

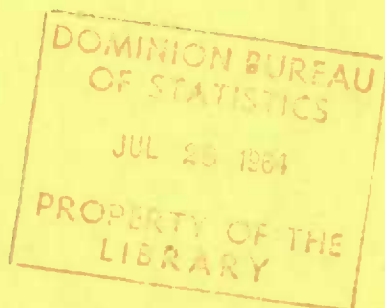
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CANADA



MANUFACTURING INDUSTRIES OF CANADA

Section F

BRITISH COLUMBIA, YUKON AND NORTHWEST TERRITORIES

1961

DOMINION BUREAU OF STATISTICS
Industry Division

3

1950
1951

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

DOMINION BUREAU OF STATISTICS

Industry Division

MANUFACTURING INDUSTRIES OF CANADA

Section F

BRITISH COLUMBIA, YUKON AND NORTHWEST TERRITORIES

1961

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MANUFACTURING INDUSTRY OF CANADA

1951

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EXPLANATORY NOTES

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

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

Period Covered

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

Establishment

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

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

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

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

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

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

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

Employees

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

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

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

Salaries and Wages

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

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

Cost of Fuel and Electricity

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

Materials and Supplies Used

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

Factory Shipments

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

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

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

Inventories

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

Value added by Manufacturing

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

Standard Industrial Classification

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

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

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 advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

Short Forms

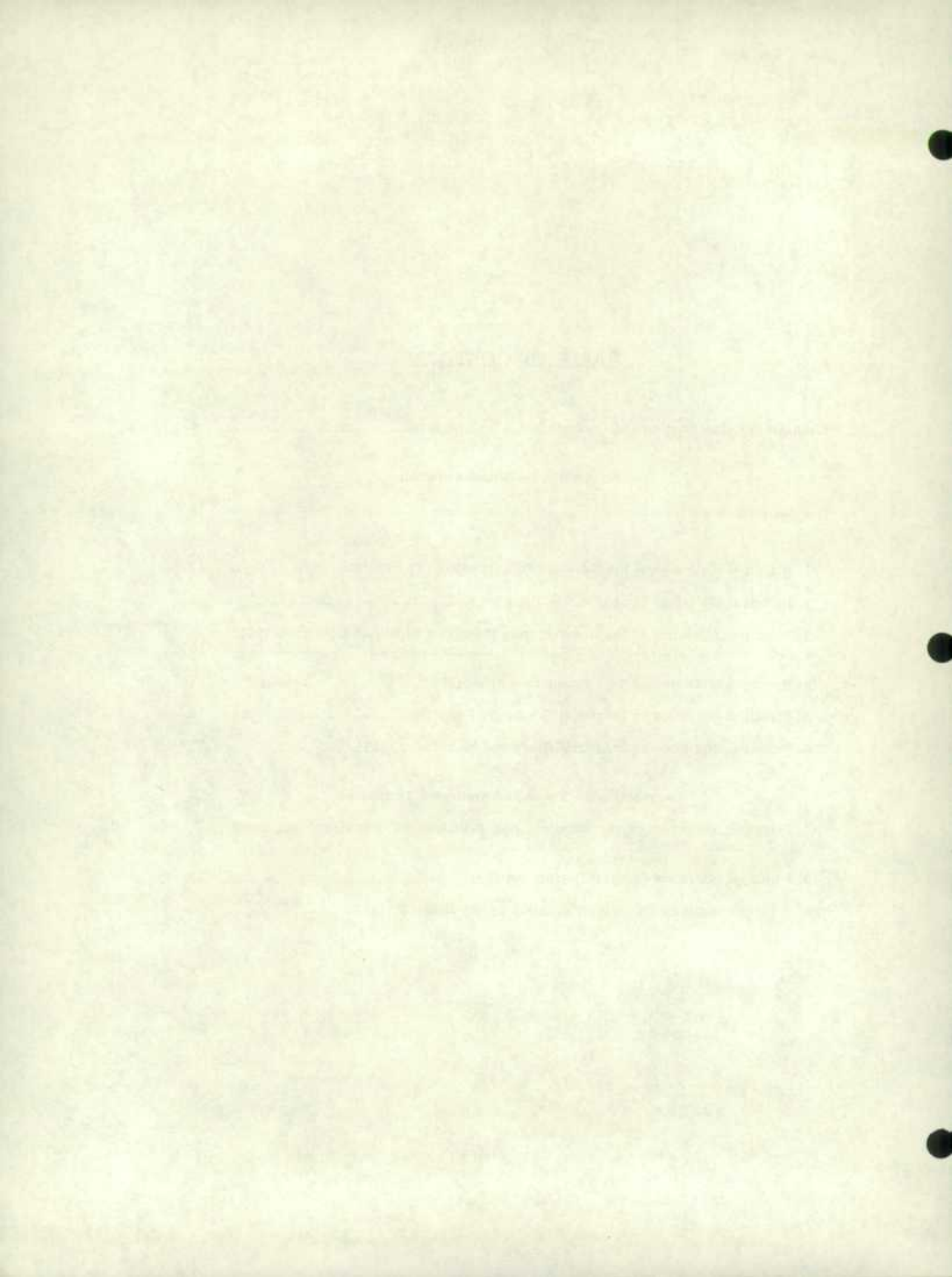
Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit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

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

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

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MANUFACTURING INDUSTRIES OF CANADA

Section F

BRITISH COLUMBIA, YUKON AND NORTHWEST TERRITORIES

1961

CHANGES IN CLASSIFICATION AND CONCEPT

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

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

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

In addition to the changes described in the Explanatory Notes and other changes in valuation,

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

In order to indicate the magnitude of all the changes described above resulting from the introduction of the new concept in the 1961 census, the following table for Canada shows the original and revised figures for 1960 for number of establishments and value of shipments at the provincial and major industry group levels. Since the 1961 Census of Manufactures was collected and compiled on the basis of the new concept only, no figures are, therefore, available to show what the results for 1961 would have been had they also been compiled on the old basis. For this reason the comparisons between the results on the old and new concepts can only be made for the years 1957-60 which are available on both bases.

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

In the case of the Food and Beverage Industries, the difference of \$212 million resulted mainly from the removal of the Poultry Processors industry from the 1960 compilations, as described earlier (\$119 million) and the transfer of several hundred feed reports from the manufacturing universe to non-manufacturing industries. Most of the feed establishments were found to be principally engaged in trade and, in line with the new establishment concept (see Explanatory Notes), were removed from the basic manufacturing industry statistics.

