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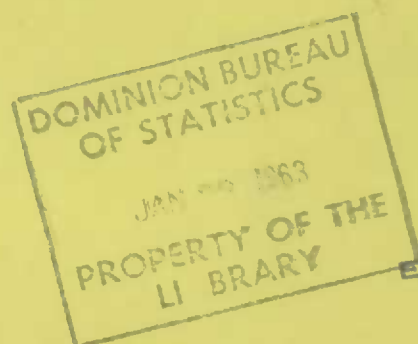


MANUFACTURING INDUSTRIES OF CANADA

Section A

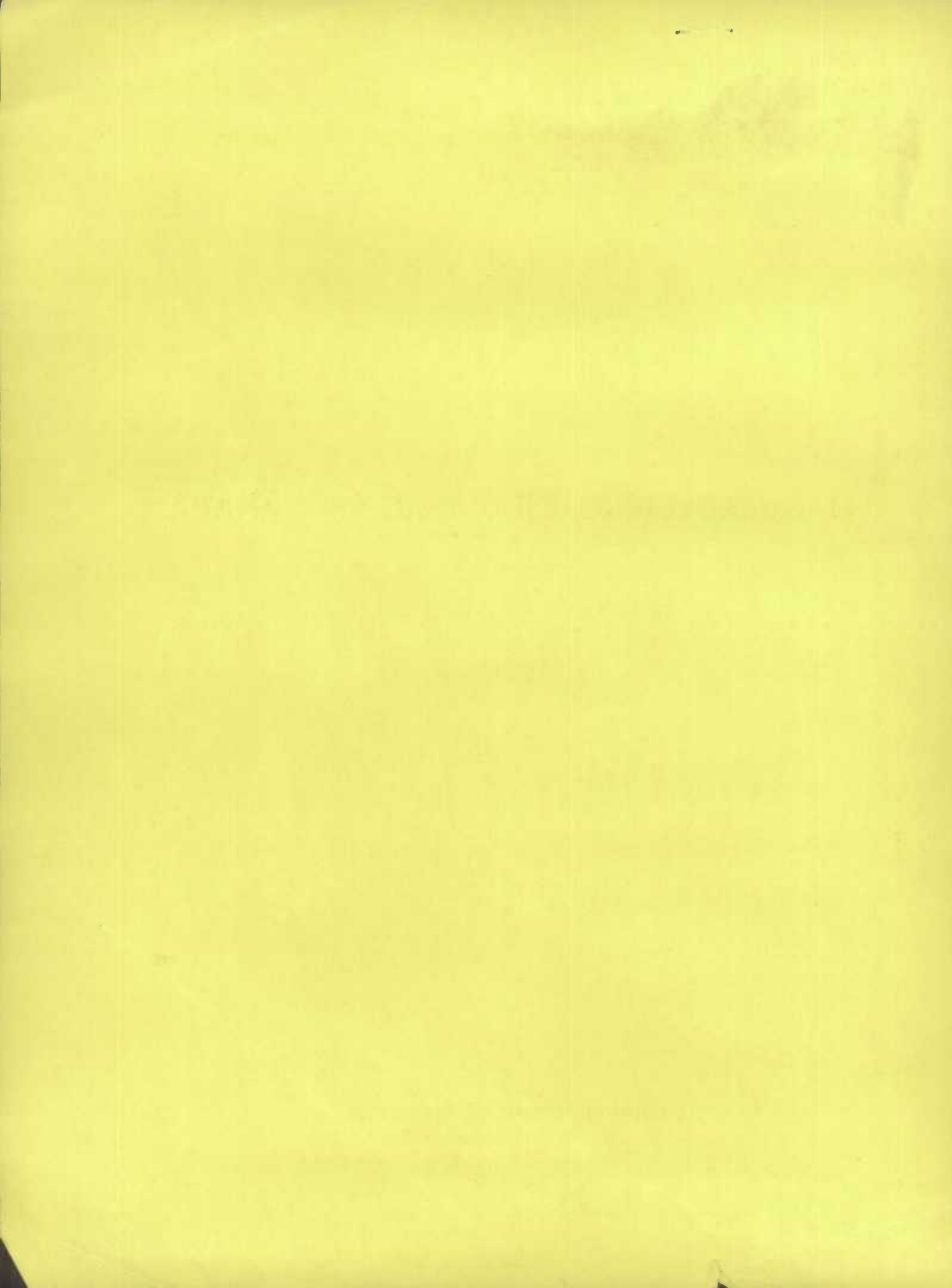
SUMMARY FOR CANADA

1960



DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division



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MANUFACTURING INDUSTRIES OF CANADA
Section A
SUMMARY FOR CANADA
1960

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MANUFACTURING INDUSTRIES OF CANADA

Section A
Summary for Canada
1980

The manufacturing sector of the Canadian economy has been a major contributor to the country's economic growth and development. In 1980, the manufacturing sector accounted for approximately 25% of the country's Gross Domestic Product (GDP). The sector has been characterized by a high level of productivity and a strong export orientation. The manufacturing sector has also been a major source of employment, with over 10 million people working in the sector in 1980. The manufacturing sector has been a major contributor to the country's economic growth and development, and it is expected to continue to play a major role in the Canadian economy in the future.

MANUFACTURING INDUSTRIES OF CANADA

Section A

SUMMARY FOR CANADA

1980

The manufacturing sector of the Canadian economy has been a major contributor to the country's economic growth and development. In 1980, the manufacturing sector accounted for approximately 25% of the country's Gross Domestic Product (GDP). The sector has been characterized by a high level of productivity and a strong export orientation. The manufacturing sector has also been a major source of employment, with over 10 million people working in the sector in 1980. The manufacturing sector has been a major contributor to the country's economic growth and development, and it is expected to continue to play a major role in the Canadian economy in the future.

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 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. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

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 1960 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

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory; sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

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.

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, ware-

housing and delivery staffs. 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 calendar years 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 but not their withdrawals for income tax. 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 works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies 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 refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant 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 are included. Goods bought or received as transfers

and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse 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 values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The revised Standard Industrial Classification which has been 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. It 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. 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.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most 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 intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

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MANUAL ACCOUNTING IN BUSINESS

CHAPTER 10

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MANUFACTURING INDUSTRIES OF CANADA

Section A

SUMMARY FOR CANADA

1960

Manufacturing statistics for 1960 were compiled in accordance with the Revised Standard Industrial Classification. The main feature of the revisions was the classification of manufacturing industries into twenty main groups in place of the eighteen groups formerly used. Furniture and fixtures was established as a new group while the Iron and steel products and Non-ferrous metal products groups were rearranged into three groups as follows:

- (a) Primary metal industries
- (b) Metal fabricating (excluding machinery and transportation equipment)
- (c) Machinery industries (excluding electrical machinery)

Individual industries in the Primary metal industries group can be distinguished between Iron and steel and Non-ferrous metals, but in the metal fabricating group no such distinction is possible. Developments in metallurgical processes and the use of alloys have resulted in alloy steels and non-ferrous alloys being used interchangeably for many purposes so that individual establishments and industries cannot now be classified on the basis of type of materials used. Also the machinery industries have become sufficiently important to constitute a major group which is both distinctive and homogeneous.

The S.I.C. in effect prior to 1960 provided for a separate Coke and gas industry as part of the Products of petroleum and coal group. This industry included, in addition to gas plants operated as utilities, those coke plants operated as divisions of (a) chemical plants and (b) wholly integrated steel mills. The new S.I.C. implemented in 1960 consolidated these divisional coke operations with the major activity in the appropriate industry and at the same time transferred the gas plants operated as utilities out of manufacturing to the Electric power, gas and water utilities group. The net effect of these changes was the complete abolition of the Coke and gas industry as a separate industry in the new S.I.C.

The consolidation of the divisional coke operations mentioned above, particularly those operated by the wholly integrated steel mills, had a major impact on the overall cost of materials reported on the revised S.I.C. Under the old S.I.C. basis, Coal which accounted for the major material cost in the old Coke and gas industry was, in effect, double counted, once as coal in the Coke and gas industry and again as coke in the Primary iron and steel industry. This double counting of coal was eliminated by the consolidation of these coking operations in accordance with the revised S.I.C. Under the latter concept the coke previously reported separately as part of the material cost in the old Primary

iron and steel industry is treated as an intermediate product of the steel mills and, accordingly, cost of same is not recorded. The effect of this treatment is a reduction in the overall cost of materials under the revised S.I.C.

The main differences between the revised and old classifications can be summarized as follows:
Foods, Beverages

Poultry processors are added as a separate industry. Under the old classification only the poultry processed by slaughterers and meat packers was included in the annual survey of manufactures. Now all establishments primarily engaged in killing, dressing, packing or canning poultry are included with manufacturing.

Vegetable oil mills are transferred to this group. Formerly they were included with Chemicals and allied products.

Textile Industries

Fibre preparing mills are constituted as a separate industry. These establishments were formerly included with:

- Miscellaneous cotton goods
- Miscellaneous woollen goods
- Miscellaneous textiles

Pressed and punched felt mills are constituted as a separate industry. These establishments were formerly included with:

- Miscellaneous woollen goods
- Miscellaneous cotton goods

Thread mills now include all establishments producing thread, regardless of the nature of the fibre used. Formerly only manufacturers of cotton thread were included with the Cotton thread industry.

The former Miscellaneous cotton goods and Miscellaneous woollen goods industries have been discarded.

The establishments of Miscellaneous cotton goods were transferred mostly to Fibre Preparing mills and Pressed and punched felt mills.

The establishments of Miscellaneous woollen goods were transferred mostly to Woollen cloth mills and Pressed and punched felt mills.

Clothing Industries

Fur dressing and dyeing was transferred to the Miscellaneous group of industries.

Wood Industries

Furniture industry was transferred from this group to the new group: Furniture and fixtures industries.

Furniture and Fixtures Industries

This group now includes the old Furniture industry plus establishments manufacturing furniture that were formerly included with the metal and miscellaneous industries groups. This group is now composed of the following industries:

- (a) Household furniture
- (b) Office furniture
- (c) Other furniture industries
- (d) Electric lamp and shade industry (formerly included with the Miscellaneous Group of industries).

Printing, Publishing and Allied Industries

Publishers of non-commercial periodicals, such as institutional publications, constituting over 1,000 reporting units are now excluded from the manufacturing sector. Included now, however, are publishers (only) of books which were formerly excluded.

Electrical Products Industries

1. Eight industries were established in place of the five industries formerly used.

2. In general, the new S.I.C. industry, Manufacturers of electrical industrial equipment, compares to the old S.I.C. industry, Heavy electrical machinery and equipment.

The following changes were made in the Metal and machinery industries;

Revised Classification

Primary metals

Iron and steel mills
Steel pipe and tube mills
Iron foundries
Smelting and refining
Aluminum rolling, casting and extruding
Copper and alloy rolling, casting and extruding
Metal rolling, casting and extruding, n.e.s.

Metal fabricating industries

(excluding machinery industries)

Boiler and plate works
Fabricated structural metal industry
Ornamental and architectural metal industry
Metal stamping, pressing and coating industry
Wire and wire products manufacturers
(excluding electric wire and cable)
Hardware, tool and cutlery manufacturers¹
Heating equipment manufacturers¹
Machine shops²
Miscellaneous metal fabricating industries

Machinery industries (excluding electrical machinery)

Agricultural implement industry
Miscellaneous machinery and equipment manufacturers
Commercial refrigeration and air conditioning equipment manufacturers
Office and store machinery manufacturers

Old Classification

Iron and steel products

Agricultural implements
Boilers, tanks and plate work
Bridge and structural steel work
Castings, iron
Hardware, tools and cutlery
Heating and cooking apparatus
Machinery, household, office and store
Machinery, industrial
Machine shops
Machine tools
Primary iron and steel
Sheet metal products
Wire and wire goods
Miscellaneous iron and steel products

Non-ferrous metal products

Aluminum products
Brass and copper products
Jewellery and silverware³
Non-ferrous metal smelting and refining
White metal alloys
Miscellaneous non-ferrous metal products

¹ Domestic stoves and ranges now included with Manufacturers of major appliances in the Electrical products group.

² Now includes tool and die making.

³ Transferred to Miscellaneous group of industries.

Non-metallic Mineral Products Industries

The Salt industry which was formerly considered both as mining as well as manufacturing is now considered only as a mining operation and has therefore been transferred to the Mining sector.

Petroleum and Coal Products Industries

Absorption plants transferred from the Petroleum refining industry to the Mining sector.

Chemical and Chemical Products Industries

The revised classification provides for a breakdown of the Chemical group into ten separate industries under the new title of Chemical and chemical products industries. This corresponds generally to the group formerly presented as Chemicals and allied products, except for the Vegetable oils industry which was transferred from the Chemical group to the Food and beverage industries group. The implementation of the new classification introduced a number of intra-industry changes, as follows:

1. Transfer of the Vegetable oils industry to the Food and beverage industries group.

2. Transfer of firms manufacturing fertilizer materials, such as ammonium nitrate, ammonium phosphate, etc., from the Fertilizers industry (old basis) to the new S.I.C. industry Manufacturers of Industrial chemicals. Manufacturers of superphosphate will continue to be classified to the new S.I.C. industry, Manufacturers of mixed fertilizers, along with firms manufacturing mixed fertilizers.

3. The abolition of the Coal tar distillation industry, the Compressed gases industry, the Adhesives industry and the Polishes and dressings industry as separate industries. Details formerly presented for the Compressed gases industry will now be included as part of the new S.I.C. industry, Manufacturers of Industrial chemicals. The remaining three industries will be included in the new S.I.C. industry, Other chemical industries, n.e.s.

