup>**  
 Basis: Revised Standard Industrial Classification and New Establishment Concept

No.	Industrial groups	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
<b>1957</b>								
1	Food and beverage industries .....	7,930	27,164	11,459	152,054,161	113,720	36,738	431,145,719
2	Tobacco products industries .....	48	866	451	6,803,127	3,269	5,319	26,519,694
3	Rubber industries .....	86	3,798	1,617	25,119,732	13,231	3,535	58,095,554
4	Leather industries .....	614	2,708	1,316	16,852,572	15,294	12,255	61,920,320
5	Textile industries .....	902	8,718	4,302	57,730,298	34,587	19,439	139,934,101
6	Knitting mills .....	306	1,411	1,112	10,078,423	6,210	13,377	41,405,792
7	Clothing industries .....	2,445	7,161	4,547	50,880,320	20,841	56,876	162,598,086
8	Wood industries .....	6,808	13,145	2,077	50,792,124	69,927	3,014	208,817,591
9	Furniture and fixture industries .....	1,986	4,605	1,567	24,476,259	24,680	2,741	75,281,339
10	Paper and allied industries .....	571	13,134	4,973	99,747,584	68,371	8,589	306,273,375
11	Printing, publishing and allied industries .....	3,340	16,957	10,324	109,140,185	34,986	8,677	160,028,864
12	Primary metal industries .....	418	13,440	3,406	90,347,898	74,660	787	324,175,968
13	Metal fabrication (except machinery and transport- ation equipment industries) .....	2,425	17,964	6,071	113,459,939	71,736	5,242	281,776,653
14	Machinery industries (except electrical machinery)....	483	9,985	3,473	59,605,953	30,976	1,442	120,640,286
15	Transportation equipment industries .....	610	26,775	7,278	169,880,798	107,141	3,630	422,372,465
16	Electrical products industries .....	503	21,553	7,933	139,648,203	44,507	15,909	211,880,287
17	Non-metallic mineral products industries .....	1,153	5,879	1,758	34,718,814	29,358	1,884	110,990,664
18	Petroleum and coal products industries .....	82	4,724	1,501	34,277,749	8,835	70	42,521,831
19	Chemical and chemical products industries .....	1,049	13,764	6,806	97,282,866	27,489	5,477	120,853,132
20	Miscellaneous manufacturing industries .....	1,791	6,554	3,330	43,301,061	19,667	10,771	84,534,655
21	<b>Canada .....</b>	<b>33,550</b>	<b>220,306</b>	<b>85,301</b>	<b>1,386,208,066</b>	<b>819,486</b>	<b>215,832</b>	<b>3,391,766,376</b>
<b>1958</b>								
22	Food and beverage industries .....	7,788	27,106	11,376	162,571,468	113,281	35,957	453,582,499
23	Tobacco products industries .....	39	919	505	7,878,074	3,585	5,310	29,255,528
24	Rubber industries .....	87	3,710	1,492	24,357,729	11,734	3,012	52,139,354
25	Leather industries .....	591	2,625	1,348	17,691,908	14,835	11,976	62,618,905
26	Textile industries .....	875	8,544	4,265	59,291,614	31,901	17,295	128,869,636
27	Knitting mills .....	316	1,408	1,135	10,603,235	5,802	12,927	40,190,617
28	Clothing industries .....	2,362	6,768	4,428	51,592,220	19,836	55,176	161,704,192
29	Wood industries .....	6,019	12,202	2,076	51,668,362	66,585	2,919	209,358,042
30	Furniture and fixture industries .....	1,835	4,384	1,570	25,104,662	23,736	2,721	74,579,859
31	Paper and allied industries .....	546	13,304	4,783	105,313,161	66,652	8,488	305,541,533
32	Printing, publishing and allied industries .....	3,258	16,141	10,539	114,929,895	34,433	8,625	169,227,893
33	Primary metal industries .....	403	13,202	3,360	96,445,721	65,204	702	289,331,708
34	Metal fabricating (except machinery and transport- ation equipment industries) .....	2,591	17,739	6,173	117,659,121	65,157	5,192	264,771,214
35	Machinery industries (except electrical machinery)....	511	9,636	3,243	61,743,776	27,123	1,129	110,749,551
36	Transportation equipment industries .....	611	25,640	6,706	172,809,477	90,748	3,115	381,755,492
37	Electrical products industries .....	501	21,121	7,323	146,026,043	39,046	14,800	197,195,080
38	Non-metallic mineral products industries .....	1,170	6,223	1,760	38,514,398	29,575	1,905	117,944,991
39	Petroleum and coal products industries .....	92	5,664	1,737	42,518,798	8,400	59	41,301,269
40	Chemical and chemical products industries .....	1,045	13,565	6,761	102,738,619	27,708	5,542	128,350,231
41	Miscellaneous manufacturing industries .....	1,802	7,135	3,601	49,179,334	19,525	10,750	87,493,488
42	<b>Canada .....</b>	<b>32,442</b>	<b>217,036</b>	<b>84,181</b>	<b>1,458,637,615</b>	<b>764,866</b>	<b>207,600</b>	<b>3,305,971,082</b>

<sup>1</sup> See footnote 7, Table 1.



**TABLE 5. Principal Statistics by Industrial Groups, 1957-61<sup>1</sup>**  
 Basis: Revised Standard Industrial Classification and New Establishment Concept