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

In the Petroleum and Coal Products industry the main factor in the difference of \$48 million in the value of shipments was the treatment of products made for own use (mostly fuel oil) in petroleum

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

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

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

	Number of establishments			Selling value of factory shipments, 1960		
	Original ¹	Revised ²	Difference	Original ¹	Revised ²	Difference
	number			dollars		
Provinces:						
Newfoundland	635	396	- 239	129,284,578	126,980,575	- 2,304,003
Prince Edward Island	184	154	- 30	30,231,361	28,414,952	- 1,816,409
Nova Scotia	1,278	1,039	- 239	406,182,088	387,868,633	- 18,313,455
New Brunswick	901	768	- 133	377,110,146	369,107,808	- 8,002,338
Quebec	11,961	11,093	- 868	7,206,096,003	7,075,504,794	- 130,591,209
Ontario	13,387	12,090	- 1,297	11,685,675,652	11,479,327,327	- 206,348,325
Manitoba	1,592	1,414	- 178	738,457,346	711,218,538	- 27,238,808
Saskatchewan	887	682	- 205	344,773,261	329,944,928	- 14,828,333
Alberta	1,848	1,586	- 262	889,657,800	859,966,254	- 29,691,546
British Columbia	3,995	3,616	- 379	1,936,917,630	1,908,542,596	- 28,375,034
Yukon and Northwest Territories	14	14		3,071,218	2,927,723	- 143,495
Canada	36,682	32,852	- 3,830	23,747,457,083	23,279,804,128	- 467,652,955
Industry groups (Revised Classification):						
Food and beverage industries	8,488	7,598	- 890	4,880,293,652	4,668,363,133	- 211,930,519
Tobacco products industries	40	39	- 1	334,413,635	334,369,563	- 44,052
Rubber industries	92	89	- 3	323,053,118	328,459,312	+ 5,406,194
Leather industries	608	580	- 28	268,114,309	265,667,310	- 2,446,999
Textile industries	924	886	- 38	810,522,933	795,930,026	- 14,592,907
Knitting mills	362	356	- 6	198,159,994	199,566,156	+ 1,406,162
Clothing industries	2,391	2,306	- 85	770,468,489	762,967,070	- 7,501,419
Wood industries	7,490	5,730	- 1,760	1,068,041,527	1,007,333,001	- 60,708,526
Furniture and fixture industries	2,099	2,070	- 29	347,980,824	341,989,146	- 5,991,678
Paper and allied industries	581	565	- 16	2,128,107,197	2,125,894,677	- 2,212,520
Printing, publishing etc.	3,462	3,410	- 52	865,930,729	845,827,676	- 20,103,053
Primary metal industries	418	404	- 14	2,742,520,031	2,728,773,897	- 13,746,134
Metal fabricating industries	2,896	2,756	- 140	1,432,904,803	1,412,484,773	- 20,420,030
Machinery industries	533	519	- 14	642,458,967	637,673,648	- 4,785,119
Transportation equipment industries	687	677	- 10	2,000,689,246	1,999,758,033	- 931,213
Electrical products industries	548	536	- 12	1,175,966,233	1,165,736,538	- 10,229,695
Non-metallic mineral products	1,331	1,296	- 35	647,461,580	639,089,796	- 8,371,784
Petroleum and coal products	96	91	- 5	1,197,967,758	1,150,421,636	- 47,546,122
Chemical and chemical products	1,143	1,063	- 80	1,373,466,548	1,357,688,488	- 15,778,060
Miscellaneous manufacturing industries	2,493	1,881	- 612	538,935,510	511,810,029	- 27,125,481

¹ As published in the 1960 report.

² As revised in the present (1961) report.

SUBSECTION 1

PROVINCE OF BRITISH COLUMBIA



GENERAL REVIEW, 1961

On the basis used in compiling comparable data for the 1957-1961 period (see Explanatory Note at end of text), the manufacturing establishments in British Columbia in 1961 numbered 3,502. They furnished employment to 97,518 persons, paid \$440,197,776 in salaries and wages, spent \$1,065,073,007 for materials used and reported factory shipments valued at \$1,967,091,438. Value added by manufacture amounted to \$863,442,538. These data represent 7.7, 8.1 and 8.1 p.c. respectively of employment, shipments and value added for all Canada and make British Columbia the third most important manufacturing province, outranked only by Ontario and Quebec in that order.

Compared with a year earlier, employment in British Columbia in 1961 fell by 1.4 p.c. whereas salaries and wages advanced by 1.3 p.c., cost of materials used by 5.8 p.c., value of shipments by 3.1 p.c. and value added by 1.6 p.c. These changes indicate a slight loss in relative position when compared with the 1961 experience of total Canadian manufacturing which reported a loss of only .83 p.c. in employment and increases of 4.1 p.c. and 2.9 p.c. respectively for value of shipments and value added by manufacture. Expressed as a percentage of Canada totals, British Columbia in 1961 accounted for 7.7, 8.1 and 8.1 p.c. respectively of employment, shipments and value added compared with 7.8, 8.2 and 8.2 p.c. respectively in 1960.

The counter movements in employment versus salaries and wages in British Columbia reflect the general upward trend in average earnings in recent years. Though 6.6 p.c. smaller in number, the persons employed in British Columbia manufacturing in 1961 received 9.4 p.c. more in salaries and wages than in 1957. The 6.6 p.c. drop in employment was accompanied by a 13.2 p.c. increase in value of shipments. For Canada as a whole, in a 1961 over 1957 comparison, employment in manufacturing fell by 5.7 p.c. while value of shipments advanced by 13.0 p.c. and volume of production by 7.1 p.c.

Fisheries, minerals and electric power all contribute greatly to the Province's industrial strength but the forest-based industries are the backbone of British Columbia's economy. In addition to being the most important industrial group in the Province, these industries produce a significant proportion of Canada's output of wood products. Since the mid-20's British Columbia has contributed an average of at least half of Canada's cut of lumber. Its share of the Canadian total of lumber sawn in 1961 was 68 p.c. The province in that year also accounted for 85 p.c. of all plywood produced and practically all (97 p.c.) of the shingles manufactured. Its output of pulpwood has risen steadily and its production of wood residue is expanding rapidly. In the year under review British Columbia accounted for 15 p.c. and 75 p.c. respectively of Canada's production of these two commodities.

The importance of British Columbia's forest industries is reflected in its first ranking position among the provinces in the wood industries industrial group. Ontario and Quebec are outstandingly

predominant in all other major groups of the manufacturing division of the Standard Industrial Classification. In the wood industries group, however, British Columbia holds the dominant position. In 1961 it reported 52.7 p.c. of the total value of factory shipments reported for the group, outranking both Ontario and Quebec which accounted respectively for 17.1 p.c. and 17.9 p.c.

Indicative of the importance of the forests in the industrial life of the Province, the combined value of the factory shipments in 1961 of the wood industries group (\$556,103,060) and the paper and allied products group (\$323,142,939) accounted for 44.7 p.c. of the total \$1,967,091,438 reported by British Columbia's manufacturers in that year. Sawmills (excluding shingle mills) with factory shipments valued at \$368,784,217 retained its traditional top spot among the Province's industries followed by the pulp and paper mills with factory shipments worth \$284,225,380. The relative importance of these two leading industries to the Province's economy has been changing over the years due to the faster expansion of the latter industry. The value of factory shipments reported by sawmills (excluding shingle mills) in 1961 represents an increase of 18.4 p.c. over 1957 compared to a 63.9 p.c. advance by the pulp and paper mills in the same comparison.