4. Details relating to the manufacture of writing inks will now be included as part of the new S.I.C. industry, Other chemical industries, n.e.s.; printing inks will be covered separately in a new subdivision, Manufacturers of printing inks.

5. Statistics relating to the manufacture of synthetic rubber, previously included in the Miscellaneous chemical products industry (old basis) will now be included in the new S.I.C. industry, Manufacturers of Industrial chemicals.

6. Data relating to the manufacture of explosives, previously presented in the Miscellaneous chemical products industry (old basis) are now to be shown separately in a new S.I.C. industry, Explosives and ammunition manufacturers.

7. Changes in the following industries resulting from the implementation of the new S.I.C. may be generally considered as minimal. Manufacturers of pharmaceuticals and medicines (formerly the Medicinal and pharmaceutical preparations industry); Paint and varnish manufacturers (formerly the Paints, varnishes and lacquers industry); Manufacturers of soap and cleaning compounds (formerly the Soaps, washing compounds and cleaning preparations industry); Manufacturers of toilet preparations (formerly the Toilet preparations industry).

Miscellaneous Industries

Dental laboratories added as a new industry for the first time.

Venetian blind manufacturers now forms a separate industry. Formerly classified with Miscellaneous wood industries.

Fur dressing and dyeing transferred from the Clothing industries to this group.

Jewellery and silverware transferred from the Non-ferrous metal products to this group.

Electric lamp and shade industry transferred from this group to the Furniture and fixtures group.

The changes in classification listed above, the addition of new industries and the transfer of industries from manufacturing to other sectors of the economy, make it extremely difficult to compare the manufacturing statistics compiled on the revised classification basis with those compiled on the old basis. In order to get comparability for 1960 figures with those for back years, the statistics of manufactures have been recompiled on the new basis back to 1957. In order to serve as a guide for revising the figures for total manufacturing for back years, the following tables indicate the major adjustments made in changing to the revised basis. Although adjustments can be made for manufacturing as a whole on a more or less comparable basis for back years, for some of the major groups, however, this is impossible without a complete recompilation of the individual returns.

Reconciliation of the Revised Manufacturing Statistics for 1959 on the New Standard Industrial Classification Basis with the Statistics Previously Published on the Old Standard Industrial Classification Basis

	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1959 - Unrevised	36,193	1,303,956	5,073,073,706	12,552,200,543	23,311,601,481
1959 - Revised	35,075	1,300,765	5,062,744,615	12,496,864,441	23,204,208,671
<i>Difference (Minus)</i>	<i>1,118</i>	<i>3,191</i>	<i>10,329,091</i>	<i>55,336,102</i>	<i>107,392,810</i>
Industries removed from the manufacturing sector:					
Salt (transferred to Mining)	15	926	3,903,318	3,419,626	20,224,407
Absorption plants (transferred to Mining)	15	474	2,581,722	7,169,778	17,690,408
Publishing (only) of periodicals ¹	1,041	1,250	2,464,456	10,523,207	12,833,060
All other industries ²	47	541	1,379,595	34,223,491	56,644,935
Total	1,118	3,191	10,329,091	55,336,102	107,392,810

¹ Non-commercial periodicals such as house organs etc. have been discarded.

² See text on page 7 for the explanation of the reduction in the cost of materials and value of factory shipments. About \$47,000,000 of the loss in the value of shipments is accounted for by the disappearance of coke as a commodity.

Reconciliation of Revised 1960 Manufacturing Statistics with the Revised Figures for 1959

	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
Manufacturing statistics, 1960	36,682	1,294,629	5,207,167,393	12,705,070,820	23,747,457,083
Less new industries added in 1960:					
Poultry processors	245	4,764	11,297,426	99,437,265	119,235,468
Dental laboratories	499	1,720	6,736,498	2,690,692	12,114,820
Total deduction	744	6,484	18,033,924	102,127,957	131,350,288
1960 - Net	35,938	1,288,145	5,189,133,469	12,602,942,863	23,616,106,795
1959 - Net	35,075	1,300,765	5,062,744,615	12,496,864,441	23,204,208,671
Difference between 1960 and 1959	+ 863	- 12,620	+ 126,388,854	+ 106,078,422	+ 415,298,124
Percentage difference		- 1.0	+ 2.5	+ 0.8	+ 1.8

GENERAL REVIEW, 1960

The recovery in manufacturing production which took place in 1959 was maintained more or less during 1960. Selling value of factory shipments at \$23,747,457,083, value added by manufacture at \$10,533,208,994 and salaries and wages paid at \$5,207,167,393 were all the highest on record. The number of persons employed in 1960 at 1,294,629 fell short by 5.1 p.c. from the record attained in 1957. It is of interest to note that the value added by manufacture which is the real measure of manufacturing production topped the ten billion mark for the first time in 1959.

Compared with the previous year, the value of factory shipments in 1960, after adjustments, increased by 1.8 p.c. and salaries and wages paid by 2.5 p.c. The number of employees and the physical volume of production were, however, lower, the former declining by 1.0 p.c. and the latter by 0.3 p.c. The greater decline in employment than in volume of production follows the trend in recent years for the same volume of output to be produced with fewer employees. Between 1949 and 1959 the volume of manufactured products increased by 48.9 p.c. while the number of persons employed increased only by 11.3 p.c. The increase in the salaries and wages paid in 1960 in spite of a drop in the number of employees was due to the continuing advance in hourly and weekly earnings, a trend common to all other sectors of the economy.

An important factor in sustaining a high level of production in 1960 was the continuing high spending on capital goods, such as construction and machinery and equipment of all kinds. Total investment in capital goods amounted to \$8,262,000,000, a decrease of \$155,000,000 over 1959. Spending on machinery and equipment was \$101,000,000 higher, while spending on construction projects was \$256,000,000 lower. In spite of the higher spending on machinery and equipment, the index of the physical volume of goods produced by the machinery group of industries was 0.6 p.c. lower. The big drop in the spending on construction projects had only a moderate affect on the industries producing building materials. In the case of the lumber industry an increase in the export of timber, lumber and shingles counterbalanced the decline in the domestic spending for construction purposes, resulting in a net decrease of only 0.4 p.c. in the volume of wood products manufactured. The output of cement, however, was more severely affected, production dropping to 5,787,225 tons in 1960, a decline of 7.9 p.c. Another stimulating factor in 1960 was the impact on the consumer goods industries of an increase of about 372,000 in population, with a continuing rise in wages, salaries and supplementary labour income.

Export demand for Canadian manufactured products was another strong factor in stimulating the high level of production in 1960. Exports of partly manufactured products at \$1,640,637,000 were \$186,736,600 higher than in 1959 and exports of fully manufactured goods at \$1,969,655,000 were

\$109,021,000 higher. The increase in the exports of both partly and fully manufactured products amounted to 9.0 p.c. There were substantial improvements in the export of lumber and timber, shingles, wood pulp, newsprint, aluminum and its products, nickel, copper and its products, zinc, automobiles and parts, crude artificial abrasives, fertilizers, lead and lead products and non-farm machinery. At the same time declines occurred in a number of major export items which included veneer and plywood, whisky, wheat flour, farm implements and machinery, aircraft, synthetic plastics and its products and uranium ores and concentrates. The decline in the export of aircraft was particularly sharp, from \$109,112,783 in 1958 to \$24,960,067 in 1959 and \$20,745,482 in 1960, resulting in a drop of 32 p.c. in the volume output of the aircraft industry since 1957.

As already mentioned, the physical volume of production for manufacturing as a whole reached an all-time high of 149.8 in 1959 but declined somewhat to 149.3 in 1960, a drop of 0.3 p.c. Between 1959 and 1960 the volume of non-durable goods or consumer goods increased 1.1 p.c. while durable goods declined by 2.1 p.c. Since the end of the Second World War the durable goods industries experienced an almost uninterrupted expansion in production, the only exceptions being 1954, 1957 and 1958. Despite their steadier postwar expansion, the non-durable goods sector recorded an increase of only 54 p.c. between 1946 and 1956 while durable goods increased 92 p.c. This gap was narrowed between 1957 and 1960, so that for the whole period 1946-1960 durable goods expanded 83 p.c. and non-durable goods 69 p.c.

The trend of production of non-durable goods in 1960 was mixed, eight groups reporting increases and four groups declines. The net result was an increase in volume of production of 1.1 p.c. for the group as a whole as compared with 1959. The percentage increases ranged between 5.4 p.c. for chemicals and allied products to 1.2 p.c. for tobacco and tobacco products. Of the four groups reporting declines, rubber goods with a loss of 11.0 p.c. experienced the greatest drop in production. This was followed by leather goods with a loss of 7.1 p.c., clothing 4.6 p.c. and textiles 1.5 p.c. In the durable goods sector only one group, *viz.* non-ferrous metal products, reported a greater volume of production in 1960, the increase being 10.1 p.c. as compared with 1959. The greatest decline of 6.7 p.c. was reported by iron and steel products, followed by non-metallic mineral products with a loss of 5.5 p.c. electrical apparatus and supplies 2.5 p.c., transportation equipment 1.1 p.c. and wood products 0.4 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 1960 accounted for 49.2 p.c. of the total value of factory shipments. Quebec with

30.4 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. Due to the drop in the production of durable goods in 1960, Ontario suffered a decline in its share of the total while Quebec and British Columbia reported increases.

The level of manufacturing production in 1960, as measured by the number of persons employed, varied from province to province. Compared with the previous year, the greatest increase in employment of 6.1 p.c. was reported by New Brunswick. Prince Edward Island with an increase of 1.6 p.c. was second in this respect, followed by Nova Scotia with an increase of 1.5 p.c., Saskatchewan 0.7 p.c. and Quebec 0.6 p.c. Manitoba suffered the greatest loss in employment of 2.9 p.c., followed by Ontario with a loss of 2.2 p.c., Newfoundland 1.5 p.c., British Columbia 1.2 p.c. and Alberta 1.1 p.c. Perhaps the most outstanding feature in 1960 was the continued expansion of manufacturing employment in Saskatchewan which increased 0.7 p.c., after a rise of 2.1 p.c. in 1959 and 2.3 p.c. in 1958, a year when all other provinces reported declines. Another feature was the gain of 2.6 p.c. in employment in the Atlantic Provinces, when other economic regions, with the exception of Quebec, suffered declines.

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 Canada during the decade preceding 1957 is strikingly illustrated by the increase of 70.3 p.c. in the physical volume of manufactured products between 1946 and 1956 as compared with an increase of only 31 p.c. in the population. Part of this increase, resulted from an increased demand abroad for Canadian manufactured goods, part to the demands imposed on Canadian industry as a result of the expansion in the economy during the past decade, and part to the increase in the standard of living of the Canadian people. The increase of 91.9 p.c. in the output of durable goods consisting mainly of building materials, transportation equipment as well as machinery and equipment of all kinds reveals the extent of the contribution made by Canadian industry to the phenomenal expansion in the productive capacity of the country. Non-durable goods during the same period increased by 53.8 p.c. Although this increase is quite large it is, nevertheless, overshadowed by the much larger increase of 91.9 p.c. in the durable goods industries of the manufacturing sector.

With only one exception, all groups in both the durable and non-durable sectors recorded marked advances in volume output since 1946, the exception being leather products with a decline of 6.8 p.c. In the durable goods sector the most striking advance was made by the electrical apparatus and supplies group with an increase of 182.6 p.c. This was followed by non-metallic mineral products with 166.0 p.c., transportation equipment 95.9 p.c., iron and steel products 79.8 p.c., non-ferrous metal products 62.6 p.c. and wood products 59.3 p.c.

In the non-durable goods sector the greatest advance was made by the products of petroleum and coal group with 190.8 p.c. This was the highest increase of any group of either sector. Chemicals and allied products with an increase of 100.9 p.c. came second, followed by miscellaneous industries with 83.3 p.c., printing, publishing and allied industries 78.5 p.c., rubber goods 72.1 p.c., paper products 70.1 p.c., beverages 68.4 p.c., tobacco and tobacco products 61.0 p.c., textiles 32.2 p.c.,

foods 27.6 p.c. and clothing 23.4 p.c. The output of leather products group declined 6.8 p.c.

Manufacturing establishments reporting in 1960 numbered 36,682. Of these 635 were located in Newfoundland, 184 in Prince Edward Island, 1,278 in Nova Scotia, 901 in New Brunswick, 11,961 in Quebec, 13,387 in Ontario, 1,592 in Manitoba, 887 in Saskatchewan, 1,848 in Alberta, 3,995 in British Columbia and 14 in the Yukon and Northwest Territories. These plants furnished employment to 1,294,629 persons who received \$5,207,167,393 in salaries and wages. They also shipped goods with a selling value at the factory of \$23,747,457,083 and spent \$12,705,070,820 for materials, while the value added by manufacture totalled \$10,533,208,994.

The value added is obtained by subtracting the cost of materials, including fuel and electricity, from the gross value of products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, interest and profits.