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
number			dollars			
189,031	583,199,880	66,394,987	2,691,150,351	144,374,770	4,133,897,721	1
9,905	33,322,821	844,614	161,506,746	..	249,156,127	2
22,181	83,215,285	5,005,731	145,566,921	..	334,777,988	3
31,573	78,772,892	2,371,384	123,386,477	..	240,938,095	4
67,046	197,664,399	15,216,827	403,563,334	..	732,746,913	5
22,110	51,484,215	2,013,754	88,908,479	..	173,617,299	6
89,425	213,478,406	3,168,117	394,501,483	..	735,263,514	7
88,153	259,509,715	15,666,131	529,835,120	..	944,709,529	8
33,594	99,757,598	3,774,271	155,817,371	..	314,801,988	9
95,067	406,020,959	113,321,362	891,527,899	..	1,877,712,198	10
70,944	269,169,049	5,833,144	228,513,748	..	704,298,471	11
92,293	414,523,866	78,934,466	1,387,616,279	..	2,472,248,355	12
101,013	395,246,592	18,406,257	640,090,361	..	1,330,033,616	13
45,876	180,246,239	6,057,835	265,369,678	..	596,553,594	14
144,824	592,253,263	22,560,041	1,299,228,925	..	2,269,076,315	15
80,962	351,523,490	11,022,077	555,847,811	..	1,180,854,239	16
38,879	145,709,478	49,386,502	203,515,285	..	571,165,145	17
15,131	76,799,580	8,445,432	832,240,335	..	1,042,270,293	18
53,536	218,135,998	42,525,472	519,788,789	..	1,134,398,330	19
40,322	127,835,716	4,882,053	176,475,760	..	409,582,528	20
<b>1,340,925</b>	<b>4,777,974,442</b>	<b>475,830,457</b>	<b>11,694,552,172</b>	<b>..</b>	<b>21,448,102,258</b>	<b>21</b>
187,720	616,153,967	66,577,421	2,923,313,031	1,510,341,674	4,486,279,569	22
10,319	37,143,602	901,382	207,505,628	97,122,781	305,123,555	23
19,948	76,497,083	5,034,114	129,641,219	177,811,184	314,792,148	24
30,784	80,310,813	2,319,043	126,235,856	121,597,212	250,885,681	25
62,005	188,161,250	14,631,230	386,981,683	316,551,539	724,549,663	26
21,272	50,793,852	1,896,950	88,430,835	85,243,993	174,467,430	27
86,208	213,296,412	2,973,326	385,911,317	344,786,144	734,358,464	28
83,782	261,026,404	16,581,256	522,788,183	417,422,022	956,758,072	29
32,411	99,684,521	3,669,834	153,700,415	159,889,808	316,877,612	30
93,227	410,854,694	110,532,059	865,869,435	913,092,479	1,894,559,325	31
69,738	284,157,788	5,779,987	236,905,216	500,982,248	742,625,186	32
82,468	385,777,429	73,666,157	1,212,040,725	1,019,627,840	2,199,317,658	33
94,261	382,430,335	17,445,305	614,568,848	667,409,987	1,302,787,212	34
41,131	172,493,327	6,213,810	257,900,353	276,842,174	544,747,638	35
126,209	554,564,969	21,060,244	1,167,124,682	868,381,604	2,076,429,894	36
82,290	343,221,123	10,493,552	535,277,999	544,358,234	1,094,890,755	37
39,463	156,459,389	48,906,803	211,985,178	345,331,758	600,614,113	38
15,860	83,820,067	8,672,360	832,281,847	183,210,470	1,038,921,694 <sup>1</sup>	39
53,576	231,088,850	48,276,330	550,373,048	643,585,845	1,233,468,926	40
41,011	136,672,822	4,877,019	195,988,613	243,880,064	441,650,675	41
<b>1,273,683</b>	<b>4,764,608,697</b>	<b>470,508,092</b>	<b>11,624,824,511</b>	<b>9,437,469,060</b>	<b>21,434,115,270</b>	<b>42</b>

<sup>1</sup> See footnote 2, Table 2.





TABLE 5. Principal Statistics by Industrial Groups, 1957-61<sup>1</sup> - Concluded

No.	Industrial groups	Establishments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1959								
1	Food and beverage industries .....	7,519	27,315	11,401	174,267,007	114,471	35,967	480,752,266
2	Tobacco products industries .....	39	995	507	8,403,593	3,766	5,019	29,674,625
3	Rubber industries .....	86	3,814	1,532	26,485,092	12,551	3,185	60,399,081
4	Leather industries .....	572	2,611	1,387	18,315,786	14,944	12,473	65,223,409
5	Textile industries .....	854	8,782	4,004	61,403,799	32,335	17,183	137,236,601
6	Knitting mills .....	313	1,314	1,057	10,953,800	5,754	13,251	42,384,478
7	Clothing industries .....	2,258	6,721	4,655	54,506,360	19,826	54,979	168,088,784
8	Wood industries .....	6,002	11,979	2,012	54,400,743	69,282	2,908	216,817,987
9	Furniture and fixture industries .....	1,898	4,565	1,597	27,609,644	24,340	2,826	80,697,833
10	Paper and allied industries .....	544	13,506	4,735	110,428,534	67,662	8,532	321,371,581
11	Printing, publishing and allied industries .....	3,300	16,941	10,887	126,650,605	35,074	8,720	178,677,100
12	Primary metal industries .....	398	13,314	3,341	98,062,409	71,027	703	336,117,394
13	Metal fabricating (except machinery and transport- ation equipment industries) .....	2,576	18,936	6,355	128,074,843	68,382	5,376	291,845,487
14	Machinery industries (except electrical machinery) ..	508	10,129	3,338	67,948,485	30,283	1,273	131,927,721
15	Transportation equipment industries .....	630	21,736	5,693	158,686,513	83,155	3,122	373,579,446
16	Electrical products industries .....	510	20,052	6,866	142,954,489	39,093	15,718	204,284,897
17	Non-metallic mineral products industries .....	1,176	6,564	1,856	41,920,690	31,420	2,046	130,722,007
18	Petroleum and coal products industries .....	84	4,901	1,497	40,240,557	7,795	59	41,303,678
19	Chemical and chemical products industries .....	1,042	13,845	6,876	107,752,026	27,349	5,560	131,374,428
20	Miscellaneous manufacturing industries .....	1,768	7,487	3,705	53,929,012	20,537	11,030	95,063,093
21	Canada .....	32,077	215,507	83,301	1,512,493,987	779,046	209,930	3,517,541,896
1960								
22	Food and beverage industries .....	7,598	28,017	11,676	185,449,065	114,902	36,351	495,794,694
23	Tobacco products industries .....	39	1,040	532	8,940,381	3,703	4,456	29,414,102
24	Rubber industries .....	89	3,668	1,517	26,764,721	11,984	3,129	57,766,415
25	Leather industries .....	580	2,613	1,341	18,819,691	14,133	12,179	64,628,050
26	Textile industries .....	886	8,499	3,794	61,514,305	31,958	16,475	141,113,778
27	Knitting mills .....	356	1,478	1,225	12,660,543	5,760	12,716	42,622,440
28	Clothing industries .....	2,306	6,739	4,504	55,942,943	19,335	55,789	169,688,954
29	Wood industries .....	5,730	11,596	2,037	55,829,387	66,333	2,768	222,359,520
30	Furniture and fixture industries .....	2,070	4,876	1,651	28,945,567	24,331	2,880	82,060,655
31	Paper and allied industries .....	565	14,179	5,062	119,379,077	67,691	8,349	338,844,330
32	Printing, publishing, and allied industries .....	3,410	17,876	11,034	134,600,345	35,268	8,871	185,780,567
33	Primary metal industries .....	404	14,085	3,469	105,170,960	71,001	703	345,885,762
34	Metal fabricating (except machinery and transport- ation equipment industries) .....	2,756	18,999	6,331	132,880,111	66,433	5,114	290,937,838
35	Machinery industries (except electrical machinery) ..	519	10,489	3,421	74,211,508	28,268	1,191	124,290,047
36	Transportation equipment industries .....	677	21,629	5,485	156,978,091	79,157	2,889	362,754,330
37	Electrical products industries .....	536	20,116	6,816	148,513,798	37,243	14,652	200,658,128
38	Non-metallic mineral products industries .....	1,296	6,989	1,951	44,811,053	30,367	2,001	127,614,122
39	Petroleum and coal products industries .....	91	4,939	1,481	41,185,020	7,841	54	43,060,777
40	Chemical and chemical products industries .....	1,063	14,122	6,816	114,196,407	27,679	5,223	137,712,236
41	Miscellaneous manufacturing industries .....	1,881	7,917	3,857	58,586,178	21,304	11,129	102,237,144
42	Canada .....	32,852	219,866	84,000	1,585,279,151	764,691	206,919	3,565,223,689
1961								
43	Food and beverage industries .....	7,444	27,020	11,548	185,512,129	114,086	36,201	502,483,844
44	Tobacco products industries .....	38	1,007	557	9,070,524	3,752	4,126	30,083,354
45	Rubber industries .....	93	3,300	1,298	24,226,119	11,386	2,876	57,777,666
46	Leather industries .....	555	2,550	1,334	18,742,890	14,569	12,066	70,831,353
47	Textile industries .....	883	8,267	3,784	61,965,813	33,101	17,392	150,591,976
48	Knitting mills .....	358	1,552	1,140	12,532,781	5,805	12,962	44,936,601
49	Clothing industries .....	2,307	6,312	4,383	53,466,318	19,821	57,212	180,922,161
50	Wood industries .....	5,251	10,342	2,019	53,768,915	64,947	2,334	226,561,789
51	Furniture and fixture industries .....	2,089	4,629	1,633	28,986,091	23,969	2,923	83,459,582
52	Paper and allied industries .....	569	13,874	4,822	118,076,480	68,151	8,015	353,060,685
53	Printing, publishing and allied industries .....	3,428	18,160	10,974	139,940,194	34,851	8,794	187,960,676
54	Primary metal industries .....	410	14,189	3,217	109,065,905	69,133	699	348,553,446
55	Metal fabricating (except machinery and transport- ation equipment industries) .....	2,859	17,965	5,971	127,372,439	65,579	5,096	294,543,505
56	Machine industries (except electrical machinery) .....	546	10,595	3,408	74,608,704	26,873	1,207	120,997,741
57	Transportation equipment industries .....	671	20,645	5,332	154,476,284	78,745	2,987	367,994,063
58	Electrical products industries .....	531	20,497	6,524	150,566,765	36,983	15,527	203,001,314
59	Non-metallic mineral products industries .....	1,292	6,607	1,870	44,615,733	29,500	2,151	129,471,453
60	Petroleum and coal products industries .....	91	4,831	1,399	41,915,843	7,771	52	43,424,021
61	Chemical and chemical products industries .....	1,072	13,673	6,668	116,724,359	26,606	5,220	137,279,934
62	Miscellaneous manufacturing industries .....	1,928	7,783	3,991	59,699,376	22,568	11,947	112,178,143
63	Canada .....	32,415	213,798	81,872	1,585,333,662	758,195	211,081	3,646,113,307