Third in importance was the petroleum refineries industry with factory shipments valued at \$110,051,004. Following in fourth place was veneer and plywood mills which reported shipments worth \$91,414,031 or 63.6 p.c. of the 1961 Canadian total for this industry. The fish products industry, recovering from a very poor year and a seventh place ranking in 1960, occupied the fifth position with shipments valued at \$72,987,134. This amount represents 43 p.c. of the Canadian total for this industry in 1961. Other leading industries in order of importance are: sash and door and planing mills, slaughtering and meat packing plants, pasteurizing plants, miscellaneous food manufacturers, manufacturers of industrial chemicals, etc. The non-ferrous metal smelting and refining industry also ranks among the leading industries. Information, however, cannot be published as there were fewer than three smelters in operation.

The non-durable or consumer goods industries reported 39,272 or 40.3 p.c. of the persons employed in manufacturing in British Columbia in 1961, while the durable goods industries provided employment for the balance of 58,246 or 59.7 p.c. Factory shipments by the non-durable group were valued at \$1,003,128,459 compared to \$963,962,978 for durables, these amounts representing 51.0 and 49.0 p.c. respectively of the \$1,967,091,438 total reported by British Columbia manufacturers in the year under review. The foods and beverages industries with 15,444 employees and shipments valued at \$397,776,809 constituted the leading group in the non-durable goods sector. In the durable goods sector the wood industries with 35,808 employees and shipments worth \$556,103,060 ranked as the major group.

EXPLANATORY NOTE

The text at the beginning of this report deals with the recent changes in classification and concept in the annual Census of Manufactures. The

following reconciliations account for the differences which resulted in the manufacturing statistics of British Columbia because of these changes.

MANUFACTURING INDUSTRIES

A. Reconciliation of the Revised Statistics for 1959 on the Revised Industrial Classification and New Establishment Basis with Statistics on the Former Industrial Classification Basis for the Same Year¹.

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1959 - Unrevised	3,992	101,168	421,405,086	974,924,176	1,875,142,125
1959 - Revised	3,632	100,091	418,376,014	961,976,098	1,841,339,359
<i>Difference</i>	360	1,077	3,029,072	12,948,078	33,802,766
Revision of S.I.C.					
Discards:					
Publishers of periodicals ²	91	68	93,077	571,874	694,178
Fruit and vegetable canners	4	73	323,737	426,912	599,388
Transfers:					
Furniture manufacturers, to Retail Trade ..	3	20	72,119	133,965	239,787
Other ³ , to Retail Trade and Mining	3	60	286,208	536,290	1,601,564
New Establishment Concept:					
Total net adjustments ⁴	259	856	2,253,931	11,279,037	30,667,849
Totals	360	1,077	3,029,072	12,948,078	33,802,766

¹ Reconciliation for 1957 and 1958 would be of a similar nature differing principally in the magnitude of the various factors.

² Non commercial periodicals such as house organs, etc.

³ Includes 1 lithographer, 1 coke and gas plant, 1 absorption plant.

⁴ Include combining of reporting units at the same location, discards to trade, etc., changes in valuation levels for shipments, adjustments in outward freight charges and taxes, inventory changes, etc.

B. Reconciliation of the Revised Statistics for 1960 on the Revised Industrial Classification and New Establishment Concept Basis with the Statistics Published on the Revised Industrial Classification Basis Only in 1960 Bulletins.

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1960 - Published	3,995	100,507	439,368,651	1,026,998,973	1,936,917,630
1960 - Revised	3,616	98,931	434,556,917	1,007,017,715	1,908,542,596
<i>Difference</i>	379	1,576	4,811,734	19,981,258	28,375,034
Deletions from Published 1960: ¹					
Poultry processors	34	518	1,243,916	9,496,184	11,311,443
Dental laboratories	85	256	999,856	356,302	1,751,405
Electroplaters	6	102	453,419	140,621	832,933
Other	1	1	1,500	4,725	7,400
Net adjustments necessitated by introduction of New Establishment Concept ²					
Totals	379	1,576	4,811,734	19,981,258	28,375,034

¹ See Changes in Classification and Concept (Par. 4), page 9.

² See footnote 4, Reconciliation A.

C. In Table 5 of this report will be found Principal Statistics for major industrial groups in British Columbia for the 1957-1960 period which have been revised to compare with 1961 statistics. A measure of the changes in the statistics for these groups because of the revised Standard Industrial Classification and the New Establishment Concept can be determined by reference to earlier issues of this report.

TABLE 1. Principal Statistics of the Manufacturing Industries, by Province, 1961
 Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Provinces	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	number		dollars			
Newfoundland	338	9,896	35,969,805	60,628,866	70,009,989	137,224,209
Prince Edward Island	156	1,724	4,207,474	21,191,058	8,131,146	30,041,039
Nova Scotia	1,002	26,801	88,919,256	206,463,487	159,218,497	375,306,900
New Brunswick	708	22,443	73,892,368	223,050,728	159,979,430	397,456,695
Quebec	10,955	423,729	1,626,572,169	3,982,419,548	3,207,856,006	7,327,257,682
Ontario	12,081	591,415	2,597,408,249	6,337,292,819	5,429,853,032	11,957,329,553
Manitoba	1,416	41,212	157,302,360	441,440,322	315,235,281	769,894,639
Saskatchewan	675	12,149	48,947,762	218,815,222	120,971,938	344,432,203
Alberta	1,569	37,921	157,348,484	568,732,861	346,731,838	933,826,476
British Columbia	3,502	97,518	440,197,776	1,065,073,007	863,442,538	1,967,091,438
Yukon and Northwest Territories	13	138	681,246	2,600,056	707,985	3,434,135
Canada	32,415	1,264,946	5,231,446,969	13,127,707,976	10,682,137,680	24,243,294,949

¹ See "Changes in Classification and Concept" at beginning of this report.

TABLE 2. Principal Statistics Compared, 1960 and 1961

Item	1960 ¹	1961 ²	+ Increase - Decrease
Establishments No.	3,616	3,502	- 114
Administrative and office employees:			
Male "	16,031	15,406	- 625
Female "	5,128	5,067	- 61
Salaries \$	113,312,999	112,008,822	- 1,304,177
Production workers:			
Male No.	69,517	68,916	- 601
Female "	8,255	8,129	- 126
Wages \$	321,243,918	328,188,954	+ 6,945,036
Cost of fuel and electricity \$	48,000,533	47,357,571	- 642,962
Cost at plant of materials used \$	1,007,017,715	1,065,073,007	+ 56,055,292
Value added by manufacture \$	849,728,587	863,442,538	+ 13,713,951
Selling value of factory shipments \$	1,908,542,596	1,967,091,438	+ 58,548,842

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

² See "Changes in Classification and Concept" at beginning of this report.