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 Production¹

	Volume index (1949 = 100)			Percentage variation		
	1960	1959	Percentage variation	1951 compared with 1946	1956 compared with 1951	1956 compared with 1946
All manufactures	149.3	149.8	- 0.3	+ 35.0	+ 26.2	+ 70.3
Non-durable goods	151.8	150.1	+ 1.1	+ 23.4	+ 24.6	+ 53.8
Durable goods	146.4	149.5	- 2.1	+ 50.1	+ 27.9	+ 91.9
Non-durable goods:						
Foods	147.1	145.0	+ 1.4	+ 3.9	+ 22.8	+ 27.6
Beverages	160.2	155.8	+ 2.8	+ 29.2	+ 30.3	+ 68.4
Tobacco and tobacco products	182.0	179.9	+ 1.2	+ 4.9	+ 53.6	+ 61.0
Rubber and rubber products	143.3	161.1	- 11.0	+ 39.6	+ 23.3	+ 72.1
Leather products	111.8	120.3	- 7.1	- 27.1	+ 27.9	- 6.8
Textiles	122.5	124.4	- 1.5	+ 27.5	+ 3.7	+ 32.2
Clothing, including knitting mills	107.9	113.1	- 4.6	+ 6.2	+ 16.2	+ 23.4
Paper products	146.4	144.7	+ 2.6	+ 45.1	+ 17.3	+ 70.1
Printing, publishing and allied industries	146.5	143.2	+ 2.3	+ 36.7	+ 30.6	+ 78.5
Products of petroleum and coal	250.6	241.5	+ 3.8	+ 72.9	+ 68.2	+ 190.8
Chemicals and allied products	219.7	208.4	+ 5.4	+ 37.9	+ 45.7	+ 100.9
Miscellaneous industries	191.6	183.2	+ 4.6	+ 48.4	+ 23.5	+ 83.3
Durable goods:						
Wood products	138.0	136.6	- 0.4	+ 32.3	+ 20.5	+ 59.3
Iron and steel products	137.3	147.2	- 6.7	+ 44.8	+ 24.2	+ 79.8
Transportation equipment	130.0	131.5	- 1.1	+ 62.9	+ 20.3	+ 95.9
Non-ferrous metal products	148.3	134.7	+ 10.1	+ 39.5	+ 16.6	+ 62.6
Electrical apparatus and supplies	180.2	184.8	- 2.5	+ 78.3	+ 58.5	+ 182.6
Non-metallic mineral products	210.9	223.2	- 5.5	+ 66.4	+ 59.8	+ 166.0

¹ The grouping of the volume indexes have not yet been changed to the new classification basis.

Percentage Variation of Manufacturing in Canada, by Provinces and Groups, 1960 Compared with 1959

Province and group	1960 compared with 1959		
	Number of employees	Salaries and wages	Selling value of factory shipments
Canada ¹	- 1.0	+ 2.5	+ 1.8
Newfoundland	- 1.5	+ 6.8	+ 8.7
Prince Edward Island	+ 1.6	+ 9.9	+ 8.7
Nova Scotia	+ 1.5	+ 5.3	+ 4.3
New Brunswick	+ 6.1	+ 11.8	+ 15.5
Quebec	+ 0.6	+ 4.6	+ 3.8
Ontario	- 2.2	+ 0.7	+ 0.3
Manitoba	- 2.9	- 0.4	- 1.6
Saskatchewan	+ 0.7	+ 4.6	- 2.2
Alberta	- 1.1	+ 3.3	+ 1.1
British Columbia	- 1.2	+ 3.9	+ 2.7
Yukon and Northwest Territories	+ 7.8	+ 1.0	+ 8.4
All groups	- 1.0	+ 2.5	+ 1.8
Foods and beverage industries ²	+ 0.8	+ 3.7	+ 0.7
Tobacco products industries	- 5.4	+ 0.7	+ 3.0
Rubber industries	- 3.7	- 2.7	- 7.1
Leather industries	- 3.7	- 0.2	- 2.7
Textile industries	- 2.8	+ 2.0	+ 1.2
Knitting mills	- 1.1	+ 3.6	+ 4.7
Clothing industries	+ 0.2	+ 1.4	+ 1.5
Wood industries	- 5.3	+ 2.1	- 1.0
Furniture and fixture industries	+ 1.2	+ 2.3	+ 1.0
Paper and allied industries	+ 0.8	+ 6.1	+ 4.4
Printing, publishing and allied industries	+ 1.6	+ 5.8	+ 7.1
Primary metal industries	+ 1.4	+ 4.2	+ 5.1
Metal fabricating (except machinery and transportation equipment industries)	- 0.3	+ 2.5	+ 1.2
Machinery industries (except electrical machinery)	- 3.9	- 0.8	+ 2.6
Transportation equipment industries	- 3.7	- 2.5	- 1.4
Electrical products industries	- 3.8	+ 0.4	+ 0.5
Non-metallic mineral products	- 1.8	- 0.6	- 3.7
Petroleum and coal products industries	- 1.0	+ 3.0	+ 2.9
Chemical and chemical products industries	+ 0.5	+ 5.6	+ 4.3
Miscellaneous manufacturing industries ³	+ 3.3	+ 8.0	+ 5.0

¹ Canada and provincial figures do not include "Poultry Processors" and "Dental Laboratories".

² Does not include "Poultry Processors".

³ Does not include "Dental Laboratories".

TABLE 1. Summary Statistics of the Manufacturing Industries, Canada, 1917-60

Year	Estab- lish- ments	Capital	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
	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	594,056	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	456,258	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 ³	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926	21,301	3,208,071,197	559,161 ³	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927	21,501	3,454,825,529	595,052 ³	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928	21,973	3,804,062,566	631,429 ³	721,471,634	1,894,027,183	1,597,887,676	3,582,345,302
1929	22,216	4,004,892,009	665,531 ³	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930	22,618	4,041,030,475	614,696 ³	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,487,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	Not collected	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	"	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	"	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	"	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	"	1,155,721	2,409,368,190	6,632,831,628	4,938,786,981	11,875,169,685
1949 ⁴	35,792	"	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950 ⁴	35,942	"	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381
1951 ⁴	37,021	"	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952 ⁴	37,929	"	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035
1953 ⁴	38,107	"	1,327,451	3,957,018,348	9,380,558,682	7,993,069,351	17,785,416,854
1954 ⁴	38,028	"	1,267,966	3,896,687,691	9,241,857,554	7,902,124,137 ⁵	17,554,527,504 ⁶
1955 ⁴	38,182	"	1,298,461	4,142,409,534	10,338,202,165	8,753,450,496	19,513,933,811
1956 ⁴	37,428	"	1,353,020	4,570,682,190	11,721,536,889	9,605,424,579	21,636,748,986
1957 ⁷	37,875	"	1,359,061	4,819,627,999	11,900,751,703	9,822,084,726	22,183,594,311
1958 ⁷	36,741	"	1,289,602	4,802,496,260	11,821,567,471	9,792,505,931	22,163,186,308
1959 ⁷	36,193	"	1,303,956	5,073,073,706	12,552,200,543	10,320,962,881	23,311,601,481
Basis: Standard Industrial Classification, revised, 1960							
1957 ⁷	36,578	Not collected	1,355,313	4,309,218,401	11,846,064,933	9,702,351,523	22,090,916,094
1958 ⁷	35,501	"	1,286,758	4,796,102,682	11,770,562,428	9,857,742,613	22,064,460,808
1959 ⁷	35,075	"	1,300,765	5,062,744,615	12,496,864,441	10,306,282,267	23,204,208,671
1960 ⁷	36,682	"	1,294,629	5,207,167,393	12,705,070,820	10,533,208,994	23,747,457,083

¹ 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, 1953 and 1957 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 p. 13).

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

³ 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.

⁴ 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.

⁵ 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 comparable with previous years. See footnotes to Table 2 of the 1954 report on the Primary Iron and Steel Industry.

⁶ 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.

⁷ Principal Statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960. Statistics for 1960 include two industries which were not covered in previous years: Poultry Processors in the Food and Beverage Industries Group and Dental Laboratories in the Miscellaneous Manufacturing Industries Group. (See text p. 7.)

TABLE 2. Principal Statistics Compared, Canada, 1959 and 1960

Basis: Revised Standard Industrial Classification, adopted in 1960

Principal statistics	1959 ³	1960 ²	+Increase -Decrease
Establishments No.	35,075	36,682	+ 1,607
Administrative and office employees:			
Male..... No.	219,819	224,206	+ 4,387
Female "	84,559	85,438	+ 879
Salaries..... \$	1,525,204,954	1,606,967,827	+ 81,762,873
Average..... \$	5,011	5,190	+ 179
Production workers:			
Male..... No.	784,719	774,276	- 10,443
Female "	211,668	210,709	- 959
Wages \$	3,537,539,661	3,600,199,566	+ 62,659,905
Average..... \$	3,550	3,655	+ 105
Cost at plant of materials used..... \$	12,496,864,441	12,705,070,820	+208,206,379
Average per establishment..... \$	356,290	346,357	- 9,933
Cost of fuel and electricity \$	553,182,886	561,147,307	+ 7,964,421
Value added by manufacture ¹ \$	10,306,282,267	10,533,208,994	+226,926,727
Average per establishment..... \$	293,835	287,149	- 6,686
Selling value of factory shipments \$	23,204,208,671	23,747,457,083	+543,248,412
Average per establishment..... \$	661,560	647,387	- 14,173

¹ 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 p. 13.)

² Statistics for 1960 include two industries which were not covered in previous years: Poultry Processors in the Food and Beverage Industries Group and Dental Laboratories in the Miscellaneous Manufacturing Industries Group. (See text p. 7.)

³ Since the 1959 figures were re-compiled on the basis of the Revised Standard Industrial Classification, they differ from those published previously.

TABLE 3. Principal Statistics of the Forty Leading Industries, Ranked according to the Value of Factory Shipments, 1960

Basis: Revised Standard Industrial Classification, adopted in 1960

No.	Industries	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments
		number		dollars			
1	Pulp and paper mills	128	65,642	344,409,846	656,877,464	811,546,844	1,578,727,108
2	Smelting and refining	23	29,708	153,682,338	924,379,442	507,530,017	1,495,177,517 ²
3	Petroleum refining	44	13,400	80,051,281	841,631,957	263,252,142	1,148,943,021 ²
4	Slaughtering and meat packing plants	210	25,946	115,044,705	845,487,570	209,473,886	1,058,439,979
5	Motor vehicle manufacturers ..	18	27,683	149,748,166	619,018,864	338,340,452	970,329,667
6	Iron and steel mills	48	36,472	193,892,738	359,717,733	375,304,958	756,456,392
7	Sawmills (including shingle mills)	5,312	46,607	153,084,558	329,575,802	252,150,944	591,607,758 ²
8	Manufacturers of industrial chemicals	131	16,371	86,442,647	177,272,303	239,141,280	449,982,770
9	Pasteurizing plants	778	21,831	83,930,872	256,831,880	136,109,419	401,743,284
10	Miscellaneous machinery and equipment manufacturers	409	27,606	123,792,123	174,357,409	217,656,790	393,932,002
11	Miscellaneous food manufac- turers	303	10,796	41,262,004	238,318,426	141,190,219	382,750,240
12	Bakeries	2,631	37,192	117,377,330	166,595,750	188,758,767	366,131,412
13	Printing and publishing	752	31,436	143,041,591	94,260,807	263,058,971	359,876,447
14	Metal stamping, pressing and coating industry	519	20,808	92,585,517	171,009,071	173,714,858	349,079,849
15	Fruit and vegetable canners and preservers	361	16,608	48,526,369	191,657,764	122,374,398	313,175,773
16	Aircraft and parts manufac- turers	83	27,056	131,542,701	114,521,392	188,850,776	308,190,203 ²
17	Butter and cheese plants	961	7,558	21,699,798	251,919,770	41,688,281	298,889,256
18	Motor vehicle parts and acces- sories manufacturers	119	15,402	73,646,028	151,093,080	129,232,815	286,871,543
19	Feed manufacturers	1,406	8,065	26,020,624	215,800,261	63,871,883	284,574,959
20	Women's clothing factories	648	26,011	73,125,069	141,660,936	127,599,613	268,524,347
21	Men's clothing factories	509	28,737	76,189,722	144,683,906	117,745,549	261,278,917
22	Breweries	54	7,864	42,105,016	58,050,386	190,256,543	251,500,708
23	Printing and bookbinding	1,765	23,489	93,427,171	87,656,862	157,004,683	245,848,212
24	Manufacturers of electrical in- dustrial equipment	100	17,079	84,148,231	84,892,375	148,467,956	236,909,556
25	Communications equipment manufacturers	132	22,981	102,265,349	81,346,425	164,732,956	235,446,645
26	Fabricated structural metal in- dustry	73	15,195	73,032,191	110,143,733	120,730,315	233,165,690 ²
27	Sash and door and planing mills (excluding hardwood flooring)	1,563	16,818	55,227,749	138,765,161	86,613,365	229,834,534
28	Flour mills	58	4,173	17,416,164	174,270,710	48,610,433	224,657,381
29	Synthetic textile mills	51	15,101	55,955,431	102,275,676	116,252,541	221,937,240
30	Tobacco products manufacturers ..	24	7,860	32,908,179	112,189,623	105,751,246	217,887,989
31	Railroad rolling stock industry ..	29	18,256	77,069,849	124,501,102	82,131,698	212,076,967 ²
32	Cotton yarn and cloth mills	42	16,841	53,287,430	121,345,889	86,150,102	209,502,785
33	Manufacturers of major appli- ances (electric and non-e- lectric)	44	11,227	47,936,208	108,529,062	88,965,128	204,087,643
34	Miscellaneous metal fabricat- ing industries	321	14,782	62,319,455	88,080,287	110,718,461	202,296,329
35	Wire and wire products manu- facturers	200	11,905	53,924,419	110,395,449	87,736,927	200,112,321
36	Household furniture industry ..	1,574	20,529	65,659,959	95,113,121	100,811,757	196,836,913
37	Paper converters, n.e.s.	193	9,700	38,327,127	97,141,823	81,353,758	178,528,384
38	Rubber tire and tube manufac- turers	9	8,073	38,530,649	89,685,657	85,282,923	175,188,613
39	Distilleries	21	4,582	20,978,205	55,836,334	116,748,150	172,309,328
40	Fish products industry	402	13,357	29,717,560	103,863,226	53,004,983	169,529,913
	Totals leading industries	22,048	800,747	3,373,332,369	9,010,754,488	6,939,916,787	16,342,339,595
	Totals, all industries³	36,682	1,294,629	5,207,167,393	12,705,070,820	10,533,208,994	23,747,457,083

¹ See footnote 1, Table 2.