<sup>1</sup> See footnote 7, Table 1.



TABLE 5. Principal Statistics by Industrial Groups, 1957-61<sup>1</sup> - Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments	No.
number			dollars			
189,154	655,019,273	67,442,232	2,948,406,302	1,587,326,774	4,621,332,678	1
10,287	38,078,218	902,731	214,388,129	109,690,496	324,652,469	2
21,082	86,884,173	5,425,093	161,815,916	195,196,913	354,045,241	3
31,415	83,539,195	2,283,914	144,713,086	130,824,863	273,092,719	4
62,304	198,640,400	14,806,138	423,705,296	353,168,525	785,622,807	5
21,376	53,338,278	1,942,954	98,359,623	92,383,194	190,522,360	6
86,181	222,595,144	2,907,983	397,650,055	357,028,852	751,805,834	7
86,181	271,218,730	17,174,119	552,701,252	447,687,468	1,015,657,164	8
33,328	108,307,477	3,831,014	165,973,699	170,688,475	338,150,934	9
94,435	431,800,115	113,780,342	938,248,927	981,521,961	2,030,093,187	10
71,622	304,827,705	5,941,000	256,237,034	547,105,148	804,768,758	11
88,385	434,179,803	82,914,027	1,457,394,162	1,048,263,609	2,565,092,848	12
99,049	419,920,330	18,727,192	683,511,999	732,989,522	1,420,315,253	13
45,023	199,876,206	7,095,870	300,149,602	327,674,553	614,035,212	14
113,706	532,265,959	20,458,156	1,127,179,611	894,489,851	2,011,433,113	15
81,729	347,239,386	11,525,151	568,951,051	608,878,123	1,161,677,067	16
41,886	172,642,697	48,921,458	235,259,274	377,405,806	655,618,841	17
14,252	81,544,235	9,949,715	864,765,494	241,801,296	1,114,602,526	18
53,630	239,126,454	50,869,593	584,260,150	676,991,704	1,310,153,946	19
42,759	148,992,105	5,125,663	215,085,577	272,165,376	486,960,209	20
<b>1,287,784</b>	<b>5,030,035,883</b>	<b>492,024,345</b>	<b>12,338,756,239</b>	<b>10,153,282,509</b>	<b>22,829,633,166</b>	<b>21</b>
190,946	681,243,759	68,442,836	2,962,518,410	1,651,527,604	4,668,363,133	22
9,731	38,354,483	975,267	218,138,783	115,961,261	334,369,583	23
20,298	84,531,136	5,223,477	152,839,548	173,810,837	328,459,312	24
30,266	83,447,741	2,250,750	133,298,689	129,340,597	265,667,310	25
60,726	202,628,083	14,671,577	423,491,645	362,161,960	795,930,026	26
21,179	55,282,983	1,789,757	103,835,383	95,008,019	199,566,156	27
86,367	225,631,897	2,959,613	400,715,963	363,834,687	762,967,070	28
82,734	278,188,907	17,752,421	560,870,715	432,143,952	1,007,333,001	29
33,738	111,006,222	3,799,531	164,161,786	174,560,997	341,989,146	30
95,281	458,223,407	116,087,735	978,957,863	1,034,429,583	2,125,894,677	31
73,049	320,280,912	6,328,986	268,632,349	572,282,351	845,827,676	32
89,258	451,056,722	88,095,709	1,555,515,212	1,090,862,239	2,728,773,897	33
96,877	423,817,949	18,674,827	666,231,003	727,154,727	1,412,484,773	34
43,369	198,501,555	6,846,364	297,538,146	326,987,393	637,673,848	35
109,160	519,732,421	20,768,446	1,098,058,054	866,355,179	1,999,758,033	36
78,827	349,171,926	11,695,252	548,102,187	606,937,655	1,165,736,538	37
41,308	172,425,175	47,091,870	229,449,762	366,643,786	639,089,796	38
14,315	84,245,797	9,555,852	866,018,119	282,254,861	1,150,421,636	39
53,840	251,908,643	55,701,838	585,691,534	728,461,679	1,357,688,488	40
44,207	160,823,322	5,275,204	231,039,066	279,428,432	511,810,029	41
<b>1,275,476</b>	<b>5,150,503,040</b>	<b>503,987,312</b>	<b>12,445,104,217</b>	<b>10,380,147,799</b>	<b>23,279,804,128</b>	<b>42</b>
188,855	687,995,973	70,226,063	3,148,673,188	1,704,714,596	4,905,434,328	43
9,442	39,153,878	1,035,202	205,297,105	128,639,932	334,983,236	44
18,860	82,003,785	5,276,047	148,683,954	171,593,527	331,134,713	45
31,413	89,574,243	2,273,986	151,406,469	140,387,914	291,068,523	46
62,544	212,557,789	15,113,355	468,001,049	392,688,681	875,287,700	47
21,459	57,469,382	1,926,924	117,361,967	100,641,407	219,295,978	48
87,728	234,368,479	3,018,960	427,523,380	377,072,432	801,535,491	49
80,042	280,330,704	20,339,546	584,792,751	431,372,733	1,035,343,618	50
33,153	112,445,673	3,906,981	174,635,120	185,102,995	362,062,105	51
94,862	471,137,165	122,289,492	1,021,502,882	1,071,316,186	2,205,734,053	52
72,779	327,900,870	6,549,633	275,716,714	591,099,208	872,292,337	53
87,238	457,619,351	87,898,002	1,591,688,041	1,129,978,204	2,806,483,787	54
94,611	421,915,944	18,959,670	734,400,126	739,018,830	1,492,690,845	55
42,083	195,606,445	6,860,260	303,943,943	329,763,583	639,739,426	56
107,709	522,470,347	20,123,675	1,130,170,158	828,669,699	1,960,777,154	57
79,531	353,568,079	11,376,389	585,351,554	617,534,041	1,205,534,321	58
40,128	174,087,186	46,500,939	250,116,408	381,393,965	675,012,816	59
14,053	85,339,864	11,351,202	920,630,338	290,698,500	1,220,193,764	60
52,167	254,004,293	54,693,816	623,943,855	760,927,799	1,433,878,158	61
46,289	171,877,519	5,704,613	263,868,974	309,523,448	574,812,594	62
<b>1,264,946</b>	<b>5,231,446,969</b>	<b>515,384,755</b>	<b>13,127,707,976</b>	<b>10,682,137,680</b>	<b>24,243,294,949</b>	<b>63</b>