TABLE 3. Principal Statistics of the Manufacturing Industries of British Columbia, 1931-61

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
	No.	\$	No.		dollars		
1931 ³	1,502	288,584,627	31,526	39,082,688	81,705,458	75,208,620	162,511,643
1932 ³	1,504	265,283,088	26,806	30,100,392	65,813,019	58,036,004	128,417,353
1933 ³	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1934 ³	1,636	269,148,907	32,500	34,497,598	88,144,919	70,618,614	164,224,051
1935 ³	1,670	262,422,968	36,324	39,980,553	105,661,599	73,291,063	184,886,485
1936 ³	1,695	250,686,403	39,796	45,854,374	121,362,118	87,780,346	216,136,078
1937 ³	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1938 ³	1,785	264,615,506	42,213	52,044,823	127,196,430	90,471,828	225,585,489
1939.....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1940.....	1,879	300,841,677	49,768	66,727,184	170,357,991	130,206,263	311,046,478
1941.....	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
1942.....	1,990	388,649,300	89,570	148,782,063	270,823,072	272,926,065	558,137,606
1943.....	1,961	450,360,048	102,221	185,711,773	294,445,005	341,699,478	652,046,313
1944.....	2,116	Not collected	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945.....	2,326	"	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946.....	2,731	"	75,484	137,506,645	335,708,533	293,352,652	644,527,898
1947.....	3,040	"	83,181	167,282,667	453,670,677	388,702,178	858,284,507
1948.....	3,525	"	86,599	193,954,224	549,275,003	417,600,758	985,516,321
1949.....	3,493	"	82,934	196,403,722	531,112,329	409,665,348	959,008,388
1950.....	3,696	"	87,375	216,656,977	634,177,837	479,606,261	1,133,016,355
1951.....	3,897	"	93,647	262,626,283	789,840,417	592,448,565	1,404,880,341
1952.....	4,225	"	92,667	283,530,976	751,011,248	556,172,312	1,332,481,862
1953.....	4,317	"	93,844	300,921,318	724,495,754	615,686,215	1,366,823,690
1954.....	4,462	"	95,867	319,802,914	794,685,369	651,812,950	1,474,156,242
1955.....	4,486	"	102,408	353,810,727	895,973,668	750,877,508	1,679,344,816
1956.....	4,393	"	108,595	393,869,388	1,007,882,346	824,249,273	1,859,368,466
1957.....	4,250	"	105,631	405,129,932	985,519,123	767,914,301	1,785,298,750
1958.....	4,072	"	100,222	406,628,209	965,939,626	786,620,211	1,798,960,459
1959.....	3,992	"	101,168	421,405,086	974,924,176	848,404,204	1,875,142,125
Basis: Revised Standard Industrial Classification and New Establishment Concept ⁴							
	No.	\$	No.		dollars		
1957 ⁴	3,849	Not collected	104,425	402,391,799	977,170,081	"	1,737,812,853
1958 ⁴	3,685	"	98,973	403,501,768	951,517,865	761,237,052	1,751,606,981
1959 ⁴	3,632	"	100,091	418,376,014	961,976,098	838,122,055	1,841,339,359
1960 ⁴	3,616	"	98,931	434,558,917	1,007,017,715	849,728,587	1,908,542,596
1961 ⁴	3,502	"	97,518	440,197,776	1,065,073,007	863,442,536	1,967,091,438

¹ For the years 1931-51, the "Value added by manufacture" is computed by subtracting the cost of fuel, electricity and materials used from the gross value of products. For 1952 and 1953 the deduction is made from the "Value of factory shipments." In 1954 and subsequent years from the calculated value of production. In 1954 and 1955 the "Value of production" was obtained by adjusting shipments for inventory change of finished goods only, while in 1956 and subsequent years adjustments were made for both goods in process and finished goods. The figures for value added for 1955 and subsequent years are, therefore, comparable with 1951 and earlier years.

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

³ Includes Yukon and Northwest Territories.

⁴ The introduction of a revised industrial classification in 1960 and the implementation of a new definition of the establishment reporting unit in 1961 have resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See "Changes in Classification and Concept" at beginning of this report).

⁵ Because of lack of inventory data "Value added" is not available.

TABLE 4. Principal Statistics of the Leading Industries, 1961
 Basis: Revised Standard Industrial Classification and New Establishment Concept¹

No.	Industries	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
1	Saw mills (except shingle mills)	897	24, 215	102, 656, 701	216, 465, 810	146, 394, 215	368, 784, 217
2	Pulp and paper mills	14	9, 496	53, 943, 378	102, 789, 768	167, 296, 322	284, 225, 380
3	Petroleum refineries	7	1, 294	8, 028, 610	81, 304, 232	25, 047, 368	110, 051, 004
4	Veneer and plywood mills	19	6, 146	27, 379, 279	52, 688, 386	35, 484, 860	91, 414, 031
5	Fish products industry	46	2, 805	10, 244, 096	49, 424, 396	28, 335, 515	72, 987, 134
6	Sash and door and planing mills (ex- cluding hardwood flooring)	183	3, 321	13, 563, 027	41, 660, 617	23, 931, 905	66, 618, 539
7	Slaughtering and meat packing plants ..	21	1, 477	7, 280, 719	50, 680, 542	10, 393, 459	61, 207, 678
8	Pasteurizing plants	43	2, 042	8, 783, 423	29, 843, 943	13, 090, 250	43, 737, 371
9	Miscellaneous food manufacturers	35	783	2, 993, 793	32, 968, 697	10, 454, 177	43, 323, 136
10	Manufacturers of industrial chemicals ..	16	1, 445	7, 153, 747	17, 209, 312	25, 394, 478	41, 867, 578
11	Fruit and vegetable canners and pre- servers	45	1, 905	5, 625, 468	24, 023, 041	11, 832, 302	36, 636, 566
12	Printing and publishing	82	2, 827	14, 772, 527	6, 990, 668	26, 522, 045	33, 833, 568
13	Bakeries	316	3, 122	11, 109, 414	12, 648, 263	17, 480, 665	31, 032, 868
14	Shipbuilding and repair	19	2, 946	14, 824, 610	8, 815, 276	20, 955, 941	30, 111, 504 ²
15	Feed manufacturers	38	623	2, 565, 858	19, 658, 047	5, 940, 431	26, 088, 945
16	Metal stamping, pressing and coating industry	47	838	4, 483, 576	13, 320, 305	9, 189, 072	23, 685, 672
17	Breweries	8	559	2, 831, 307	4, 823, 750	18, 154, 897	23, 335, 688
18	Miscellaneous machinery and equip- ment manufacturers	45	1, 568	7, 719, 894	7, 549, 407	12, 144, 643	20, 486, 493
19	Shingle mills	45	1, 373	6, 122, 487	8, 154, 851	7, 736, 293	16, 182, 614
20	Totals, leading industries³	1, 936	68, 885	312, 081, 914	781, 017, 311	615, 778, 838	1, 425, 610, 188
21	Totals, all manufacturing industries	3, 502	97, 518	440, 197, 776	1, 065, 073, 007	863, 442, 538	1, 967, 091, 438

¹ See "Changes in Classification and Concept" at beginning of this report.

² Reported on a production basis.