² Reported on a production basis.

³ Statistics for 1960 include two industries which were not covered in previous years: Poultry Processors in the "Food and Beverage Industries" Group and Dental Laboratories in the "Miscellaneous Manufacturing Industries" Group. (See text, p. 7.)

TABLE 4. Principal Statistics by Provinces, 1957-60¹

No.	Provinces	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			Number		\$	Number		\$
	1957							
1	Newfoundland	901	1,965	327	6,999,868	7,146	1,014	25,773,312
2	Prince Edward Island	189	311	87	913,606	873	342	2,298,768
3	Nova Scotia	1,294	3,944	1,235	17,682,786	22,463	3,682	72,503,136
4	New Brunswick.....	964	2,557	825	12,167,184	14,929	2,664	48,310,603
5	Quebec.....	11,920	71,410	26,979	435,064,713	257,043	93,185	1,041,523,950
6	Ontario.....	13,079	112,208	46,508	740,383,995	389,097	94,668	1,684,947,680
7	Manitoba	1,485	6,680	2,586	36,947,202	26,629	7,843	102,847,391
8	Saskatchewan.....	803	2,418	858	11,969,081	7,666	1,000	28,709,133
9	Alberta.....	1,796	7,123	2,334	37,339,134	25,405	3,736	97,568,502
10	British Columbia	4,125	16,244	5,055	97,760,041	74,716	9,392	306,850,351
11	Yukon and Northwest Territories.....	22	36	12	185,935	100	18	471,830
12	Canada	36,578	224,896	86,806	1,397,413,545	826,067	217,544	3,411,804,856
	1958							
13	Newfoundland	754	1,802	304	6,825,206	6,575	919	22,401,763
14	Prince Edward Island	175	313	81	981,074	874	342	2,352,186
15	Nova Scotia	1,237	3,820	1,120	18,175,680	20,278	3,544	67,246,247
17	New Brunswick.....	922	2,574	851	12,829,580	14,523	2,786	48,229,871
17	Quebec	11,507	69,746	26,748	456,956,671	241,851	90,208	1,017,781,266
18	Ontario.....	12,801	111,304	45,587	782,880,048	358,716	90,232	1,630,730,110
19	Manitoba	1,536	6,615	2,575	38,450,870	25,348	7,484	102,835,503
20	Saskatchewan	927	2,562	893	12,714,499	7,728	1,008	30,227,060
21	Alberta.....	1,672	6,953	2,321	39,658,360	24,349	3,779	98,380,947
22	British Columbia	3,952	15,697	4,989	100,423,250	70,339	8,875	305,344,334
23	Yukon and Northwest Territories.....	16	26	7	157,555	96	16	520,602
24	Canada	35,501	221,412	85,476	1,470,052,793	770,677	209,193	3,326,049,889

¹ See footnote 7, Table 1.

TABLE 4. Principal Statistics by Provinces, 1957 - 60

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added ² by manufacture	Selling value of factory shipments	No.
number			dollars			
10,452	32,773,380	7,353,052	53,947,998	56,339,618	117,640,668	1
1,613	3,212,374	400,122	17,999,511	6,093,779	24,493,412	2
31,324	90,185,922	13,702,442	229,876,316	171,324,308	414,903,066	3
20,975	60,477,787	14,136,491	174,685,390	122,893,918	311,715,799	4
448,617	1,476,588,663	187,070,596	3,578,906,458	2,909,664,556	6,675,641,610	5
642,481	2,425,331,675	236,705,609	5,781,130,876	5,002,690,629	11,020,527,114	6
43,738	139,794,593	14,195,561	379,176,924	269,918,246	663,290,931	7
11,942	40,678,214	8,995,391	188,694,088	106,957,193	304,646,672	8
38,598	134,907,636	15,378,932	454,160,456	300,711,511	770,250,899	9
105,407	404,610,392	44,382,271	985,859,605	754,342,979	1,784,584,855	10
166	657,765	179,171	1,627,311	1,414,786	3,221,268	11
1,355,313	4,809,218,401	542,499,638	11,846,064,933	9,702,351,523	22,090,916,094	12
9,600	29,226,969	6,902,719	52,103,887	58,339,411	116,903,907	13
1,610	3,333,260	412,735	18,978,311	7,056,830	26,458,380	14
28,762	85,421,927	11,950,950	210,221,415	174,904,448	400,767,866	15
20,734	61,059,451	13,162,126	170,494,005	130,573,966	311,927,294	16
428,553	1,474,737,937	183,292,940	3,604,113,294	3,061,265,464	6,748,747,620	17
605,839	2,413,610,158	232,197,993	5,667,200,473	4,907,056,284	10,810,470,125	18
42,022	141,286,373	12,821,572	396,881,181	281,190,697	690,545,053	19
12,191	42,941,559	8,870,573	198,362,095	119,065,901	329,434,760	20
37,402	138,039,307	16,123,891	488,146,978	328,927,613	833,105,391	21
99,900	405,767,584	50,371,552	961,320,605	788,363,705	1,792,120,923	22
145	678,157	376,199	2,740,184	998,294	3,979,489	23
1,286,758	4,796,102,682	536,483,250	11,770,562,428	9,857,742,613	22,064,460,808	24

² See footnote 1, Table 2.

TABLE 4. Principal Statistics by Provinces, 1937-60¹ — Concluded

No.	Provinces	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	1959							
1	Newfoundland	786	1,785	294	7,284,644	6,651	893	23,313,757
2	Prince Edward Island	174	349	100	1,198,151	926	346	2,576,500
3	Nova Scotia	1,257	3,892	1,111	19,336,422	19,482	3,512	67,914,324
4	New Brunswick	900	2,667	875	13,831,809	14,548	2,831	50,039,881
5	Quebec	11,293	70,055	26,576	476,187,146	243,476	90,424	1,069,603,017
6	Ontario	12,650	108,764	44,675	802,082,240	368,718	92,323	1,758,021,662
7	Manitoba	1,522	6,831	2,619	41,758,125	25,972	7,585	111,854,954
8	Saskatchewan	840	2,482	939	13,811,379	7,931	1,055	32,720,898
9	Alberta	1,750	7,136	2,429	43,074,935	25,442	4,009	106,894,742
10	British Columbia	3,891	15,835	4,936	106,497,609	71,499	8,677	314,132,336
11	Yukon and Northwest Territories	12	23	5	142,494	74	13	467,590
12	Canada	35,075	219,819	84,559	1,525,204,954	784,719	211,668	3,537,539,661
	1960							
13	Newfoundland	635	1,311	317	7,560,780	6,955	906	25,142,408
14	Prince Edward Island	184	350	97	1,336,867	951	408	2,918,050
15	Nova Scotia	1,278	3,964	1,171	20,330,107	19,827	3,644	71,950,018
16	New Brunswick	901	2,876	926	15,445,411	15,404	3,061	56,140,966
17	Quebec	11,961	72,225	26,595	507,397,857	244,260	90,869	1,112,916,617
18	Ontario	13,387	110,174	45,052	834,859,967	358,529	89,712	1,750,816,586
19	Manitoba	1,592	7,052	2,683	43,961,306	24,723	7,881	110,302,505
20	Saskatchewan	887	2,554	936	15,120,609	8,200	1,228	34,643,657
21	Alberta	1,848	7,282	2,437	45,966,406	25,172	4,266	110,373,122
22	British Columbia	3,995	16,393	5,218	114,840,959	70,176	8,720	324,527,692
23	Yukon and Northwest Territories	14	25	6	147,558	79	14	467,945
24	Canada	36,682	224,206	85,438	1,606,967,827	774,276	210,709	3,600,199,566

¹ See footnote 7, Table 1.

TABLE 4. Principal Statistics by Provinces, 1937-60¹ - Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ²	Selling value of factory shipments	No.
number	dollars					
9,623	30,598,401	6,519,719	53,954,361	57,318,077	118,938,686	1
1,721	3,774,651	448,656	19,618,122	7,293,080	27,264,874	2
27,997	87,250,746	11,527,688	215,198,733	158,359,003	386,470,411	3
20,921	63,871,690	14,012,836	178,022,837	133,411,396	325,414,733	4
430,531	1,545,790,163	179,635,148	3,760,205,098	3,003,262,640	6,915,449,758	5
614,480	2,560,103,902	250,201,070	6,143,081,617	5,322,722,752	11,599,765,654	6
43,007	153,613,079	13,904,724	421,542,217	308,312,242	742,183,196	7
12,407	46,532,277	9,384,110	212,568,673	123,974,515	344,084,883	8
39,016	149,969,677	17,201,604	516,032,439	338,032,355	869,404,244	9
100,947	420,629,945	50,173,974	974,483,535	852,929,943	1,872,399,846	10
115	610,084	173,357	2,156,809	666,264	2,832,386	11
1,300,765	5,062,744,615	553,182,886	12,496,864,441	10,306,282,267	23,204,208,671	12
9,489	32,703,188	6,805,506	58,903,797	64,650,269	129,284,578	13
1,806	4,254,917	480,002	21,220,060	8,690,360	30,231,361	14
28,606	92,280,125	12,381,462	220,292,841	174,808,237	406,182,088	15
22,267	71,586,377	15,257,480	209,113,069	158,035,175	377,110,146	16
433,949	1,620,314,474	179,369,792	3,881,172,827	3,172,769,694	7,206,096,003	17
603,467	2,585,676,553	252,266,844	6,126,027,277	5,319,683,901	11,685,675,652	18
42,339	154,263,811	14,260,645	419,583,431	306,434,692	738,457,346	19
12,918	49,764,266	9,718,523	215,404,848	119,776,935	344,773,261	20
39,157	156,339,528	18,658,238	524,908,916	353,197,544	889,657,800	21
100,507	439,368,651	51,757,577	1,026,999,973	853,836,400	1,936,917,630	22
124	615,503	191,238	1,444,781	1,325,787	3,071,218	23
1,294,629	5,207,167,393	561,147,307	12,705,070,820	10,533,208,994	23,747,457,083	24

² See footnote 1, Table 1.

TABLE 5. Principal Statistics by Industrial Groups, 1957-60¹

No.	Industrial groups	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1957								
1	Food and beverage industries	8, 518	27, 398	11, 666	155, 138, 220	115, 439	37, 440	436, 929, 951
2	Tobacco products industries	49	866	451	5, 803, 127	3, 269	5, 319	26, 519, 694
3	Rubber industries	90	3, 800	1, 619	25, 137, 868	13, 221	3, 546	58, 081, 370
4	Leather industries	641	2, 743	1, 330	17, 085, 418	15, 407	12, 330	62, 330, 090
5	Textile industries	936	8, 921	4, 375	58, 484, 837	35, 294	19, 725	142, 309, 902
6	Knitting mills	310	1, 397	1, 104	9, 987, 920	5, 811	13, 349	40, 228, 838
7	Clothing industries	2, 533	7, 299	4, 594	51, 550, 959	21, 001	57, 097	163, 495, 278
8	Wood industries	8, 736	15, 506	2, 166	53, 167, 970	72, 199	3, 025	213, 933, 577
9	Furniture and fixture industries	2, 010	4, 570	1, 590	24, 873, 317	24, 990	2, 778	76, 344, 305
10	Paper and allied industries	587	13, 164	4, 985	99, 917, 797	68, 475	8, 626	306, 715, 394
11	Printing, publishing and allied industries	3, 354	17, 503	11, 005	109, 264, 134	35, 041	8, 694	160, 211, 287
12	Primary metal industries	431	13, 505	3, 450	90, 857, 658	75, 156	783	326, 222, 827
13	Metal fabricating (except machinery and transportation equipment industries) ..	2, 457	17, 944	6, 075	113, 222, 293	71, 578	5, 252	280, 745, 532
14	Machinery industries (except electrical machinery)	494	10, 114	3, 565	60, 753, 219	30, 935	1, 439	120, 345, 633
15	Transportation equipment industries	920	26, 772	7, 274	169, 845, 233	107, 084	3, 623	422, 096, 711
16	Electrical products industries	513	21, 570	7, 939	139, 717, 125	44, 512	16, 071	211, 895, 290
17	Non-metallic mineral products industries	1, 204	5, 911	1, 777	34, 867, 651	29, 534	1, 876	111, 381, 662
18	Petroleum and coal products industries ..	35	4, 808	1, 522	34, 819, 523	9, 217	70	43, 980, 174
19	Chemical and chemical products industries	1, 123	13, 782	5, 896	97, 599, 961	27, 640	5, 668	121, 398, 396
20	Miscellaneous manufacturing industries	1, 887	6, 723	3, 423	44, 318, 809	20, 264	10, 833	86, 638, 945
21	Canada	36, 578	224, 896	86, 806	1, 397, 413, 545	826, 067	217, 544	3, 411, 804, 856
1958								
22	Food and beverage industries	8, 401	27, 819	11, 589	165, 820, 776	114, 737	36, 621	459, 566, 080
23	Tobacco products industries	40	919	505	7, 878, 074	3, 585	5, 310	29, 265, 528
24	Rubber industries	91	3, 706	1, 493	24, 321, 370	11, 729	3, 023	52, 148, 424
25	Leather industries	619	2, 657	1, 359	17, 885, 338	14, 930	12, 035	62, 992, 835
26	Textile industries	909	8, 720	4, 343	60, 514, 921	32, 668	17, 534	132, 011, 260
27	Knitting mills	321	1, 398	1, 135	10, 538, 803	5, 475	12, 928	39, 290, 366
28	Clothing industries	2, 446	6, 888	4, 490	52, 308, 254	19, 997	55, 393	162, 579, 784
29	Wood industries	7, 939	14, 532	2, 152	53, 564, 126	68, 487	2, 932	214, 229, 802
30	Furniture and fixture industries	1, 859	4, 437	1, 594	25, 478, 784	24, 034	2, 747	75, 590, 695
31	Paper and allied industries	563	13, 342	4, 790	105, 535, 400	66, 805	8, 506	306, 078, 713
32	Printing, publishing and allied industries	3, 272	16, 541	11, 017	115, 063, 620	34, 476	8, 643	169, 410, 156
33	Primary metal industries	416	13, 273	3, 401	97, 055, 603	65, 462	699	290, 673, 585
34	Metal fabricating (except machinery and transportation equipment industries) ..	2, 626	17, 681	6, 179	117, 285, 177	64, 926	5, 209	263, 464, 023
35	Machinery industries (except electrical machinery)	523	9, 747	3, 325	62, 818, 818	27, 152	1, 124	110, 904, 153
36	Transportation equipment industries	621	25, 631	6, 698	172, 742, 179	90, 681	3, 111	381, 451, 269
37	Electrical products industries	512	21, 144	7, 328	146, 133, 901	39, 072	14, 901	197, 300, 678
38	Non-metallic mineral products industries	1, 221	6, 272	1, 782	38, 725, 369	29, 881	1, 909	119, 033, 924
39	Petroleum and coal products industries ..	96	5, 790	1, 787	43, 203, 542	8, 680	59	42, 348, 114
40	Chemical and chemical products industries	1, 125	13, 596	6, 798	102, 759, 601	27, 751	5, 707	127, 925, 925
41	Miscellaneous manufacturing industries	1, 901	7, 319	3, 711	50, 419, 137	20, 149	10, 802	89, 784, 575
42	Canada	35, 501	221, 412	85, 476	1, 470, 052, 793	770, 677	209, 193	3, 326, 049, 889

¹ See footnote 7, Table 1.² See footnote 1, Table 1.