<sup>1</sup> See footnote 2, Table 2.





TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup>

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	<b>1. Food and beverage industries:</b>							
	Meat products industries:							
	Slaughtering and meat processors:							
1	Slaughtering and meat packing plant .....	242	4,034	1,271	29,298,674	15,988	3,782	83,626,571
2	Animal oils and fats plants .....	17	80	18	509,471	346	7	1,347,335
3	Sausage and sausage casing manufacturers .....	85	269	72	1,826,693	827	410	3,799,944
	Dairy products industries:							
	Dairy factories:							
4	Butter and cheese plants .....	914	1,484	725	6,995,913	4,955	329	15,038,243
5	Pasteurizing plants .....	732	2,384	1,414	15,603,645	17,260	620	68,751,884
6	Condenseries .....	23	165	79	996,142	823	61	3,192,506
7	Ice cream manufacturers .....	41	188	118	1,510,911	958	199	4,056,361
8	Process cheese manufacturers .....	10	199	66	1,910,867	560	270	3,203,653
	Fish products industry:							
9	Fish products industry .....	340	1,267	349	6,650,398	8,061	3,865	23,783,493
	Fruit and vegetable canners and preservers:							
10	Fruit and vegetable canners and preservers .....	335	1,926	1,044	14,890,183	7,074	6,423	34,561,606
	Grain mills:							
11	Feed manufacturers .....	958	1,725	519	8,836,726	4,698	97	15,676,142
12	Flour mills .....	54	874	426	6,236,440	2,519	145	10,684,724
13	Breakfast cereal manufacturers .....	19	190	123	1,715,169	775	383	4,914,416
	Bakery products industries:							
14	Biscuit manufacturers .....	48	498	285	3,767,477	2,164	2,998	14,547,258
15	Bakeries .....	2,529	3,758	1,232	19,172,391	23,295	7,352	96,580,711
	Other food processors:							
16	Confectionery manufacturers .....	194	743	634	6,453,528	3,420	4,358	21,634,989
17	Sugar refineries .....	11	462	127	3,928,610	2,185	272	9,841,734
18	Vegetable oil mills .....	12	137	32	1,060,429	364	4	1,515,995
	Miscellaneous food industries:							
19	Macaroni manufacturers .....	18	63	36	581,521	451	306	2,021,491
20	Miscellaneous food manufacturers .....	267	2,110	1,203	18,014,401	4,570	3,039	25,080,090
	Beverage manufacturers:							
21	Soft drink manufacturers .....	502	1,937	829	13,616,226	4,788	286	16,149,543
22	Distilleries .....	19	854	440	7,439,742	2,108	921	13,561,545
23	Breweries .....	54	1,551	457	13,321,723	5,576	39	27,559,826
24	Wineries .....	20	122	49	1,174,849	321	35	1,353,784
25	<b>Totals</b> .....	<b>7,444</b>	<b>27,020</b>	<b>11,548</b>	<b>185,512,129</b>	<b>114,086</b>	<b>36,201</b>	<b>502,483,844</b>
	<b>2. Tobacco products industries:</b>							
26	Leaf tobacco processing .....	16	208	30	1,477,879	1,035	352	3,744,690
27	Tobacco products manufacturers .....	22	799	527	7,592,645	2,717	3,774	26,338,664
28	<b>Totals</b> .....	<b>38</b>	<b>1,007</b>	<b>557</b>	<b>9,070,524</b>	<b>3,752</b>	<b>4,126</b>	<b>30,083,354</b>
	<b>3. Rubber industries:</b>							
29	Rubber footwear manufacturers .....	6	435	228	2,610,868	1,871	1,489	10,058,800
30	Rubber tire and tube manufacturers .....	10	1,432	504	10,772,704	5,328	238	27,241,246
31	Other rubber industries .....	77	1,433	566	10,842,547	4,187	1,149	20,477,620
32	<b>Totals</b> .....	<b>93</b>	<b>3,300</b>	<b>1,298</b>	<b>24,226,119</b>	<b>11,386</b>	<b>2,876</b>	<b>57,777,666</b>
	<b>4. Leather industries:</b>							
33	Leather tanneries .....	44	309	111	2,352,822	2,823	295	11,219,542
34	Shoe factories .....	237	1,621	880	11,715,781	9,002	9,363	45,383,795
35	Leather glove factories .....	56	107	46	737,434	458	751	2,732,259
	Luggage, handbag and small leather goods manufacturers:							
36	Boot and shoe findings manufacturers .....	37	128	76	896,078	671	401	2,672,953
37	Miscellaneous leather products manufacturers .....	181	385	221	3,040,775	1,615	2,150	8,822,804
38	<b>Totals</b> .....	<b>555</b>	<b>2,550</b>	<b>1,334</b>	<b>18,742,890</b>	<b>14,569</b>	<b>12,960</b>	<b>70,831,353</b>

<sup>1</sup> See Text—Changes in Classification and Concept.



TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup>

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments	No.
number			dollars			
25,075	112,925,245	6,502,108	893,822,118	182,740,227	1,080,913,148	1
451	1,856,806	476,564	4,187,030	5,321,865	9,862,305	2
1,578	5,626,637	494,003	22,020,687	11,854,110	34,134,370	3
7,493	22,034,156	6,126,544	273,893,861	44,447,434	323,899,706	4
21,678	84,355,529	8,698,238	267,020,276	136,176,755	411,616,839	5
1,128	4,188,648	1,278,833	58,297,103	18,998,801	77,086,280	6
1,463	5,567,272	784,441	19,213,047	12,216,409	32,165,940	7
1,095	5,114,520	186,759	28,632,088	18,129,270	46,736,373	8
13,542	30,433,891	2,950,572	110,691,831	59,475,093	169,825,334	9
16,467	49,451,789	4,144,550	198,676,777	131,226,180	328,098,257	10
7,039	24,512,868	4,505,774	225,930,728	59,617,185	289,660,606	11
3,964	16,921,164	1,685,756	173,682,471	45,274,550	220,586,667	12
1,471	6,629,585	520,301	15,650,720	23,632,380	40,036,251	13
5,945	18,314,735	1,099,062	42,221,627	44,616,114	87,647,846	14
35,637	115,753,102	10,846,436	164,609,027	194,337,555	369,637,256	15
9,155	28,088,517	1,532,734	71,244,799	68,366,277	140,537,003	16
3,046	13,770,344	2,684,782	86,345,969	41,365,699	133,453,375	17
537	2,576,424	889,324	53,983,095	8,724,504	62,674,794	18
856	2,603,012	289,871	10,027,078	8,672,786	18,800,089	19
10,922	43,094,491	4,436,890	252,773,582	152,206,365	408,178,870	20
7,840	29,765,769	4,381,157	52,871,111	116,068,270	172,647,090	21
4,323	21,001,287	2,227,831	55,038,271	113,895,198	169,207,919	22
7,623	40,881,549	3,299,748	59,061,535	197,398,696	259,438,200	23
527	2,528,633	183,785	8,778,357	9,952,873	18,589,810	24
188,855	687,993,973	70,226,063	3,148,673,168	1,704,714,598	4,905,434,328	25
1,625	5,222,569	323,544	82,821,722	21,176,148	105,026,789	26
7,817	33,931,309	711,658	122,475,383	107,463,784	229,956,447	27
9,442	39,153,878	1,035,202	205,297,105	128,639,932	334,983,236	28
4,023	12,669,668	398,636	12,445,572	19,462,576	32,578,663	29
7,502	38,013,950	2,674,507	87,174,440	84,855,754	180,248,120	30
7,335	31,320,167	2,202,904	49,063,942	67,275,197	118,307,930	31
18,860	82,003,785	5,276,047	148,683,954	171,593,527	331,134,713	32
3,538	13,572,364	1,079,300	38,364,107	19,495,638	57,862,467	33
20,866	57,099,576	784,469	83,970,518	89,563,348	173,123,858	34
1,362	3,469,693	64,767	5,199,005	5,343,728	10,483,875	35
1,276	3,569,031	109,769	6,214,913	5,984,944	12,303,921	36
4,371	11,863,579	235,681	17,657,926	20,000,256	37,294,402	37
31,413	89,574,243	2,273,986	151,406,489	140,387,914	291,068,523	38

<sup>1</sup> See footnote 2, Table 2.





TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup> - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
<b>5. Textile industries:</b>								
1	Cotton yarn and cloth mills .....	39	1,931	818	12,783,593	10,067	4,568	43,016,210
	<b>Woollen mills:</b>							
2	Wool yarn mills .....	26	135	101	1,166,020	634	1,057	4,528,906
3	Wool cloth mills .....	55	518	246	3,802,068	3,455	1,866	15,673,061
	<b>Synthetic textile mills:</b>							
4	Synthetic textile mills .....	56	2,647	1,022	19,718,200	9,512	2,668	39,674,497
	<b>Other primary textile mills:</b>							
5	Fibre preparing mills .....	30	103	31	847,993	614	104	2,312,252
6	Thread mills .....	16	253	209	1,838,233	310	410	1,872,051
7	Cordage and twine industry .....	15	136	61	1,041,354	560	196	2,625,988
8	Narrow fabric mills .....	47	173	104	1,409,323	962	896	5,075,253
9	Pressed and punched felt mills .....	10	52	36	519,420	311	18	1,117,036
10	Carpet, mat and rug industry .....	15	205	113	1,751,515	913	505	4,187,869
11	Textile dyeing and finishing plants .....	54	237	106	2,059,487	1,377	249	5,240,033
12	Linoleum and coated fabrics industry .....	16	544	153	4,322,282	1,513	99	6,463,597
	<b>Other textile industries:</b>							
13	Canvas products industry .....	132	284	127	1,755,734	607	671	3,067,055
14	Cotton and jute bag industry .....	29	124	53	1,166,555	305	542	2,082,043
	<b>Miscellaneous textile industries:</b>							
15	Automobile fabric accessory manufacturers .....	26	121	55	947,843	254	420	1,945,307
16	Embroidery, pleating, hemstitching manufacturers .....	130	182	80	1,278,734	471	805	2,890,499
17	Miscellaneous textiles n.e.s. industry .....	187	622	469	5,557,459	1,236	2,318	8,820,319
18	<b>Totals</b> .....	<b>883</b>	<b>8,267</b>	<b>3,784</b>	<b>61,965,813</b>	<b>33,101</b>	<b>17,392</b>	<b>150,591,976</b>
<b>6. Knitting mills:</b>								
19	Hosiery mills .....	166	575	380	4,303,493	2,514	4,808	17,944,277
20	Other knitting mills .....	192	977	760	8,229,288	3,291	6,154	26,992,324
21	<b>Totals</b> .....	<b>358</b>	<b>1,552</b>	<b>1,140</b>	<b>12,532,781</b>	<b>5,805</b>	<b>12,962</b>	<b>44,936,601</b>
<b>7. Clothing industries:</b>								
	<b>Men's clothing industry:</b>							
22	Men's clothing factories .....	488	2,277	1,518	18,440,828	7,878	17,695	61,784,128
23	Men's clothing contractors .....	136	205	62	1,078,433	1,352	3,852	10,037,623
	<b>Women's clothing industry:</b>							
24	Women's clothing factories .....	633	1,675	1,439	17,251,210	5,032	17,783	57,237,079
25	Women's clothing contractors .....	184	201	114	1,135,357	494	4,667	9,248,486
26	Children's clothing industry .....	182	434	348	3,960,420	1,317	6,050	14,916,864
27	Fur goods industry .....	444	718	190	4,259,013	1,751	1,017	9,472,070
28	Hat and cap industry .....	130	364	175	2,651,972	1,324	2,087	8,566,391
29	Foundation garment industry .....	42	271	422	3,341,241	369	2,851	6,561,413
	<b>Other clothing industries:</b>							
30	Fabric glove manufacturers .....	13	41	37	413,313	107	572	1,261,341
31	Miscellaneous clothing, n.e.s. industry .....	55	128	78	934,531	197	638	1,836,766
32	<b>Totals</b> .....	<b>2,307</b>	<b>6,312</b>	<b>4,383</b>	<b>53,466,318</b>	<b>19,821</b>	<b>57,212</b>	<b>180,922,161</b>
<b>8. Wood industries:</b>								
33	Sawmills .....	3,260	5,287	784	24,473,606	34,864	199	120,226,080
34	Shingle mills .....	53	87	31	557,427	1,270	8	5,610,893
35	Veneer and plywood mills .....	75	873	229	6,182,479	8,459	1,548	36,200,915
	<b>Sash and door and planing mills:</b>							
36	Sash and door and planing mills (excluding hardwood flooring) .....	1,356	2,835	593	14,833,753	12,603	144	40,024,385
37	Hardwood flooring .....	19	92	36	678,909	1,019	61	2,950,661
38	Wooden box factories .....	160	339	89	1,826,627	2,108	266	8,216,204
39	Coffin and casket industry .....	64	136	57	916,631	977	180	3,255,368
	<b>Miscellaneous wood industries:</b>							
40	Wood handles and turning .....	60	144	43	811,477	938	102	2,604,103
41	Woodenware .....	25	60	12	345,230	290	119	860,760
42	Cooperage .....	33	92	34	471,883	341	15	1,050,104
43	Miscellaneous wood industries, n.e.s. (including wood preservation) .....	146	397	111	2,670,893	2,078	92	7,562,316
44	<b>Totals</b> .....	<b>5,231</b>	<b>10,342</b>	<b>2,019</b>	<b>53,768,915</b>	<b>64,947</b>	<b>2,734</b>	<b>226,561,789</b>

<sup>1</sup> See Text—changes in classification and concept.



TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup> - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments	No.
number			dollars			
17,384	55,799,803	4,440,661	136,226,684	96,215,791	236,711,105	1
1,927	5,694,926	358,130	14,165,175	9,422,042	24,030,189	2
6,085	19,475,129	1,315,904	36,227,424	32,349,600	68,443,002	3
15,849	59,392,697	5,046,699	118,305,942	123,477,735	248,717,577	4
852	3,160,245	266,401	8,813,015	5,506,053	14,840,990	5
1,182	3,710,284	172,252	9,414,388	6,963,656	16,019,744	6
953	3,667,342	189,697	10,294,998	6,285,327	16,671,720	7
2,135	6,484,576	289,562	10,928,663	12,389,364	23,539,309	8
417	1,636,456	132,642	3,669,744	2,998,324	6,812,549	9
1,736	5,939,384	466,148	17,606,656	11,441,745	29,314,331	10
1,969	7,299,520	850,265	5,614,268	12,025,785	18,520,424	11
2,309	10,785,879	612,128	19,038,826	17,228,358	36,967,315	12
1,689	4,822,789	176,099	9,494,965	8,221,104	17,952,327	13
1,024	3,248,598	159,078	21,889,524	6,604,607	28,670,018	14
850	2,893,150	78,443	7,878,389	5,333,889	13,190,549	15
1,538	4,169,233	84,296	2,256,775	6,303,209	8,625,459	16
4,645	14,377,778	474,950	36,176,613	29,924,092	66,261,092	17
62,544	212,557,789	15,113,355	468,001,049	392,688,681	875,287,700	18
8,277	22,247,770	740,460	35,414,920	40,497,514	75,679,385	19
13,182	35,221,612	1,186,464	81,947,047	60,143,893	143,616,593	20
21,459	57,469,382	1,926,924	117,361,967	100,641,407	219,295,978	21
29,368	80,224,956	1,023,838	157,760,437	123,614,414	279,088,853	22
5,471	11,116,056	162,862	1,498,798	13,715,046	15,344,832	23
25,927	74,488,289	704,271	151,134,488	127,738,427	277,477,796	24
5,476	10,383,843	142,153	1,078,672	12,968,477	14,261,384	25
8,149	18,877,284	238,421	43,224,615	30,329,875	73,256,354	26
3,676	13,731,083	256,728	36,930,703	22,550,634	59,553,536	27
3,950	11,218,363	282,165	13,266,512	17,885,349	31,475,380	28
3,913	9,902,654	122,834	14,807,384	20,823,773	35,841,568	29
757	1,674,654	41,301	2,945,141	2,813,493	5,733,223	30
1,041	2,771,297	44,387	4,876,630	4,632,944	9,502,565	31
87,728	234,388,479	3,018,960	427,523,380	377,072,432	801,535,491	32
41,134	144,699,686	11,380,488	306,238,148	218,227,808	534,590,574	33
1,396	6,168,320	337,099	8,217,324	7,816,284	16,328,748	34
11,109	42,383,394	2,928,750	79,157,716	60,284,921	143,718,667	35
16,175	54,858,138	3,916,597	138,583,139	93,688,651	235,160,468	36
1,208	3,629,570	158,450	7,849,345	5,976,681	13,997,256	37
2,802	8,042,831	361,167	10,074,770	11,874,774	22,324,470	38
1,350	4,171,999	166,584	4,907,448	6,643,398	11,738,038	39
1,227	3,415,580	185,158	4,239,095	4,429,140	9,232,783	40
481	1,205,990	56,967	1,660,450	1,802,367	3,537,440	41
482	1,521,987	88,824	3,170,418	1,949,390	5,207,005	42
2,678	10,233,209	759,462	20,694,898	18,679,319	39,508,149	43
80,042	280,330,704	20,339,546	584,792,751	431,372,733	1,035,343,618	44

See footnote 2, Table 2.





TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup> - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
<b>9. Furniture and fixture industries:</b>								
1	Household furniture industry .....	1,580	2,916	882	16,807,085	14,632	1,506	49,342,168
2	Office furniture industry .....	44	382	166	2,677,732	2,229	76	8,025,710
3	Other furniture industries .....	403	1,205	495	8,513,279	6,593	876	23,848,558
4	Electric lamp and shade industry .....	62	126	90	987,995	514	465	2,243,146
5	Totals .....	2,089	4,629	1,633	28,986,091	23,968	2,923	83,459,582
<b>10. Paper and allied industries:</b>								
6	Pulp and paper mills .....	125	9,587	2,784	83,936,706	52,384	1,044	271,234,354
7	Asphalt roofing manufacturing .....	19	505	202	3,815,572	1,147	32	4,854,948
Paper box and bag manufacturers:								
8	Folding box and set-up box manufacturers .....	133	855	390	6,771,675	4,075	2,200	21,588,648
9	Corrugated box manufacturers .....	40	987	380	7,065,682	3,963	944	19,531,691
10	Paper bag manufacturers .....	62	454	245	3,412,823	1,646	1,297	9,428,398
11	Other paper converters .....	190	1,486	821	13,074,022	4,936	2,498	26,422,646
12	Totals .....	569	13,874	4,822	118,076,480	68,151	8,015	353,060,685
<b>11. Printing publishing and allied industries:</b>								
Commercial printing:								
13	Printing and bookbinding .....	1,688	3,920	1,907	27,803,802	11,699	4,366	60,127,514
14	Lithographing .....	326	1,531	929	13,075,251	5,769	2,053	32,867,773
Engraving, stereotyping and allied industries:								
15	Engraving and duplicate plates .....	171	715	328	6,116,841	2,663	398	16,360,835
16	Trade composition or typesetting .....	57	198	66	1,743,256	906	17	4,684,334
17	Publishing only .....	434	1,957	2,078	17,253,249	—	—	—
18	Printing and publishing .....	752	9,839	5,668	73,947,795	13,814	1,960	73,920,220
19	Totals .....	3,428	18,160	10,974	139,940,194	34,851	8,794	187,960,676
<b>12. Primary metal industries:</b>								
20	Iron and steel mills .....	42	4,814	1,213	40,169,947	28,344	175	152,941,951
21	Steel pipe and tube mills .....	18	532	114	3,923,794	2,574	13	13,881,838
22	Iron foundries .....	140	1,034	269	6,992,077	6,743	126	27,460,963
23	Smelting and refining .....	24	5,135	647	37,416,242	23,463	45	118,532,093
24	Aluminum rolling, casting and extruding .....	43	1,463	652	12,211,755	3,636	142	16,324,311
25	Copper and alloy rolling, casting and extruding .....	69	584	147	3,980,952	2,695	15	12,492,764
26	Metal rolling casting and extruding, n.e.s. ....	74	627	175	4,371,138	1,678	183	6,919,526
27	Totals .....	410	14,189	3,217	109,065,905	69,133	699	348,553,446
<b>13. Metal fabricating industries (except machinery and transportation equipment industries):</b>								
28	Boiler and plate works .....	68	1,078	300	7,222,830	3,105	28	12,839,021
29	Fabricated structural metal industry .....	78	3,020	645	21,145,158	10,080	44	47,264,374
30	Ornamental and architectural metal industry .....	549	2,116	576	13,269,089	6,563	250	25,576,844
31	Metal stamping pressing and coating industry .....	436	3,108	1,268	23,217,569	12,651	1,557	61,757,720
32	Wire and wire products manufacturers .....	199	2,090	823	16,752,106	8,234	848	40,106,497
33	Hardware, tool and cutlery manufacturers .....	308	1,199	616	10,157,201	5,644	1,092	26,112,257
34	Heating equipment manufacturers .....	112	1,066	376	7,605,964	3,423	68	13,405,964
35	Machine shops .....	778	1,666	415	9,427,932	5,944	119	23,487,435
36	Miscellaneous metal fabricating industries .....	331	2,622	952	18,574,590	9,935	1,090	43,993,393
37	Totals .....	2,859	17,965	5,971	127,372,439	63,579	5,096	294,543,505
<b>14. Machinery industries (except electrical machinery):</b>								
38	Agricultural implement industry .....	67	2,812	671	18,543,276	6,950	54	30,995,332
39	Miscellaneous machinery and equipment manufacturers .....	420	6,755	2,256	48,189,513	16,881	718	74,556,696
40	Commercial refrigeration and air conditioning equipment manufacturers .....	34	321	101	2,235,914	1,117	15	4,493,921
41	Office and store machinery manufacturers .....	25	707	380	5,640,001	1,925	420	10,951,792
42	Totals .....	546	10,595	3,408	74,608,704	26,873	1,207	120,997,741