³ Non-ferrous metal smelting and refining is also a leading industry. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 5. Principal Statistics, by Industrial Group, 1957-61¹
 Basis: Revised Industrial Classification and New Establishment Concept

No.	Industrial group	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
1957								
1	Food and beverage industries	664	2,290	1,037	13,835,531	9,428	4,179	42,244,109
2	Tobacco products industries	2	2	2	2	2	2	2
3	Rubber industries	5	11	4	85,118	38	10	151,257
4	Leather industries	20	36	27	275,019	191	199	911,481
5	Textile industries	37	107	42	665,149	198	333	1,285,505
6	Knitting mills	2	2	2	2	2	2	2
7	Clothing industries	54	131	83	914,340	241	1,109	2,928,032
8	Wood industries	1,648	4,502	893	23,560,956	30,683	1,134	110,845,411
9	Furniture and fixture industries	229	368	113	1,853,311	1,304	280	4,768,050
10	Paper and allied industries	41	1,506	464	11,866,350	6,525	595	29,277,548
11	Printing, publishing and allied industries	301	1,450	797	9,024,478	2,460	444	11,030,421
12	Primary metal industries	47	1,132	290	7,916,376	6,184	39	27,941,633
13	Metal fabricating industries (except machinery and transpor- tation equipment industries)	265	1,131	278	7,081,338	4,615	187	19,967,620
14	Machinery industries (except electrical machinery)	51	529	165	3,401,349	1,867	90	8,064,401
15	Transportation equipment industries	109	720	211	4,526,591	5,240	9	23,510,457
16	Electrical products industries	43	247	108	1,877,155	573	135	2,293,679
17	Non-metallic mineral products industries	88	321	64	1,751,003	1,668	26	6,718,492
18	Petroleum and coal products industries	2	2	2	2	2	2	2
19	Chemical and chemical products industries	91	654	193	3,812,953	1,586	96	6,367,949
20	Miscellaneous manufacturing industries	143	270	99	1,407,008	574	176	2,521,568
21	Groups for which no data is shown ²	13	479	116	3,167,855	916	225	4,545,306
22	Totals	3,849	15,884	4,984	97,021,880	74,291	9,266	305,372,919
1958								
23	Food and beverage industries	660	2,208	937	13,407,442	9,014	3,849	43,999,801
24	Tobacco products industries	—	—	—	—	—	—	—
25	Rubber industries	6	11	8	91,340	27	7	129,199
26	Leather industries	17	30	27	250,463	147	173	742,129
27	Textile industries	34	109	43	693,691	200	350	1,391,592
28	Knitting mills	2	2	2	2	2	2	2
29	Clothing industries	53	127	78	953,191	219	1,002	2,862,578
30	Wood industries	1,514	4,361	882	24,728,880	31,173	1,093	117,639,026
31	Furniture and fixture industries	200	334	104	1,900,518	1,243	279	4,798,352
32	Paper and allied industries	39	1,576	470	12,895,874	6,397	599	32,895,788
33	Printing, publishing and allied industries	291	1,346	855	9,599,784	2,344	494	12,555,196
34	Primary metal industries	42	1,127	298	8,544,680	5,079	39	23,767,783
35	Metal fabricating industries (except machinery and transpor- tation equipment industries)	285	1,149	318	7,208,449	3,769	199	16,640,401
36	Machinery industries (except electrical machinery)	52	355	101	2,195,551	1,089	25	4,513,530
37	Transportation equipment industries	105	661	204	4,308,907	4,036	7	18,523,959
38	Electrical products industries	38	233	83	1,782,282	502	100	2,347,583
39	Non-metallic mineral products industries	95	351	74	2,027,256	1,539	25	6,236,782
40	Petroleum and coal products industries	2	2	2	2	2	2	2
41	Chemical and chemical products industries	92	620	202	4,085,026	1,613	98	6,887,363
42	Miscellaneous manufacturing industries	147	271	116	1,517,710	580	158	2,660,271
43	Groups for which no data is shown ⁴	15	524	123	3,590,562	953	236	5,128,769
44	Totals	3,685	15,393	4,923	99,781,606	69,924	8,733	303,720,162
1959								
45	Food and beverage industries	633	2,238	924	14,351,271	8,803	3,716	43,381,227
46	Tobacco products industries	—	—	—	—	—	—	—
47	Rubber industries	6	11	7	100,430	31	10	159,345
48	Leather industries	17	42	29	301,474	139	158	724,879
49	Textile industries	33	109	48	796,409	223	373	1,614,219
50	Knitting mills	2	2	2	2	2	2	2
51	Clothing industries	51	107	80	912,724	241	1,007	3,030,874
52	Wood industries	1,457	4,228	874	25,851,664	32,180	995	117,895,255
53	Furniture and fixture industries	215	346	106	2,080,176	1,301	287	5,480,288
54	Paper and allied industries	37	1,576	488	13,652,113	6,666	563	36,888,339
55	Printing, publishing and allied industries	301	1,380	851	10,482,512	2,360	470	13,086,176

See footnotes at end of table.

TABLE 5. Principal Statistics, by Industrial Group, 1957-61¹
 Basis: Revised Standard Industrial Classification and New Establishment Concept

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
number			dollars			
16,934	56,079,640	5,834,184	241,780,698		361,291,076	1
"	"	"	"		"	2
63	236,375	19,553	150,727		558,378	3
453	1,186,500	32,370	1,989,115		3,755,119	4
680	1,950,654	117,295	4,234,569		7,486,399	5
"	"	"	"		"	8
1,564	3,842,372	74,374	5,777,615		11,542,952	7
37,212	134,406,367	7,392,780	279,933,724		488,973,018	8
2,065	6,621,361	240,363	10,296,447		19,972,592	9
9,090	41,143,898	10,993,156	90,729,497		205,713,802	10
5,151	20,054,899	466,391	13,489,154		49,094,779	11
7,645	35,858,009	8,020,751	120,590,922		184,157,137	12
6,211	27,048,958	1,051,708	48,620,527		98,435,916	13
2,651	11,465,750	339,566	13,186,971		30,120,232	14
6,180	28,037,048	667,613	16,725,088		58,953,565	15
1,063	4,170,834	164,242	11,702,477		19,171,931	16
2,079	8,469,495	2,945,726	11,791,887		30,746,732	17
"	"	"	"		"	18
2,529	10,180,902	1,441,839	23,624,632		54,513,090	19
1,119	3,928,576	154,647	3,138,040		8,938,308	20
1,736	7,713,161	1,364,906	79,407,991		104,387,827	21
104,425	402,394,799	41,321,464	977,170,081		1,737,812,853	22
18,008	57,407,303	5,662,933	259,588,334	128,954,763	393,806,781	23
—	—	—	—	—	—	24
82	220,539	19,627	178,843	306,434	506,331	25
371	992,592	27,220	1,636,385	1,452,689	3,188,980	26
702	2,085,283	112,060	4,244,140	3,124,325	7,470,539	27
"	"	"	"	"	"	28
1,426	3,815,769	80,809	5,487,498	5,553,613	11,344,012	29
37,509	142,367,906	8,431,626	283,953,540	223,010,485	516,180,996	30
1,960	6,698,870	217,681	10,532,331	9,928,707	20,579,671	31
9,042	45,791,662	11,809,387	90,668,920	120,672,508	219,210,022	32
5,039	22,154,980	431,237	14,119,038	36,731,859	51,309,705	33
6,543	32,312,463	11,664,029	91,807,823	59,613,082	162,616,089	34
5,435	23,848,850	938,830	41,815,103	44,161,155	87,256,265	35
1,570	6,709,081	240,799	7,616,687	6,789,676	15,768,961	38
4,908	22,832,866	624,851	14,593,157	30,671,240	46,079,732	37
918	4,129,865	191,179	8,367,011	7,573,619	15,852,161	38
1,989	8,264,038	2,642,189	10,219,366	15,463,997	27,347,535	39
"	"	"	"	"	"	40
2,533	10,972,389	2,050,043	27,179,940	35,682,515	63,598,258	41
1,125	4,177,981	159,202	3,338,014	6,576,586	9,996,237	42
1,836	8,719,331	1,551,982	76,171,735	24,969,799	99,494,706	43
98,973	403,501,768	46,853,684	951,517,865	761,237,052	1,751,606,981	44
15,681	57,732,498	5,567,034	233,821,534	134,684,624	376,477,702	45
—	—	—	—	—	—	46
59	259,775	24,876	193,477	348,676	566,564	47
368	1,026,353	30,678	1,635,847	1,647,705	3,227,284	46
753	2,410,628	109,809	4,509,101	3,806,347	8,719,083	49
"	"	"	"	"	"	50
1,435	3,943,598	77,629	6,039,107	5,617,939	11,614,197	51
38,277	143,746,919	8,834,022	289,523,101	236,083,649	534,217,231	52
2,040	7,560,464	218,640	11,669,099	11,399,304	23,215,629	53
2,293	50,540,452	12,953,505	106,159,145	160,530,274	278,985,846	54
3,061	23,568,688	457,333	14,261,893	39,621,892	54,118,770	55