TABLE 5. Principal Statistics by Industrial Groups, 1957-60¹

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ²	Selling value of factory shipments	No.
number			dollars			
192,443	592,068,171	67,673,531	2,752,710,942	1,408,721,142	4,229,105,915	1
9,905	33,322,821	844,614	160,710,422	38,179,320	249,734,356	2
22,186	83,219,238	4,963,470	144,271,902	176,947,370	326,182,742	3
31,810	79,415,508	2,391,513	124,774,575	116,581,669	243,747,757	4
68,315	200,794,739	15,376,645	411,453,084	318,824,667	745,645,396	5
21,661	50,216,758	1,965,702	88,782,158	81,413,897	172,161,757	6
89,991	215,046,237	3,239,016	396,967,365	342,639,068	742,845,449	7
92,896	267,101,547	16,345,123	569,064,408	426,585,067	1,011,934,598	8
34,028	101,218,122	3,778,403	157,532,471	159,084,872	320,395,746	9
95,250	405,633,191	113,192,511	896,693,803	874,349,535	1,884,235,849	10
72,243	269,475,421	5,840,148	228,778,515	473,140,522	707,759,185	11
92,894	417,080,485	96,152,567	1,424,711,562	990,448,242	2,511,312,371	12
100,849	393,967,825	18,183,223	629,122,764	679,437,957	1,326,743,944	13
46,053	181,098,852	6,066,654	267,315,662	331,400,658	604,782,974	14
144,753	591,941,950	22,558,631	1,295,771,026	959,489,205	2,277,818,862	15
90,092	351,612,415	11,082,145	558,106,167	623,144,136	1,192,332,448	16
39,098	146,249,313	51,164,603	205,237,469	325,133,046	581,535,118	17
15,617	78,799,697	55,119,623	841,059,891	505,597,526	1,401,777,040 ³	18
53,986	218,998,357	41,287,176	512,831,179	585,779,852	1,139,898,207	19
41,243	130,957,754	5,274,340	180,169,568	235,453,772	420,897,680	20
1,355,313	4,809,218,401	542,499,638	11,846,064,933	9,702,351,523	22,090,916,094	21
190,768	625,386,856	67,692,495	2,982,311,034	1,543,190,009	4,578,800,692	22
10,319	37,143,602	901,382	206,043,534	98,600,156	305,138,636	23
19,951	76,469,794	5,031,933	128,619,194	174,884,099	308,488,244	24
30,981	80,878,173	2,339,819	127,543,441	122,908,431	253,536,245	25
63,265	192,526,181	14,921,584	396,711,987	322,472,570	740,058,566	26
20,936	49,829,169	1,861,431	88,610,388	83,974,838	173,576,575	27
86,768	214,888,038	3,042,023	383,093,909	350,135,455	742,185,179	28
88,103	267,793,928	17,129,315	558,286,107	442,214,723	1,017,689,686	29
32,812	101,069,479	3,672,942	155,669,395	163,648,782	322,851,798	30
93,443	411,614,113	110,455,274	891,897,757	914,801,141	1,902,602,012	31
70,677	284,473,776	5,785,939	237,188,035	504,292,221	746,227,780	32
82,835	387,729,188	93,641,724	1,251,845,721	980,229,624	2,220,599,924	33
93,995	380,749,200	17,226,709	607,337,310	671,465,537	1,298,538,620	34
41,348	173,722,971	6,254,473	258,642,207	285,603,102	554,564,798	35
126,121	554,193,448	21,056,888	1,161,487,548	883,763,897	2,085,796,821	36
82,445	343,434,579	10,568,365	535,054,177	572,304,656	1,121,892,189	37
39,844	157,759,293	51,044,415	213,567,937	355,542,551	614,809,840	38
16,316	85,551,656	51,664,220	839,526,042	478,508,373	1,385,215,080 ³	39
53,852	230,685,526	46,954,315	540,932,720	656,321,752	1,235,704,792	40
41,981	140,203,712	5,238,004	201,193,985	252,880,696	456,183,331	41
1,286,758	4,796,102,682	536,483,250	11,770,562,428	9,857,742,613	22,064,460,808	42

¹ The figures for 1959 and 1960 are not comparable to those of 1957 and 1958 because of a change in the method of valuation for products in the Petroleum Refining Industry. It is estimated that if the revised basis of valuation had been used for 1957 and 1958 the value of shipments in those years would have been about \$300,000,000 lower.

TABLE 5. Principal Statistics by Industrial Groups, 1957-60¹ - Concluded

No.	Industrial groups	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	1959							
1	Food and beverage industries	8,150	28,061	11,616	177,709,461	115,975	36,744	487,126,209
2	Tobacco products industries	40	995	507	8,403,593	3,766	5,019	29,674,625
3	Rubber industries	90	3,811	1,534	26,466,124	12,553	3,203	60,428,570
4	Leather industries	600	2,641	1,397	18,500,512	15,030	12,533	65,566,314
5	Textile industries	889	8,949	4,079	62,561,950	33,036	17,460	139,963,717
6	Knitting mills	319	1,300	1,051	10,885,782	5,403	13,238	41,301,513
7	Clothing industries	2,344	6,843	4,699	55,141,472	19,964	55,153	168,898,809
8	Wood industries	7,835	14,064	2,080	56,668,475	70,954	2,920	220,892,303
9	Furniture and Fixture industries	1,925	4,644	1,620	28,030,028	24,689	2,850	82,056,573
10	Paper and allied industries	561	13,540	4,745	110,655,786	67,818	8,561	321,753,196
11	Printing, publishing and allied industries	3,314	17,357	11,339	126,272,300	35,116	8,739	178,868,144
12	Primary metal industries	411	13,362	3,352	98,492,731	71,403	700	337,784,709
13	Metal fabricating (except machinery and, transportation equipment industries) ..	2,613	18,901	6,388	127,910,410	68,139	5,396	290,395,476
14	Machinery industries (except electrical machinery)	521	10,243	3,425	68,985,924	30,328	1,268	132,080,212
15	Transportation equipment industries	640	21,730	5,685	158,628,306	83,061	3,107	373,061,527
16	Electrical products industries	522	20,054	6,871	143,014,057	38,993	15,809	204,074,531
17	Non-metallic mineral products industries ..	1,225	6,634	1,890	42,251,464	31,789	2,052	132,240,241
18	Petroleum and coal products industries ..	88	5,026	1,544	40,915,039	8,032	59	42,080,400
19	Chemical and chemical products industries ..	1,123	13,934	6,909	108,150,639	27,443	5,709	131,597,533
20	Miscellaneous manufacturing industries ..	1,865	7,730	3,828	55,560,901	21,227	11,148	97,695,059
21	Canada	35,075	219,819	84,559	1,525,204,954	784,719	211,668	3,537,539,661
	1960							
22	Food and beverage industries	8,488	29,165	12,033	190,839,719	118,395	39,018	510,144,095
23	Tobacco products industries	40	1,040	532	8,940,381	3,703	4,456	29,414,102
24	Rubber industries	92	3,665	1,519	26,742,622	11,981	3,146	57,782,897
25	Leather industries	608	2,639	1,353	18,978,401	14,208	12,224	64,940,554
26	Textile industries	924	8,675	3,894	62,808,512	32,518	16,669	143,691,708
27	Knitting mills	362	1,462	1,211	12,558,635	5,395	12,697	41,492,291
28	Clothing industries	2,391	6,859	4,547	56,618,864	19,479	55,990	170,595,017
29	Wood industries	7,490	12,750	2,094	57,883,196	67,643	2,775	225,638,221
30	Furniture and fixture industries	2,099	4,942	1,670	29,273,748	24,692	2,902	83,386,639
31	Paper and allied industries	581	14,202	5,072	119,584,888	67,792	8,367	339,039,377
32	Printing, publishing, and allied industries ..	3,462	18,095	11,395	136,815,795	35,315	8,889	185,972,226
33	Primary metal industries	418	14,217	3,490	106,133,754	71,616	702	348,448,782
34	Metal fabricating (except machinery and transportation equipment industries)....	2,896	19,186	6,458	134,146,395	67,574	5,287	294,591,986
35	Machinery industries (except electrical machinery)	533	10,580	3,466	75,094,701	28,263	1,186	124,332,981
36	Transportation equipment industries	687	21,602	5,478	156,782,089	79,451	2,886	361,570,697
37	Electrical products industries	548	20,102	6,816	148,452,128	37,033	14,697	200,136,099
38	Non-metallic mineral products industries ..	1,331	7,027	1,964	44,914,569	30,607	2,008	128,523,531
39	Petroleum and coal products industries ..	96	4,970	1,485	41,416,555	8,004	54	44,030,356
40	Chemical and chemical products industries ..	1,143	14,224	6,905	115,006,108	27,783	5,357	138,225,011
41	Miscellaneous manufacturing industries..	2,492	8,804	4,056	63,976,767	22,824	11,399	108,242,996
42	Canada	36,682	224,206	85,438	1,606,967,827	774,276	210,709	3,600,199,566

¹ See footnote 7, Table 1.

TABLE 5. Principal Statistics by Industrial Groups, 1957-60¹ — Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ²	Selling value of factory shipments	No.
number	dollars					
192,396	664,835,670	68,651,014	3,012,334,446	1,628,418,783	4,728,164,094	1
10,287	38,078,218	902,731	212,770,678	111,219,179	324,563,661	2
21,101	86,894,694	5,422,975	160,441,694	188,249,480	347,798,004	3
31,601	84,066,826	2,303,367	145,912,239	132,051,503	275,622,759	4
63,524	202,525,667	15,059,959	432,984,882	362,516,410	804,261,185	5
20,992	52,187,295	1,908,375	98,658,641	90,748,070	189,267,687	6
86,659	224,040,281	2,985,061	399,842,421	362,010,983	759,219,309	7
90,018	277,560,778	17,786,656	590,818,752	472,692,288	1,079,259,366	8
33,803	110,086,601	3,712,000	168,063,646	175,237,924	344,422,717	9
94,664	432,408,982	113,635,675	943,265,277	982,823,273	2,037,551,878	10
72,551	305,140,444	5,948,408	256,530,790	550,657,425	808,639,939	11
88,817	436,277,440	98,287,574	1,499,019,794	1,035,078,014	2,610,650,087	12
98,824	418,305,886	18,499,780	675,064,982	735,957,120	1,415,334,196	13
45,264	201,066,136	7,058,334	302,870,740	340,390,761	626,103,977	14
113,583	531,689,833	20,460,103	1,125,799,941	911,812,139	2,028,871,429	15
81,727	347,088,588	11,562,657	568,226,889	617,677,328	1,169,628,062	16
42,365	174,491,705	51,254,481	236,584,159	390,618,532	672,351,110	17
14,661	82,995,439	52,443,321	870,753,290	245,631,947	1,164,297,008 ³	18
53,995	239,748,172	49,692,986	577,665,923	689,707,619	1,316,356,806	19
43,933	153,255,960	5,607,429	219,255,257	282,783,489	501,845,397	20
1,300,765	5,062,744,615	553,182,886	12,496,864,441	10,306,282,267	23,204,208,671	21
198,611	700,983,814	70,790,818	3,118,200,331	1,704,539,866	4,880,293,652	22
9,731	38,354,483	975,267	216,354,230	117,789,866	334,413,635	23
20,311	84,525,519	5,221,839	152,660,298	168,965,070	323,053,118	24
30,424	83,918,955	2,265,993	134,436,607	130,595,924	268,114,309	25
61,756	206,500,220	14,942,400	430,561,782	368,610,350	810,522,933	26
20,765	54,050,926	1,751,668	104,085,566	93,359,607	198,159,994	27
86,875	227,213,881	3,032,683	402,732,198	369,365,614	770,468,489	28
85,262	283,521,417	18,169,684	598,131,213	454,978,488	1,068,041,527	29
34,206	112,660,387	3,801,205	166,268,761	178,493,573	347,980,824	30
95,433	458,624,265	116,005,298	979,872,639	1,035,904,372	2,128,107,197	31
73,694	322,788,021	6,343,860	274,846,086	586,142,192	865,930,729	32
90,025	454,582,536	101,485,762	1,598,265,430	1,047,115,445	2,742,520,031	33
98,505	428,738,381	19,114,165	662,679,077	750,664,816	1,432,904,803	34
43,495	199,427,682	6,771,590	299,071,885	329,763,223	642,458,967	35
109,417	518,352,786	20,299,179	1,096,084,723	871,734,759	2,000,689,246	36
78,648	348,588,227	11,710,667	545,995,616	624,613,582	1,175,966,233	37
41,606	173,438,100	47,702,859	230,750,338	373,070,496	647,461,580	38
14,513	85,446,911	50,071,703	873,633,610	279,705,068	1,197,967,758 ³	39
54,269	253,231,119	54,893,961	582,843,034	747,753,234	1,373,466,548	40
47,083	172,219,763	5,796,706	237,597,396	300,043,449	538,935,510	41
1,294,629	5,207,167,393	561,147,307	12,705,070,820	10,533,208,994	23,747,457,083	42

² See footnote 3, page 23.