<sup>1</sup> See Text - Changes in classification and concept.<sup>2</sup> See footnote 2, Table 2.



TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup> - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments	No.
number			dollars			
19,936	66,149,253	2,166,249	100,008,167	104,219,277	205,596,993	1
2,853	10,703,442	451,992	11,989,391	17,638,038	29,985,050	2
9,169	32,361,837	1,199,135	55,657,664	57,460,141	113,667,410	3
1,195	3,231,141	89,605	6,979,898	5,785,539	12,812,652	4
33,153	112,445,673	3,906,981	174,635,120	185,102,995	362,062,105	5
65,799	335,171,060	117,083,749	680,167,806	842,419,885	1,634,606,001	6
1,886	8,670,520	819,243	22,585,758	19,589,356	42,162,355	7
7,520	28,360,323	859,275	65,262,823	48,357,707	113,435,640	8
6,274	26,597,373	1,239,726	96,084,552	49,966,157	147,063,338	9
3,642	12,841,221	424,769	54,252,776	28,710,862	82,577,016	10
9,741	39,496,668	1,862,730	103,149,167	82,272,219	185,889,705	11
94,862	471,137,165	122,289,492	1,021,502,882	1,071,316,186	2,205,734,055	12
21,892	87,931,316	2,007,764	82,874,305	146,131,269	230,144,643	13
10,282	45,943,024	991,318	59,748,348	79,907,537	140,327,433	14
4,102	22,477,676	406,062	8,466,835	33,245,787	42,203,290	15
1,187	6,427,590	73,428	562,165	9,243,568	9,870,910	16
4,035	17,253,249	—	29,752,903	49,650,899	79,418,346	17
31,281	147,868,015	3,071,061	94,312,158	272,920,148	370,327,715	18
72,779	327,900,870	6,549,633	275,716,714	591,099,208	872,292,337	19
34,546	193,111,898	29,734,365	351,346,159	411,494,397	789,271,070	20
3,233	17,805,632	2,122,763	101,731,357	47,808,498	154,868,399	21
8,172	34,453,040	2,277,436	36,665,002	54,326,889	94,624,917	22
29,290	155,948,335	49,000,322	891,950,994	530,096,705	1,471,048,021 <sup>3</sup>	23
5,893	28,536,066	2,089,847	76,751,221	34,111,024	110,455,977	24
3,441	16,473,716	1,561,678	92,138,052	29,510,373	122,307,936	25
2,663	11,290,664	1,111,591	41,105,256	22,630,320	63,907,467	26
87,238	457,619,351	87,898,002	1,591,688,041	1,129,978,204	2,806,483,787	27
4,511	20,061,851	801,075	36,078,235	31,350,617	69,011,468	28
13,789	68,409,532	2,016,648	112,014,777	96,029,106	210,061,203 <sup>3</sup>	29
9,505	38,845,933	1,481,299	61,140,812	70,083,618	132,229,591	30
18,584	84,975,289	3,861,516	203,300,028	168,578,452	374,352,563	31
11,995	56,858,603	3,058,946	125,325,503	91,685,773	220,701,880	32
8,551	36,269,458	1,506,352	36,802,171	74,368,059	111,427,554	33
4,933	21,011,928	809,564	35,274,534	42,259,119	78,487,572	34
8,144	32,915,367	1,417,974	29,177,808	47,155,739	77,441,566	35
14,599	62,567,983	4,006,296	95,286,258	117,508,347	218,977,448	36
94,611	421,915,944	18,959,670	734,400,126	739,018,830	1,492,690,845	37
10,487	49,538,608	1,865,408	73,947,376	60,092,972	138,044,910	38
26,610	122,746,209	4,431,621	178,603,989	208,462,946	390,689,239	39
1,554	6,729,835	279,671	10,138,479	12,707,870	23,181,886	40
3,432	16,591,793	283,560	41,254,099	48,499,795	87,823,391	41
42,083	195,606,445	6,860,260	303,943,943	329,763,583	639,739,426	42

<sup>1</sup> Reported on a production basis.