See footnotes at end of table.

TABLE 5. Principal Statistics, by Industrial Group 1957-61¹ - Concluded

No.	Industrial group	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1959 - Concluded								
1	Primary metal industries	40	1,200	248	8,809,917	4,916	40	23,879,442
2	Metal fabricating industries (except machinery and transportation equipment industries)	286	1,183	323	7,657,549	3,945	219	17,701,243
3	Machinery industries (except electrical machinery)	51	390	99	2,612,576	1,176	30	5,195,825
4	Transportation equipment industries	112	683	218	4,542,887	3,944	8	19,201,972
5	Electrical products industries	38	254	84	1,843,245	558	129	2,700,043
6	Non-metallic mineral products industries	100	356	65	2,002,127	1,525	22	6,470,932
7	Petroleum and coal products industries	2	2	2	2	2	2	2
8	Chemical and chemical products industries	96	676	201	4,382,536	1,631	88	7,125,870
9	Miscellaneous manufacturing industries	145	271	110	1,574,923	571	150	2,763,689
10	Groups for which no data is shown ²	14	510	115	3,895,434	935	251	5,226,429
11	Totals	3,632	15,560	4,870	105,849,967	71,145	8,516	312,526,047
1960								
12	Food and beverage industries	649	2,324	954	15,883,083	8,769	3,658	44,041,534
13	Tobacco products industries	—	—	—	—	—	—	—
14	Rubber industries	7	12	6	111,215	34	6	174,115
15	Leather industries	15	32	19	213,363	95	106	498,153
16	Textile industries	34	95	48	788,063	203	362	1,502,876
17	Knitting mills	2	2	2	2	2	2	2
18	Clothing industries	49	98	77	896,198	243	988	3,058,955
19	Wood industries	1,335	4,184	900	26,880,070	31,197	921	125,990,660
20	Furniture and fixture industries	228	360	104	2,124,522	1,234	277	5,112,401
21	Paper and allied industries	44	1,958	672	16,794,025	7,165	586	39,537,330
22	Printing, publishing and allied industries	314	1,446	918	10,997,228	2,284	508	12,893,328
23	Primary metal industries	40	1,231	239	9,186,506	5,011	38	25,445,287
24	Metal fabricating industries (except machinery and transportation equipment industries)	307	1,200	310	8,105,538	3,668	179	17,671,181
25	Machinery industries (except electrical machinery)	50	364	95	2,581,309	1,208	27	5,393,392
26	Transportation equipment industries	125	650	199	4,398,628	3,230	12	15,130,727
27	Electrical products industries	38	261	84	1,940,870	511	113	2,594,387
28	Non-metallic mineral products industries	116	345	71	2,033,330	1,484	29	6,268,216
29	Petroleum and coal products industries	2	2	2	2	2	2	2
30	Chemical and chemical products industries	94	695	202	4,618,199	1,608	87	7,370,869
31	Miscellaneous manufacturing industries	157	290	118	1,770,167	643	136	3,041,407
32	Groups for which no data is shown ²	14	486	112	3,990,685	910	222	5,519,459
33	Totals	3,616	16,031	5,128	113,312,999	69,517	8,255	321,243,918
1961								
34	Food and beverage industries	649	2,172	962	15,381,591	8,657	3,653	44,999,866
35	Tobacco products industries	—	—	—	—	—	—	—
36	Rubber industries	6	16	4	125,798	38	9	175,501
37	Leather industries	15	28	18	190,001	94	98	514,113
38	Textile industries	38	102	48	868,996	232	348	1,652,498
39	Knitting mills	2	2	2	2	2	2	2
40	Clothing industries	51	106	87	875,981	234	1,073	3,295,717
41	Wood industries	1,199	3,618	817	24,498,310	30,521	852	128,344,957
42	Furniture and fixture industries	225	342	105	2,077,000	1,201	278	5,050,832
43	Paper and allied industries	43	2,149	710	18,382,681	7,732	531	42,866,368
44	Printing, publishing and allied industries	306	1,376	881	10,651,444	2,088	387	12,024,194
45	Primary metal industries	41	1,260	235	9,590,737	5,110	36	25,782,821
46	Metal fabricating industries (except machinery and transportation equipment industries)	326	1,161	297	7,434,729	3,335	166	15,919,822
47	Machinery industries (except electrical machinery)	49	361	105	2,590,841	1,127	26	5,331,363
48	Transportation equipment industries	125	693	199	4,705,169	3,531	10	16,723,047
49	Electrical products industries	33	282	84	1,891,873	505	157	2,698,847
50	Non-metallic mineral products industries	117	328	70	2,146,217	1,410	24	6,866,195
51	Petroleum and coal products industries	2	2	2	2	2	2	2
52	Chemical and chemical products industries	100	636	200	4,484,248	1,573	106	7,512,001
53	Miscellaneous manufacturing industries	164	303	128	1,988,775	684	146	3,217,710
54	Groups for which no data is shown ²	15	473	117	3,944,431	846	227	5,213,102
55	Totals	3,502	15,406	5,067	112,008,822	68,916	8,129	328,188,954

¹ See "Changes in Classification and in Concept" at beginning of this report.² Confidential. Included in "Groups for which no data is shown".