TABLE 6. Principal Statistics of the Individual Industries, 1960

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	1. Food and beverage industries:							
	Meat products industries:							
1	Slaughtering and meat processors							
2	Slaughtering and meat packing plants	210	4,200	1,363	29,636,649	16,388	3,995	85,408,056
3	Animal oils and fats plants	18	72	18	546,526	303	—	1,095,778
4	Sausage and sausage casing manufacturers	98	296	88	1,832,312	860	407	3,952,570
	Poultry processors ¹	245	499	205	2,653,446	2,112	1,948	8,643,980
	Dairy products industries:							
	Dairy factories:							
5	Butter and cheese plants	961	1,568	753	7,223,040	4,899	338	14,476,758
6	Pasteurizing plants	778	2,629	1,500	16,788,286	17,114	588	67,142,586
7	Condenseries	22	152	78	1,039,697	822	65	3,222,500
8	Ice cream manufacturers	45	221	113	1,678,380	936	212	3,854,952
9	Process cheese manufacturers	12	201	72	1,860,384	577	299	3,198,381
	Fish products industry:							
10	Fish products industry	402	1,352	359	6,863,884	8,042	3,604	22,853,676
	Fruit and vegetable canners and preservers:							
11	Fruit and vegetable canners and preservers	361	2,162	1,088	15,156,216	7,023	6,335	33,370,153
	Grain mills:							
12	Feed manufacturers	1,406	2,019	553	9,036,992	5,368	125	16,983,632
13	Flour mills	58	917	412	6,279,657	2,713	131	11,136,507
14	Breakfast cereal manufacturers	20	189	114	1,675,280	761	388	4,617,636
	Bakery products industries:							
15	Biscuit manufacturers	50	509	267	3,929,217	2,243	3,050	14,149,827
16	Bakeries	2,631	4,221	1,240	20,165,577	23,887	7,844	97,211,753
	Other food processors:							
17	Confectionery manufacturers	220	793	650	6,545,221	3,552	4,619	21,659,317
18	Sugar refineries	12	519	125	3,820,380	2,262	307	10,017,601
19	Vegetable oil mills	11	138	39	1,024,260	375	3	1,538,129
	Miscellaneous food industries:							
20	Macaroni manufacturers	17	70	37	638,177	425	301	1,837,447
21	Miscellaneous food manufacturers	303	1,992	1,261	17,748,648	4,519	3,024	23,513,356
	Beverage manufacturers:							
22	Soft drink manufacturers	514	1,992	779	13,373,505	4,737	301	15,972,084
23	Distilleries	21	798	372	6,496,078	2,353	1,059	14,482,127
24	Breweries	54	1,548	500	13,688,768	5,776	38	28,416,248
25	Wineries	19	108	47	1,139,139	346	37	1,389,041
26	Totals	8,488	29,165	12,033	190,839,719	118,395	39,018	510,144,095
	2. Tobacco products industries:							
27	Leaf tobacco processing	16	215	33	1,481,878	1,016	607	3,964,426
28	Tobacco products manufacturers	24	825	499	7,458,503	2,687	3,849	25,449,676
29	Totals	40	1,040	532	8,940,381	3,703	4,456	29,414,102
	3. Rubber industries:							
30	Rubber footwear manufacturers	7	419	230	2,536,020	1,998	1,629	10,307,158
31	Rubber tire and tube manufacturers	9	1,571	591	11,649,661	5,629	282	26,880,988
32	Other rubber industries	76	1,675	698	12,556,941	4,354	1,235	20,594,751
33	Totals	92	3,665	1,519	26,742,622	11,981	3,146	57,782,897
	4. Leather industries:							
34	Leather tanneries	48	318	102	2,513,883	2,563	250	9,560,547
35	Shoe factories	249	1,653	892	11,600,762	8,902	8,785	41,664,250
36	Leather glove factories	60	115	55	793,121	461	811	2,784,440
	Luggage, handbag and small leather goods manufacturers:							
37	Leather belting, manufacturers	11	16	16	144,248	69	4	245,694
38	Boot and shoe findings manufacturers	42	145	77	969,482	652	374	2,573,861
39	Miscellaneous leather products manufacturers	198	392	211	2,956,905	1,561	2,000	8,111,762
40	Totals	608	2,639	1,353	18,978,401	14,208	12,224	64,940,554

¹ See footnote 2, Table 2.

TABLE 6. Principal Statistics of the Individual Industries, 1960

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
number			dollars			
25,946	115,044,705	6,601,411	845,487,570	209,473,886	1,058,439,979	1
393	1,642,304	384,429	2,721,182	3,224,255	6,347,243	2
1,651	5,784,882	487,126	21,109,809	12,118,759	33,417,934	3
4,764	11,297,426	1,146,661	99,437,265	19,069,808	119,235,468	4
7,558	21,699,798	5,817,376	251,919,770	41,688,281	298,889,256	5
21,831	83,930,872	8,762,918	256,831,880	136,109,419	401,743,284	6
1,117	4,262,197	1,196,189	52,866,798	16,440,663	70,622,839	7
1,482	5,533,332	754,682	17,702,126	11,679,252	29,928,936	8
1,149	5,058,765	208,520	28,525,734	7,666,590	35,957,603	9
13,357	29,717,560	2,712,951	103,863,226	53,004,983	169,529,913	10
16,608	48,526,369	3,812,565	191,657,764	122,374,398	313,175,773	11
8,065	26,020,624	4,473,260	215,800,261	63,871,883	284,574,959	12
4,173	17,416,164	1,823,583	174,270,710	48,610,433	224,657,381	13
1,452	6,292,916	512,360	15,547,786	24,660,149	40,377,941	14
6,069	18,079,044	1,153,217	41,846,105	44,402,350	87,342,810	15
37,192	117,377,330	11,025,126	166,595,750	188,758,767	366,131,412	16
9,614	28,204,538	1,516,265	71,990,802	70,432,168	142,963,856	17
3,213	13,837,981	2,836,133	91,132,274	43,988,147	130,405,175	18
555	2,562,389	915,993	49,377,497	9,156,867	59,242,353	19
833	2,475,624	271,991	9,355,474	8,360,038	17,801,634	20
10,796	41,262,004	4,291,064	238,318,426	141,190,219	382,750,240	21
7,809	29,345,589	4,174,917	49,525,952	111,740,949	165,376,045	22
4,582	20,978,205	2,445,525	55,836,334	116,748,150	172,309,328	23
7,864	42,105,016	3,289,028	58,050,386	190,256,543	251,500,708	24
538	2,528,180	177,828	8,429,450	9,512,909	17,571,382	25
198,611	700,983,814	70,790,818	3,118,200,331	1,704,539,866	4,880,293,652	26
1,871	5,446,304	322,419	104,164,607	12,038,620	116,525,646 ²	27
7,860	32,908,179	652,848	112,189,623	105,751,246	217,887,989	28
9,731	38,354,483	975,267	216,354,230	117,789,866	334,413,635	29
4,276	12,843,178	432,637	13,403,560	19,957,502	33,242,827	30
8,073	38,530,649	2,615,769	89,685,657	85,282,923	175,188,613	31
7,962	33,151,692	2,173,433	49,571,081	63,724,645	114,621,678	32
20,311	84,525,519	5,221,839	182,660,298	168,965,070	323,053,118	33
3,233	12,074,430	1,047,580	29,424,923	18,062,188	48,809,537	34
20,232	53,265,012	783,186	77,110,209	82,157,511	160,543,462	35
1,442	3,577,561	64,552	5,196,794	5,744,850	10,978,639	36
105	389,942	25,240	376,403	535,438	913,514	37
1,248	3,543,343	136,032	6,767,649	5,647,007	12,477,760	38
4,164	11,068,667	209,403	15,560,629	18,448,930	34,391,397	39
30,424	83,918,955	2,265,983	134,436,607	130,595,924	268,114,309	40

¹ See footnote 1, Table 2.² Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1960 - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
5. Textile industries:								
1	Cotton yarn and cloth mills	42	1,936	869	12,853,869	9,650	4,386	40,433,561
	Woolen mills:							
2	Wool yarn mills	33	223	156	1,735,778	1,125	1,196	6,518,889
3	Wool cloth mills	58	548	245	4,137,740	3,535	1,732	15,006,744
	Synthetic textile mills:							
4	Synthetic textile mills	51	2,735	990	19,673,706	8,932	2,444	36,281,725
	Other primary textile mills:							
5	Fibre preparing mills	32	103	36	864,350	591	89	2,232,955
6	Thread mills	15	261	193	1,858,876	258	398	1,596,083
7	Cordage and twine industry	13	129	61	1,080,446	583	208	2,554,696
8	Narrow fabric mills	48	197	91	1,272,874	877	846	4,645,325
9	Pressed and punched felt mills	10	66	38	577,888	332	24	1,183,992
10	Carpet, mat and rug industry	16	243	103	1,778,201	990	409	4,154,214
11	Textile dyeing and finishing plants	54	253	100	1,853,652	1,320	254	4,927,586
12	Linoleum and coated fabrics industry	19	577	214	4,415,719	1,639	133	6,550,446
	Other textile industries:							
13	Canvas products industry	136	273	121	1,627,494	627	697	3,127,985
14	Cotton and jute bag industry	31	124	64	1,079,390	313	545	2,082,773
	Miscellaneous textile industries:							
15	Automobile fabric accessory manufacturers	28	121	54	961,686	229	423	1,779,862
16	Embroidery, pleating, hemstitching manufacturers	135	180	78	1,183,830	451	732	2,700,570
17	Miscellaneous textiles n.e.s. industry	203	706	481	5,853,011	1,086	2,153	7,914,300
18	Totals	924	8,675	3,894	62,808,512	32,518	16,669	143,691,708
6. Knitting mills:								
19	Hosiery mills	169	553	390	4,432,563	2,590	4,882	17,972,055
20	Other knitting mills	193	909	821	8,126,072	2,805	7,815	23,520,236
21	Totals	362	1,462	1,211	12,558,635	5,395	12,697	41,492,291
7. Clothing industries:								
	Men's clothing industry:							
22	Men's clothing factories	509	2,407	1,538	19,100,977	7,470	17,322	57,088,745
23	Men's clothing contractors	141	222	65	1,056,229	1,269	3,573	9,118,705
	Women's clothing industry:							
24	Women's clothing factories	648	1,899	1,521	18,877,397	5,040	17,551	54,247,672
25	Women's clothing contractors	169	178	87	955,851	354	3,938	7,053,112
26	Children's clothing industry	186	465	384	4,172,230	1,392	6,163	14,957,710
27	Fur goods industry	491	849	228	4,610,457	1,871	1,171	10,035,045
28	Hat and cap industry	130	381	187	2,776,626	1,347	2,088	8,279,935
29	Foundation garment industry	42	265	412	3,382,676	404	2,930	6,563,304
	Other clothing industries:							
30	Fabric glove manufacturers	13	48	31	347,039	91	508	1,087,153
31	Miscellaneous clothing, n.e.s. industry	62	145	94	1,139,382	241	726	2,163,636
32	Totals	2,391	6,859	4,547	56,618,864	19,479	55,990	170,595,017
8. Wood industries:								
33	Sawmills (including shingle mills)	5,312	7,317	640	27,108,541	38,220	230	125,976,017
34	Veneer and plywood mills	77	965	250	6,953,485	8,258	1,491	34,539,544
	Sash and door and planing mills:							
35	Sash and door and planing mills (excluding hardwood flooring)	1,563	3,108	602	15,823,639	12,947	161	39,404,110
36	Hardwood flooring	24	153	48	980,635	1,028	38	2,897,209
37	Wooden box factories	166	349	77	1,829,835	2,327	321	6,918,976
38	Coffin and casket industry	66	139	59	889,967	975	164	3,233,609
	Miscellaneous wood industries:							
39	Wood handles and turning	61	153	43	850,362	1,049	102	2,830,145
40	Woodenware	26	67	20	360,298	352	153	1,058,902
41	Cooperage	43	78	33	420,788	359	2	1,019,366
42	Miscellaneous wood industries, n.e.s. (including wood preservation)	152	421	122	2,665,646	2,128	93	7,760,343
43	Totals	7,490	12,750	2,094	57,683,196	67,643	2,775	225,638,221

* See footnote 1, Table 2.