TABLE 6. Principal Statistics of the Individual Industries, 1961<sup>1</sup> - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Salaries
			number		\$	number		\$
<b>15. Transportation equipment industries:</b>								
1	Aircraft and parts manufacturers .....	80	7,001	2,132	54,104,920	18,858	395	87,825,202
2	Motor vehicle manufacturers .....	17	4,353	1,190	36,257,404	15,799	331	84,681,109
3	Truck body and trailer manufacturers .....	112	613	188	3,990,477	2,549	19	9,301,370
4	Motor vehicle parts and accessories manufacturers .....	126	3,923	999	30,617,884	13,800	2,098	72,383,983
5	Railroad rolling stock industry .....	29	2,052	228	13,961,227	14,221	28	58,744,702
6	Ship building and repair .....	63	2,248	499	13,532,522	12,073	28	50,245,202
7	Boat building and repair .....	232	385	63	1,382,741	1,025	10	3,254,135
8	Miscellaneous vehicle manufacturers .....	12	70	33	629,109	420	78	1,558,360
9	<b>Totals</b> .....	<b>671</b>	<b>20,643</b>	<b>5,332</b>	<b>154,476,284</b>	<b>78,745</b>	<b>2,987</b>	<b>367,994,063</b>
<b>16. Electrical products industries:</b>								
10	Manufacturers of small electrical appliances .....	58	595	383	5,120,616	1,678	1,071	9,776,819
11	Manufacturers of major appliances (electric and non- electric) .....	43	2,274	773	15,279,076	7,580	457	31,582,799
12	Manufacturers of household radio and television re- ceivers .....	23	2,031	645	14,827,253	2,154	1,434	12,321,007
13	Communications equipment manufacturers .....	125	7,060	2,020	52,138,254	8,175	7,312	57,520,298
14	Manufacturers of electrical industrial equipment .....	97	4,982	1,481	37,159,889	8,324	1,617	43,785,549
15	Battery manufacturers .....	27	476	166	3,661,971	989	388	5,389,865
16	Manufacturers of electric wire and cable .....	25	1,542	403	10,578,548	4,190	213	19,888,437
17	Manufacturers of miscellaneous electrical products .....	133	1,537	653	11,801,158	3,893	3,035	22,736,540
18	<b>Totals</b> .....	<b>531</b>	<b>20,497</b>	<b>6,524</b>	<b>150,566,765</b>	<b>36,983</b>	<b>15,527</b>	<b>203,001,314</b>
<b>17. Non-metallic mineral products industries:</b>								
19	Cement manufacturers .....	20	473	83	3,774,587	2,555	2	12,922,598
20	Lime manufacturers .....	21	89	16	504,256	720	-	3,065,293
21	Gypsum products manufacturers .....	14	346	95	2,284,866	1,157	2	4,901,422
22	Concrete products manufacturers .....	616	1,624	313	8,894,480	6,368	34	22,565,474
23	Ready-mix concrete manufacturers .....	157	702	181	4,655,172	3,177	11	14,679,147
24	Clay products manufacturers:							
25	Clay products manufacturers (from domestic clays) ..	98	336	70	2,125,118	3,059	82	11,412,846
25	Clay products manufacturers (from imported clays) ..	28	233	87	1,710,875	985	323	5,067,385
26	Refractories manufacturers .....	16	163	35	1,047,506	472	-	1,961,035
27	Stone products manufacturers .....	134	273	47	1,403,706	762	13	2,525,390
28	Mineral wool manufacturers .....	9	260	82	1,995,123	629	-	2,881,935
29	Asbestos products manufacturers .....	15	326	151	2,758,310	1,518	106	7,377,465
30	Glass and glass products manufacturers:							
31	Glass manufacturers .....	12	769	285	5,289,609	4,505	1,155	22,925,924
31	Glass products manufacturers .....	97	450	230	3,647,653	1,663	317	7,677,577
32	Abrasives manufacturers .....	20	432	147	3,480,645	1,643	93	8,318,672
33	Other non-metallic mineral products industries .....	35	131	48	1,043,827	287	13	1,189,290
34	<b>Totals</b> .....	<b>1,292</b>	<b>6,607</b>	<b>1,870</b>	<b>44,615,733</b>	<b>29,500</b>	<b>2,151</b>	<b>129,471,453</b>
<b>18. Petroleum and coal products industries:</b>								
35	Petroleum refineries:							
36	Petroleum refining .....	44	4,629	1,336	40,496,789	7,218	52	41,019,247
36	Manufacturers of lubricating oils and greases .....	13	63	27	484,812	186	-	839,153
37	Other petroleum and coal products industries .....	34	139	36	934,242	367	-	1,565,621
38	<b>Totals</b> .....	<b>91</b>	<b>4,831</b>	<b>1,399</b>	<b>41,915,843</b>	<b>7,771</b>	<b>52</b>	<b>43,424,021</b>

<sup>1</sup> See Text - Changes in Classification and Concept.<sup>2</sup> See footnote 2, Table 2.

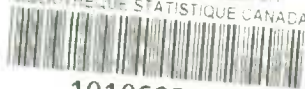


TABLE 6. Principal Statistics of the Individual Industries, 1961 - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
number			dollars			
28,386	141,930,122	3,016,295	157,845,455	192,084,988	348,245,173 <sup>1</sup>	1
21,673	120,938,513	5,084,684	603,349,583	277,150,529	870,942,359	2
3,369	13,291,847	518,815	25,839,904	21,835,815	48,090,709	3
20,820	103,001,867	5,385,949	185,994,866	160,762,326	352,778,908	4
16,529	72,705,929	4,058,970	99,139,009	78,737,715	182,569,012 <sup>1</sup>	5
14,848	63,777,724	1,793,768	48,136,186	86,668,409	136,629,459 <sup>1</sup>	6
1,483	4,636,876	186,765	5,643,727	5,569,834	12,626,110	7
601	2,187,469	78,429	4,221,428	4,860,083	8,895,424	8
107,709	522,470,347	20,123,675	1,130,170,158	828,669,699	1,960,777,154	9
3,727	14,897,435	543,435	31,201,286	33,275,218	64,864,043	10
11,084	46,861,875	2,689,795	109,910,325	92,496,459	206,212,477	11
6,264	27,148,260	483,851	71,894,285	44,322,797	118,553,445	12
24,567	109,658,552	1,491,951	93,749,901	163,288,472	251,084,190	13
16,404	80,945,438	2,365,089	86,811,512	129,314,600	218,881,168	14
2,019	9,051,836	499,380	20,385,132	19,147,198	40,048,638	15
6,348	30,466,985	1,833,532	103,353,297	62,185,216	162,601,505	16
9,118	34,537,698	1,429,356	68,045,816	73,504,081	143,288,855	17
79,531	353,568,079	11,336,389	585,351,554	617,534,041	1,205,534,321	18
3,113	16,697,185	16,262,241	14,358,880	76,422,986	107,246,086	19
825	3,569,549	2,238,931	1,784,960	8,954,831	12,989,077	20
1,600	7,186,288	1,589,161	14,318,154	18,712,604	34,343,004	21
8,339	31,459,954	3,614,159	44,445,312	65,268,932	111,871,135	22
4,071	19,334,319	3,436,765	66,200,775	35,779,286	105,340,562	23
3,547	13,537,964	5,610,938	4,733,718	24,182,091	35,169,009	24
1,628	6,778,260	831,343	5,562,132	12,925,011	19,362,713	25
670	3,008,541	612,077	8,752,337	8,785,440	17,884,741	26
1,095	3,929,096	300,587	4,404,317	6,924,410	11,557,346	27
971	4,877,058	888,452	5,782,258	9,459,267	16,117,789	28
2,101	10,135,775	920,775	13,850,375	20,853,977	35,735,016	29
6,714	28,215,533	4,131,273	21,098,981	44,338,779	68,110,652	30
2,660	11,325,230	809,505	22,401,885	22,082,121	45,043,541	31
2,315	11,799,317	4,880,685	16,642,693	21,479,927	42,942,366	32
479	2,233,117	374,047	5,679,631	5,226,303	11,299,779	33
40,128	174,087,186	46,500,939	250,116,408	381,393,965	675,012,816	34
13,235	81,516,036	10,820,117	899,836,714	276,271,921	1,184,176,374	35
276	1,323,965	147,900	11,807,241	5,519,514	17,452,028	36
542	2,499,863	323,185	8,986,383	8,907,065	18,565,362	37
14,053	85,339,864	11,351,202	920,630,338	290,698,500	1,220,193,764	38

<sup>1</sup> Reported on a production basis.

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