TABLE 6. Principal Statistics of the Individual Industries, 1960 - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ^a	Selling value of factory shipments	No.
number			dollars			
16,841	53,287,430	4,161,082	121,345,889	86,150,102	209,502,785	1
2,700	8,254,667	474,488	19,200,126	13,469,434	32,731,842	2
6,060	19,144,484	1,439,729	34,125,300	31,524,281	66,791,224	3
15,101	55,955,431	5,019,053	102,275,676	116,252,541	221,937,240	4
819	3,097,305	262,363	10,782,254	6,034,674	16,915,145	5
1,110	3,454,959	161,166	7,327,005	6,374,243	13,481,527	6
961	3,635,142	200,728	9,476,734	6,353,748	16,390,845	7
2,011	5,918,199	275,023	9,858,502	10,087,209	20,046,071	8
460	1,761,880	138,872	3,338,911	3,281,111	6,806,557	9
1,745	5,932,415	428,246	14,201,827	10,483,382	25,168,880	10
1,927	6,781,240	799,383	4,838,400	11,599,776	17,188,447	11
2,563	10,966,165	621,487	20,333,257	17,500,079	39,061,308	12
1,718	4,755,479	185,787	9,521,928	8,246,332	17,444,947	13
1,046	3,162,163	148,564	20,033,731	6,638,805	26,817,737	14
827	2,741,550	84,075	8,061,894	4,179,395	12,531,039	15
1,441	3,884,400	81,920	2,233,181	6,140,229	8,454,407	16
4,426	13,767,311	462,434	33,589,167	24,297,029	59,252,932	17
61,756	206,500,220	14,942,400	430,561,782	368,610,350	810,522,933	18
8,415	22,404,618	743,931	31,944,315	40,270,224	73,242,122	19
12,350	31,646,308	1,007,737	72,141,251	53,089,383	124,917,872	20
20,765	54,050,926	1,751,668	104,085,566	93,359,607	198,159,994	21
28,737	76,189,722	1,008,339	144,883,906	117,745,549	261,278,917	22
5,129	10,174,934	186,678	1,171,222	12,454,350	13,823,971	23
26,011	73,125,069	683,051	141,660,936	127,599,613	268,524,347	24
4,557	8,008,963	125,972	900,207	9,959,706	10,993,650	25
8,424	19,129,940	247,255	41,811,478	31,828,774	73,835,896	26
4,119	14,845,502	303,003	36,724,449	24,437,280	60,965,273	27
4,003	11,056,561	282,213	13,005,108	17,012,669	30,328,204	28
4,011	9,945,980	123,698	14,502,000	20,582,282	34,715,652	29
878	1,434,192	30,170	2,261,006	2,593,011	4,801,427	30
1,206	3,303,018	62,304	6,011,888	5,152,380	11,183,152	31
86,875	227,213,881	3,032,683	402,732,198	369,365,614	770,468,489	32
46,807	153,084,558	9,881,012	329,575,802	252,150,944	591,607,758 ^b	33
10,964	41,493,029	2,482,453	75,461,850	59,979,086	135,494,132	34
16,818	55,227,749	3,906,208	138,765,161	86,813,365	229,834,534	35
1,267	3,877,844	194,039	7,711,174	5,597,766	13,489,720	36
3,074	8,748,811	398,145	11,542,719	13,251,050	25,171,658	37
1,357	4,123,576	186,167	4,944,347	6,651,079	11,749,903	38
1,347	3,680,507	193,825	4,856,348	5,433,433	10,252,700	39
592	1,419,200	81,179	1,933,998	2,117,584	4,034,269	40
472	1,440,154	111,514	3,380,531	1,780,319	5,258,997	41
2,764	10,425,989	755,142	19,959,283	21,403,862	41,147,856	42
85,262	283,521,417	18,169,684	596,131,213	454,978,486	1,068,041,527	43

^a Reported on a production basis.

TABLE 6. Principal Statistics of the individual Industries, 1960 - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
9. Furniture and fixture industries:								
1	Household furniture industry	1,574	3,090	983	16,915,579	15,068	1,488	48,744,380
2	Office furniture industry	56	432	187	2,834,701	2,340	79	8,098,392
3	Other furniture industries	403	1,296	499	8,565,950	6,726	919	24,235,796
4	Electric lamp and shade industry	66	124	101	957,519	558	416	2,308,071
5	Totals	2,099	4,942	1,670	29,273,749	24,692	2,902	83,386,639
10. Paper and allied industries:								
6	Pulp and paper mills	128	9,569	2,856	84,844,005	52,172	1,018	259,565,841
7	Asphalt roofing manufacturers	20	539	201	3,796,549	1,153	31	4,681,756
Paper box and bag manufacturers:								
8	Folding box and set-up box manufacturers	142	989	434	7,456,429	4,197	2,495	21,649,144
9	Corrugated box manufacturers	39	1,125	469	7,502,249	3,911	1,016	18,931,324
10	Paper bag manufacturers	59	415	238	3,201,421	1,578	1,300	8,668,420
11	Other paper converters	193	1,538	874	12,784,235	4,781	2,507	25,542,892
12	Totals	581	14,202	5,072	119,584,848	67,792	8,367	339,039,377
11. Printing publishing and allied industries:								
Commercial printing:								
13	Printing and bookbinding	1,765	4,265	2,055	29,758,400	12,576	4,593	63,668,771
14	Lithographing	250	1,323	904	11,542,543	4,790	1,760	27,347,575
Engraving, stereotyping and allied industries:								
15	Engraving and duplicate plates	160	679	310	6,107,216	2,917	435	16,359,057
16	Trade composition or typesetting	56	195	62	1,668,200	865	12	4,382,088
17	Publishing only	479	2,140	2,577	18,912,575	—	—	—
18	Printing and publishing	752	9,493	5,587	68,826,856	14,267	2,089	74,214,735
19	Totals	3,462	18,095	11,395	136,815,795	35,315	8,889	185,972,226
12. Primary metal industries:								
20	Iron and steel mills	48	5,055	1,333	40,080,884	29,906	178	153,811,854
21	Steel pipe and tube mills	15	546	123	3,745,018	2,448	12	12,447,459
22	Iron foundries	141	1,027	303	7,178,433	7,226	121	28,775,981
23	Smelting and refining	23	4,919	655	34,667,270	24,088	46	119,015,068
24	Aluminum rolling, casting and extruding	44	1,468	743	12,101,829	3,594	111	15,339,289
25	Copper and alloy rolling, casting and extruding	70	564	170	4,086,449	2,730	23	12,383,329
26	Metal rolling casting and extruding, n.e.s.	77	638	163	4,273,871	1,624	211	6,675,802
27	Totals	418	14,217	3,490	106,113,754	71,616	702	348,448,782
13. Metal fabricating industries (except machinery and trans- portation equipment industries):								
28	Boiler and plate works	71	1,071	329	7,052,810	3,280	29	13,692,285
29	Fabricated structural metal industry	73	3,234	769	22,787,093	11,161	31	50,245,098
30	Ornamental and architectural metal industry	514	1,958	532	11,925,028	6,049	236	22,997,687
31	Metal stamping pressing and coating industry	519	3,584	1,370	27,383,694	14,086	1,768	65,201,823
32	Wire and wire products manufacturers	200	2,077	866	16,014,133	8,106	856	37,910,286
33	Hardware, tool and cutlery manufacturers	312	1,395	694	11,424,263	5,684	1,021	25,217,402
34	Heating equipment manufacturers	118	1,224	438	8,218,925	3,679	80	14,409,799
35	Machine shops	768	1,738	437	9,229,648	5,813	128	22,708,952
36	Miscellaneous metal fabricating industries	321	2,905	1,023	20,110,801	9,716	1,138	42,208,654
37	Totals	2,806	19,186	6,458	134,146,395	67,574	5,287	294,591,986
14. Machinery industries (except electrical machinery):								
38	Agricultural implement industry	69	2,461	589	17,603,937	7,816	63	35,171,512
39	Miscellaneous machinery and equipment manufacturers	409	7,126	2,402	49,278,843	17,390	688	74,513,280
40	Commercial refrigeration and air conditioning equipment manufacturers	33	332	111	2,346,808	1,140	18	4,399,487
41	Office and store machinery manufacturers	22	661	364	5,865,113	1,917	417	10,248,702
42	Totals	533	10,580	3,466	75,094,701	28,263	1,186	124,332,981

* See footnote 1, Table 2.

TABLE 6. Principal Statistics of the Individual Industries, 1960 - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ^a	Selling value of factory shipments	No.
number	dollars					
20,529	65,659,959	2,130,823	95,113,121	100,811,757	196,836,913	1
3,038	10,933,093	448,397	11,841,196	17,151,394	30,053,750	2
9,440	32,801,746	1,122,887	52,768,561	54,671,051	108,585,918	3
1,199	3,265,589	99,098	6,545,883	5,859,371	12,504,243	4
34,206	112,660,387	3,801,205	166,268,761	178,493,573	347,980,824	5
65,642	344,409,846	111,159,354	656,877,464	811,546,844	1,578,727,108	6
1,924	8,478,305	701,994	21,221,644	16,009,793	37,930,560	7
8,115	29,105,573	833,413	65,986,826	49,483,347	115,377,917	8
6,521	26,433,573	1,217,084	89,872,778	50,057,592	141,052,151	9
3,531	11,869,841	392,174	48,772,104	27,453,038	76,491,077	10
9,700	38,327,127	1,701,279	97,141,823	81,353,758	178,528,384	11
95,433	458,624,265	116,005,298	979,872,639	1,035,904,372	2,128,107,197	12
23,489	98,427,171	2,160,704	87,656,862	157,004,683	245,848,212	13
8,677	38,890,123	741,428	49,693,006	64,042,097	114,504,302	14
4,241	22,466,273	407,706	8,927,861	33,197,721	42,492,367	15
1,134	6,050,288	67,211	834,180	8,639,009	9,315,527	16
4,717	18,912,575	—	33,673,370	60,199,711	93,893,874	17
31,436	143,041,591	2,966,809	94,260,807	263,058,971	359,876,447	18
73,694	322,788,021	6,343,860	274,846,086	586,142,192	865,930,729	19
36,472	193,892,738	29,174,439	359,717,733	375,304,958	756,456,392	20
3,129	16,192,477	2,161,386	86,531,345	32,733,055	120,860,404	21
8,677	35,954,414	2,243,501	40,448,563	55,330,014	97,685,520	22
29,708	153,682,338	63,268,058	924,379,442	507,530,017	1,495,177,517 ^a	23
5,916	27,441,118	1,919,035	63,889,589	27,411,031	96,379,717	24
3,487	16,469,778	1,521,467	86,529,105	29,617,452	118,899,576	25
2,636	10,949,673	1,197,896	36,771,653	19,188,918	57,060,903	26
90,025	454,582,536	101,485,762	1,598,265,430	1,047,115,445	2,742,520,031	27
4,709	20,745,095	773,673	33,137,842	33,741,357	68,503,973	28
15,195	73,032,191	2,191,050	110,143,733	120,730,315	233,165,690 ^a	29
8,775	34,922,715	1,354,380	52,987,173	60,424,451	115,176,064	30
20,808	92,585,517	4,337,789	171,009,071	173,714,858	349,079,849	31
11,905	53,924,419	2,761,675	110,395,449	87,736,927	200,112,321	32
8,794	36,641,665	1,464,804	34,109,569	69,815,003	105,436,671	33
5,421	22,628,724	958,833	38,236,602	43,243,974	83,198,471	34
8,116	31,938,600	1,390,372	24,579,351	50,539,470	75,935,435	35
14,782	82,319,455	3,881,589	88,080,287	110,718,461	202,298,329	36
96,505	428,738,381	19,114,165	662,679,077	750,664,816	1,432,904,803	37
10,929	52,775,449	1,972,973	78,433,294	61,773,292	152,126,862	38
27,606	123,792,123	4,248,592	174,357,409	217,656,790	393,932,002	39
1,601	6,746,295	302,680	9,723,870	13,062,361	22,633,244	40
3,359	16,113,815	247,345	36,557,312	37,270,780	73,766,859	41
43,495	199,427,682	6,771,590	298,071,885	329,763,223	642,458,967	42

^a Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1960 — Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Salaries
			number		\$	number		\$
15. Transportation equipment industries:								
1	Aircraft and parts manufacturers	83	7,376	2,119	53,787,911	17,132	429	77,754,790
2	Motor vehicle manufacturers	18	5,878	1,388	46,196,935	20,081	336	103,551,231
3	Truck body and trailer manufacturers	114	700	208	4,605,770	2,676	22	9,764,375
4	Motor vehicle parts and accessories manufacturers	119	2,644	896	20,726,500	9,923	1,939	52,919,528
5	Railroad rolling stock industry	29	2,356	264	15,877,812	15,603	33	61,192,037
6	Ship building and repair	66	2,136	509	13,443,035	12,382	34	51,029,086
7	Boat building and repair	243	409	60	1,478,751	1,259	18	3,934,402
8	Miscellaneous vehicle manufacturers	15	103	34	665,375	395	75	1,425,248
9	Totals	687	21,602	5,478	156,782,089	79,451	2,886	361,570,697
16. Electrical Products industries:								
10	Manufacturers of small electrical appliances	66	590	361	4,967,892	1,791	1,042	10,080,669
11	Manufacturers of major appliances (electric and non- electric)	44	2,382	823	16,356,947	7,509	513	31,579,261
12	Manufacturers of household radio and television receivers	23	1,999	706	14,015,276	1,806	1,336	10,448,484
13	Communications equipment manufacturers	132	6,138	2,024	45,718,804	8,071	6,748	56,546,545
14	Manufacturers of electrical industrial equipment	100	5,310	1,582	40,032,102	8,659	1,528	44,116,129
15	Battery manufacturers	28	491	183	3,521,304	1,073	367	5,537,276
16	Manufacturers of electric wire and cable	28	1,706	480	12,235,638	4,283	246	19,636,074
17	Manufacturers of miscellaneous electrical products	127	1,486	657	11,604,165	3,841	2,917	22,191,461
18	Totals	548	20,102	6,816	148,452,128	37,033	14,697	200,136,099
17. Non-metallic mineral products industries:								
19	Cement manufacturers	20	544	97	4,007,838	2,754	3	13,114,904
20	Lime manufacturers	25	102	17	529,437	833	1	3,431,427
21	Gypsum products manufacturers	14	355	104	2,274,521	1,063	—	4,243,478
22	Concrete products manufacturers	645	1,780	343	9,490,137	6,540	46	22,726,768
23	Ready-mix concrete manufacturers	136	732	180	4,446,670	3,267	21	14,151,063
24	Clay products manufacturers:							
25	Clay products manufacturers (from domestic clays)....	113	539	104	3,245,306	3,274	74	11,988,899
25	Clay products manufacturers (from imported clays)....	27	239	84	1,757,892	1,113	335	5,504,425
26	Refractories manufacturers	16	120	25	768,752	488	—	1,947,274
27	Stone products manufacturers	142	255	45	1,311,728	935	16	3,046,541
28	Mineral wool manufacturers	12	271	86	1,857,331	709	1	3,045,718
29	Asbestos products manufacturers	17	361	140	2,540,633	1,450	135	6,670,935
30	Glass and glass products manufacturers:							
31	Glass manufacturers	12	767	306	4,952,217	4,521	977	21,606,338
31	Glass products manufacturers	97	406	220	3,186,975	1,541	276	6,966,003
32	Abrasives manufacturers	20	412	167	3,510,003	1,838	102	9,003,596
33	Other non-metallic mineral products industries	35	144	46	1,035,129	281	21	1,076,162
34	Totals	1,331	7,027	1,964	44,914,569	30,607	2,008	128,523,531
18. Petroleum and coal products industries:								
35	Petroleum refineries:							
36	Petroleum refining	44	4,722	1,402	39,639,873	7,222	54	40,411,408
36	Manufacturers of lubricating oils and greases	16	85	30	630,316	271	—	1,210,788
37	Other petroleum and coal products industries	36	163	53	1,146,366	511	—	2,408,160
38	Totals	96	4,970	1,485	41,416,555	8,004	54	44,030,356

* See footnote 1, Table 2.

TABLE 6. Principal Statistics of the Individual Industries, 1960 - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture*	Selling value of factory shipments	No.
number			dollars			
27,056	131,542,701	3,281,494	114,521,392	188,850,776	308,190,203*	1
27,663	149,748,168	6,043,078	619,018,864	338,340,452	970,329,667	2
3,606	14,370,145	551,679	26,737,608	24,481,064	52,402,823	3
15,402	73,646,028	4,283,049	151,093,080	129,232,815	286,871,543	4
18,256	77,069,849	3,782,545	124,501,102	62,131,698	212,076,967*	5
15,061	64,472,121	2,038,792	49,890,117	96,417,417	148,295,478*	6
1,746	5,413,153	244,149	6,374,309	7,320,024	13,789,432	7
607	2,090,623	74,393	3,948,251	4,960,513	8,733,133	8
109,417	518,352,786	20,299,179	1,096,084,723	871,734,759	2,000,689,246	9
3,784	15,048,761	549,746	26,047,228	34,214,740	61,620,000	10
11,227	47,936,208	2,998,911	108,529,062	88,965,128	204,087,643	11
5,847	24,463,760	445,427	67,158,526	36,696,045	104,437,855	12
22,981	102,265,349	1,505,599	81,346,425	164,732,956	235,446,845	13
17,079	84,148,231	2,601,659	84,892,375	148,467,958	236,909,556	14
2,114	9,058,580	493,052	21,534,007	16,769,440	39,364,661	15
6,715	31,871,712	1,699,638	95,020,954	62,763,991	160,771,053	16
8,901	33,795,626	1,416,435	81,467,039	71,803,326	133,308,800	17
78,648	348,588,227	11,710,667	545,995,616	624,613,582	1,175,966,233	18
3,396	17,122,742	15,965,171	11,294,254	69,616,376	96,769,665	19
953	3,960,864	2,874,777	1,010,426	8,015,022	11,874,520	20
1,522	6,517,999	1,403,058	14,006,834	15,163,986	30,364,799	21
6,709	32,216,905	3,867,036	42,535,445	61,040,202	107,444,952	22
4,200	18,597,733	3,125,803	58,408,165	39,566,483	101,200,299	23
3,991	15,234,205	5,679,567	1,284,138	31,944,022	38,033,786	24
1,771	7,262,317	879,634	5,942,170	14,991,838	21,524,752	25
633	2,716,026	559,218	8,569,617	9,397,193	18,555,636	26
1,251	4,358,289	304,909	4,679,709	7,201,534	12,120,594	27
1,067	4,903,049	1,144,694	5,984,247	11,152,582	17,739,972	28
2,086	9,211,568	867,938	12,789,299	15,839,727	29,429,028	29
6,571	26,558,555	4,149,961	21,667,153	37,854,382	62,553,640	30
2,443	10,152,978	719,557	18,561,313	22,991,144	41,988,923	31
2,519	12,513,599	5,764,240	19,329,265	23,955,964	48,568,969	32
492	2,111,291	357,296	4,666,303	4,340,039	9,292,043	33
41,606	173,438,100	47,702,859	230,750,338	373,070,496	647,461,580	34
13,400	80,051,281	49,256,438	841,631,957	263,252,142	1,148,943,021*	35
386	1,841,104	139,754	19,276,830	7,401,067	26,102,233	36
727	3,554,526	675,511	12,724,623	9,051,859	22,922,504	37
14,513	85,446,911	50,071,703	873,633,610	279,705,068	1,197,967,768	38

* Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1960 - Concluded

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
19. Chemical and chemical products industries:								
1	Explosives and ammunition manufacturers	12	1,428	511	10,747,525	2,684	626	13,045,737
2	Manufacturers of mixed fertilizers	42	295	112	2,484,020	785	2	3,131,975
3	Manufacturers of plastics and synthetic resins	33	1,220	340	9,123,291	2,398	42	12,147,702
4	Manufacturers of pharmaceuticals and medicines	198	1,738	1,835	17,638,697	2,407	2,214	14,259,782
5	Paint and varnish manufacturers	139	1,834	985	14,402,031	3,059	286	13,264,946
6	Manufacturers of soap and cleaning compounds	134	1,144	546	8,957,082	1,869	424	10,068,322
7	Manufacturers of toilet preparations	84	425	511	4,735,505	610	1,090	4,582,540
8	Manufacturers of industrial chemicals	131	4,455	1,233	32,983,829	10,626	57	53,458,818
	Other chemical industries:							
9	Manufacturers of printing inks	33	199	124	1,760,822	608	9	2,481,032
10	Other chemical industries, n.e.s.	337	1,486	808	12,173,306	2,737	607	11,784,157
11	Totals	1,143	14,244	6,905	115,006,108	27,783	5,357	138,225,011
20. Miscellaneous manufacturing industries:								
	Scientific and professional equipment manufacturers:							
12	Instrument and related products manufacturers	87	2,297	889	16,790,928	3,017	1,150	16,828,709
13	Clock and watch manufacturers	34	167	132	1,582,008	317	434	2,440,349
14	Orthopedic and surgical appliance manufacturers	37	66	41	490,987	114	128	603,138
15	Ophthalmic goods manufacturers	44	245	94	1,477,535	515	244	2,124,971
16	Dental laboratories ¹⁰	499	630	69	3,401,856	843	178	3,334,642
17	Jewellery and silverware manufacturers	228	658	436	5,168,054	2,008	1,159	10,156,694
18	Broom, brush and mop industry	100	334	199	2,493,196	1,051	527	3,999,123
19	Venetian blind manufacturers	77	100	46	558,616	193	71	645,995
20	Plastic fabricators, n.e.s.	250	985	433	7,027,266	3,157	1,712	14,034,968
	Sporting goods and toy industry:							
21	Sporting goods industry	109	436	306	3,347,246	1,992	719	9,015,325
22	Toys and games industry	72	232	161	1,847,185	967	1,439	5,354,119
23	Fur dressing and dyeing industry	17	79	18	644,420	760	132	2,997,455
24	Signs and displays industry	390	981	306	6,601,236	2,979	223	11,878,534
	Miscellaneous manufacturing industries, n.e.s.:							
25	Button, buckle and fastener industry	45	173	123	1,582,705	525	697	3,278,959
26	Candle manufacturers	19	38	29	361,625	109	69	475,555
27	Hair goods manufacturers	13	20	11	148,296	61	25	241,093
28	Artificial flowers and feathers manufacturers	35	56	36	377,598	163	238	920,295
29	Model and pattern manufacturers	92	152	49	1,072,675	590	62	2,904,817
30	Musical instruments and sound recording industry	29	161	103	1,286,956	917	331	4,449,335
31	Typewriter supplies manufacturers	10	68	53	655,914	193	120	934,590
32	Fountain pen and pencil manufacturers	20	189	132	1,729,051	236	532	1,850,624
33	Smokers' supplies manufacturers	13	30	30	218,592	53	48	299,244
34	Stamp and stencil (rubber and metal) manufacturers	70	197	91	1,454,445	621	97	2,484,854
35	Statuary, art goods, regalia and novelty manufacturers	95	163	61	827,090	325	266	1,450,561
36	Umbrella manufacturers	8	18	5	136,547	16	75	194,234
37	Artificial ice manufacturers	46	66	26	382,837	256	-	866,280
38	Other miscellaneous industries	54	263	177	2,331,903	846	726	4,378,533
39	Totals	2,493	8,804	4,056	63,976,767	22,824	11,399	108,242,996
40	Grand totals, all manufacturing industries	36,682	224,206	85,438	1,606,967,827	774,276	210,709	3,600,199,566

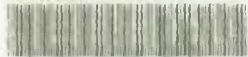
¹⁰ See footnote 2, Table 2.

TABLE 6. Principal Statistics of the Individual Industries, 1960 - Concluded

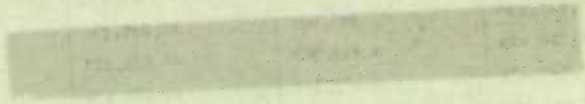
Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹¹	Selling value of factory shipments	No.
number			dollars			
5,249	23,793,262	1,707,552	27,506,012	39,357,600	67,123,575	1
1,194	5,615,995	497,055	32,550,234	12,798,517	45,859,990	2
4,000	21,270,993	4,835,008	68,630,527	56,943,380	128,657,876	3
7,994	31,898,479	1,077,743	45,550,429	118,517,168	164,896,768	4
6,164	27,666,977	1,031,448	74,264,463	72,544,033	147,475,788	5
3,983	19,025,404	1,436,951	56,410,029	80,518,573	139,278,813	6
2,636	9,318,045	226,950	22,671,222	44,458,753	67,200,300	7
16,371	86,442,647	41,541,704	177,272,303	239,141,280	449,982,770	8
940	4,241,854	174,337	7,610,557	9,760,110	17,400,874	9
5,738	23,957,463	2,365,213	70,377,258	73,713,820	145,589,996	10
54,269	253,231,119	54,893,961	582,843,034	747,753,234	1,373,466,548	11
7,353	33,619,637	739,593	48,158,927	55,796,752	103,375,018	12
1,050	4,002,357	58,004	8,173,736	8,318,228	16,128,200	13
348	1,094,125	28,136	892,087	1,557,395	2,475,194	14
1,088	3,602,504	89,664	3,127,872	3,734,097	6,890,592	15
1,720	6,736,498	106,120	2,690,692	9,338,549	12,114,820	16
4,261	15,324,748	353,710	29,897,196	25,884,225	55,680,326	17
2,111	6,492,319	189,138	8,580,533	12,007,348	20,802,638	18
410	1,204,611	64,866	1,977,077	1,971,782	4,042,839	19
6,287	21,062,234	1,149,059	47,121,433	41,035,902	87,989,559	20
3,453	12,362,571	417,312	16,894,270	20,970,740	37,882,494	21
2,789	7,201,304	251,643	13,000,220	12,443,711	25,379,229	22
989	3,641,875	124,699	1,014,656	5,686,988	6,804,986	23
4,489	18,479,770	767,255	14,650,483	31,582,706	46,987,808	24
1,518	4,861,664	132,993	5,992,308	8,609,715	14,126,164	25
245	837,180	55,186	1,189,529	1,700,343	3,002,515	26
117	389,389	26,112	404,146	609,107	1,044,055	27
493	1,297,893	26,368	1,326,952	2,116,332	3,541,176	28
853	3,977,492	90,235	1,632,224	7,012,901	8,652,609	29
1,512	5,736,291	194,899	5,936,200	13,509,677	19,689,082	30
434	1,590,504	55,903	3,646,747	3,003,481	6,626,260	31
1,089	3,679,675	85,324	5,897,714	7,651,336	13,921,698	32
161	517,836	22,948	964,933	1,113,060	2,158,617	33
1,006	3,939,299	112,023	2,430,428	5,531,845	8,058,390	34
815	2,277,651	79,695	2,249,183	3,288,268	5,656,676	35
114	330,781	8,799	539,192	528,980	1,063,526	36
348	1,249,117	367,966	225,648	2,033,847	2,624,447	37
2,012	6,710,436	199,036	8,983,010	13,006,134	22,216,590	38
47,083	172,219,763	5,796,706	237,597,396	300,043,449	538,935,510	39
1,294,629	5,207,167,393	561,147,307	12,705,070,820	10,533,208,994	23,747,457,083	40

¹¹ See footnote 1, Table 2.

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