TABLE 3. Principal Statistics, by Industrial Group, 1957-61¹ - Concluded

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			
6,404	32,689,359	9,188,980	91,551,877	58,557,094	156,384,457	1
5,870	25,358,792	1,063,015	42,256,993	41,133,302	82,998,568	2
1,695	7,808,401	301,162	10,643,698	11,471,089	22,119,740	3
4,853	23,744,859	655,121	20,029,917	37,209,191	57,423,220	4
1,025	4,543,288	205,529	9,256,859	7,831,572	17,440,680	5
1,968	8,473,059	2,654,986	10,720,391	17,292,013	30,378,351	6
2						7
2,596	11,508,406	2,307,266	26,893,255	38,411,214	67,560,275	8
1,102	4,338,612	151,578	3,861,142	6,925,333	10,853,882	9
1,811	9,121,863	1,764,813	78,949,662	25,350,837	105,037,880	10
100,091	418,376,014	46,565,976	961,976,098	838,122,055	1,841,339,359	11
15,705	59,924,617	5,317,158	232,081,918	130,739,744	378,167,578	12
-	-	-	-	-	-	13
58	285,330	26,388	215,789	406,881	646,808	14
252	711,516	24,203	952,665	1,057,785	2,105,230	15
708	2,290,939	110,568	4,387,660	3,689,132	8,034,299	16
3						17
1,406	3,955,153	81,638	5,952,359	5,755,288	11,640,416	18
37,202	152,870,730	9,464,225	311,743,369	227,308,957	547,484,389	19
1,975	7,236,923	213,890	10,919,713	10,663,079	21,879,670	20
10,381	56,331,355	14,084,476	115,426,783	169,516,611	298,975,088	21
5,156	23,890,516	492,142	14,560,064	41,317,397	56,337,921	22
6,519	34,631,793	9,610,266	112,190,169	84,571,124	206,586,193	23
5,377	25,776,700	1,083,703	40,378,645	35,377,107	76,740,765	24
1,694	7,974,401	290,878	8,277,699	13,286,340	21,701,511	25
4,091	19,529,355	600,952	15,101,319	28,734,807	44,448,264	26
969	4,535,257	210,890	8,421,668	9,586,864	17,671,218	27
1,929	8,301,546	2,445,114	10,003,653	17,306,578	29,414,672	28
2						29
2,592	11,989,068	2,580,308	31,191,160	37,656,347	68,286,704	30
1,187	4,811,574	165,483	4,231,071	7,489,839	12,043,246	31
1,730	9,510,144	1,198,253	80,982,011	25,264,727	108,378,624	32
98,931	434,556,917	48,000,533	1,007,017,715	849,728,587	1,908,542,596	33
15,444	60,381,457	5,611,916	257,938,658	141,355,254	399,776,809	34
-	-	-	-	-	-	35
65	301,299	25,263	212,414	457,596	690,152	36
238	704,114	25,116	994,996	1,123,421	2,135,212	37
730	2,521,494	122,688	4,586,359	4,028,565	8,846,301	38
3						39
1,500	4,171,698	84,166	6,424,425	6,159,267	12,712,908	40
35,808	152,843,267	10,779,606	327,293,170	218,161,562	556,103,060	41
1,926	7,127,832	206,438	10,988,574	11,118,351	22,260,088	42
11,122	61,229,049	16,903,829	125,629,715	182,960,503	323,142,939	43
4,732	22,875,638	513,696	14,392,050	40,917,812	55,819,360	44
6,641	35,373,558	4,065,777	108,034,239	66,500,898	177,725,907	45
4,959	23,354,551	1,060,477	39,819,137	42,033,863	83,835,316	46
1,619	7,922,204	268,740	7,691,313	12,432,773	20,926,759	47
4,433	21,428,216	562,033	19,250,643	33,906,298	53,468,404	48
1,028	4,590,720	207,694	9,132,905	8,337,666	17,419,196	49
1,832	9,012,412	2,573,182	11,977,470	17,520,832	32,224,249	50
2						51
2,517	11,996,249	2,720,327	31,836,964	40,689,226	71,861,311	52
1,261	5,206,485	187,138	4,925,563	7,927,058	12,839,255	53
1,663	9,157,533	1,439,485	83,944,412	27,811,593	115,504,212	54
97,518	440,197,776	47,357,571	1,065,073,007	863,442,538	1,967,091,438	55

¹ Because of lack of inventory data "Value added" is not available.

² Totals of confidential items in "Knitting mills" and "Petroleum and Coal products" major groups.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹

Basis: Revised Standard Industrial Classification and New Establishment Concept

No.	Industrial group by industry	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:								
Slaughtering and meat processors:								
1	Slaughtering and meat packing plants	21	221	64	1,849,653	950	242	5,431,066
2	Sausage and sausage casing manufacturers	8	15	8	137,385	53	33	341,706
Dairy products industries:								
Dairy factories:								
3	Pasteurizing plants	43	205	183	1,626,280	1,570	84	7,157,143
4	Ice cream manufacturers	6	14	9	105,431	72	26	371,782
Fish products industry:								
5	Fish products industry	46	478	146	3,243,348	1,291	892	7,000,748
Fruit and vegetable canners and preservers:								
6	Fruit and vegetable canners and preservers	45	206	76	1,363,109	770	853	4,262,359
Grain mills:								
7	Feed manufacturers	38	118	73	957,240	412	20	1,422,913
Bakery products industries:								
8	Biscuit manufacturers	3	9	3	53,846	22	22	121,007
9	Bakeries	316	368	146	2,055,424	1,734	854	9,053,950
Other food processors:								
10	Confectionery manufacturers	27	34	22	205,686	79	160	632,600
11	Miscellaneous foods, manufacturers, n.e.s.	35	138	98	1,049,625	277	270	1,944,188
12	Animal oils and fats plants	2	143	51	1,260,679	701	173	3,895,892
13	Breakfast cereal manufacturers	2						
14	Butter and cheese plants	3						
15	Condenseries	1						
16	Distilleries	2						
17	Flour mills	2						
18	Macaroni manufacturers	2						
19	Sugar refineries	1						
Beverage manufacturers:								
20	Soft drink manufacturers	33	93	59	700,997	240	22	830,283
21	Breweries	8	94	23	689,425	440	2	2,141,882
22	Wineries	5	18	1	83,463	46	—	190,682
23	Totals	649	2,172	962	15,381,591	8,657	3,653	44,999,866
24	2. Tobacco products industries	—	—	—	—	—	—	—
3. Rubber industries:								
25	Miscellaneous rubber industries	6	16	4	125,798	36	9	175,501
26	Totals	6	16	4	125,798	36	9	175,501
4. Leather industries:								
27	Leather glove factories	4	20	14	139,853	73	73	388,356
28	Shoe factories	5						
29	Leather tanneries	2						
30	Miscellaneous leather products, n.e.s.	4						
31	Totals	15	28	18	190,001	94	98	514,113

¹ See "Changes in Classification and Concept" at beginning of this report.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹

Basis: Revised Standard Industrial Classification and New Establishment Concept

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
number	dollars					
1,477	7,280,719	373,190	50,680,542	10,393,459	61,207,678	1
109	479,091	36,737	1,774,036	1,003,539	2,814,312	2
2,042	8,783,423	835,647	29,843,943	13,090,250	43,737,371	3
121	477,213	100,013	1,810,028	1,382,400	3,284,357	4
2,805	10,244,096	939,378	49,424,396	28,335,515	72,987,134	5
1,905	5,625,468	424,565	24,023,041	11,832,302	36,638,566	6
623	2,565,858	454,256	19,658,047	5,940,431	26,088,945	7
56	190,793	15,985	417,105	451,459	885,134	8
2,133	11,109,414	916,329	12,646,263	17,460,665	31,032,868	9
295	838,286	64,262	1,617,857	1,464,229	3,143,460	10
783	2,993,793	207,200	32,968,697	10,454,177	43,323,136	11
1,068	5,156,571	694,320	24,471,649	14,807,784	40,497,134	12
						13
						14
						15
						16
						17
						18
						19
414	1,513,280	246,251	2,648,856	5,717,299	8,588,331	20
559	2,831,307	292,276	4,823,750	18,154,897	23,335,688	21
65	274,145	11,507	1,130,448	846,848	2,214,695	22
15,444	60,381,457	5,611,916	257,938,656	141,355,254	399,776,809	23
-	-	-	-	-	-	24
65	301,299	25,263	212,414	457,596	690,152	25
65	301,299	25,263	212,414	457,596	690,152	26
58	175,905	3,894	177,862	239,777	404,863	27
180	528,209	21,222	817,134	883,644	1,730,349	28
						29
						30
238	704,114	25,116	994,996	1,123,421	2,135,212	31

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - Continued

No.	Industrial group by industry	Estab- lish- ments	Administrative and office employees			Production workers ^a		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
5. Textile industries:								
Other primary textile mills:								
1	Cordage and twine industry	5	24	10	207,876	42	27	244,685
2	Fibre preparing mills	3	24	8	174,491	80	97	512,292
3	Linoleum and coated fabrics industry	1						
4	Pressed and punched felt mills	1						
5	Textile dyeing and finishing plants	1						
6	Wool cloth mills	2						
Other textile industries:								
7	Canvas products industry	9	26	17	209,176	62	97	442,701
8	Automobile fabric accessory manufacturers	2	12	3	67,837	17	46	181,636
9	Cotton and jute bag industry	1						
10	Embroidery, pleating, hemstitching manufacturers	2						
11	Miscellaneous textiles, n.e.s.	11	16	10	209,616	31	81	271,184
12	Totals	38	102	48	868,996	232	348	1,652,498
13	6. Knitting mills	2	2	2	2	2	2	2
7. Clothing industries:								
Men's clothing industry:								
14	Men's clothing factories	17	52	32	377,128	144	538	1,331,077
Women's clothing industry:								
15	Women's clothing factories	21	38	46	414,458	76	500	1,349,894
16	Fur goods industry	9	11	6	65,190	11	18	90,148
17	Hat and cap industry	2	5	3	19,205	3	17	34,028
18	Women's clothing contractors	1						
19	Miscellaneous clothing, n.e.s.	1						
20	Totals	51	106	87	875,981	234	1,073	3,295,717
8. Wood industries:								
21	Sawmills (except shingle mills)	897	2,467	521	16,264,346	21,111	116	86,392,355
22	Shingle mills	45	79	31	542,869	1,255	8	5,579,818
23	Veneer and plywood mills	19	482	126	3,711,010	4,878	660	23,668,269
24	Sash and door and planing mills (excluding hardwood flooring)	183	466	106	3,167,331	2,732	17	10,395,696
25	Wooden box factories	19	21	6	96,937	55	11	200,676
26	Coffin and casket industry	5	11	4	76,354	37	24	187,884
Miscellaneous wood industries:								
27	Wood handles and turning	2	18	7	151,505	70	3	280,221
28	Cooperage	1						
29	Woodenware	4						
30	Miscellaneous wood industries, n.e.s. (including wood preservation)	24	74	16	488,158	383	13	1,640,038
31	Totals	1,199	3,618	817	24,498,310	30,521	852	128,344,957
9. Furniture and fixture industries:								
32	Household furniture industry	179	251	70	1,375,745	747	214	3,198,233
33	Office furniture industry	3	9	3	67,502	77	2	328,303
34	Other furniture industries	38	77	28	595,564	342	53	1,398,883
35	Electric lamp and shade industry	5	5	4	38,189	35	9	125,408
36	Totals	225	342	105	2,077,000	1,201	278	5,050,827

¹ See "Changes in Classification and Concept" at beginning of this report.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - 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					
103	452,561	19,060	1,003,244	859,777	1,928,187	1
209	686,783	57,469	1,235,589	1,047,287	2,234,534	2 3 4 5 6
202	651,877	19,082	878,992	971,291	1,873,110	7
78	249,473	6,196	572,377	351,084	911,606	8 9 10
138	480,800	20,881	896,157	799,126	1,698,864	11
730	2,521,494	122,688	4,586,359	4,028,565	8,646,301	12
1	2	2	2	2	2	13
766	2,198,805	51,240	3,493,655	3,254,827	6,829,404	14
240	1,764,322	25,411	2,747,921	2,625,707	5,407,252	15
46	155,338	6,745	170,286	198,671	382,009	16
28	53,233	770	12,563	80,062	94,243	17 18 19
1,500	4,171,698	84,166	6,424,425	6,159,267	12,712,908	20
24,215	102,656,701	7,160,225	216,465,810	146,394,215	368,784,217	21
1,373	6,122,487	333,429	8,154,851	7,736,293	16,182,614	22
6,146	27,379,279	1,884,522	52,688,386	35,484,860	91,414,031	23
3,321	13,563,027	1,181,394	41,660,617	23,931,905	66,618,539	24
93	297,613	16,381	374,038	413,413	811,950	25
76	264,238	4,843	403,446	388,801	799,090	26
98	431,726	23,222	684,527	659,423	1,366,650	27 28 29
486	2,128,196	175,590	6,861,495	3,152,652	10,125,969	30
35,808	152,843,287	10,779,606	327,293,170	218,161,562	556,103,060	31
1,282	4,573,978	132,060	7,023,051	7,173,925	14,292,606	32
91	395,810	11,030	411,553	465,531	878,505	33
500	1,994,449	60,266	3,399,866	3,317,199	6,771,334	34
53	163,595	3,082	154,104	161,696	317,643	35
1,926	7,127,832	206,438	10,988,574	11,118,351	22,260,088	36

¹ Confidential. Included in "Groups for which no data is shown".

TABLE 6. Principal Statistics by Industrial Group and by Industry, 1961¹ - Continued

No.	Industrial group by industry	Estab-lish-ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
10. Paper and allied industries:								
1	Pulp and paper mills	14	1,896	615	16,409,193	6,861	124	37,534,185
2	Folding box and set-up box manufacturers	5	40	15	307,804	163	65	1,026,853
3	Paper bag manufacturers	5	23	13	180,289	119	135	887,084
4	Corrugated box manufacturers	3	160	59	1,262,822	505	129	2,894,168
5	Asphalt roofing manufacturers	2						
6	Miscellaneous paper converters	14	30	8	202,573	84	78	524,078
7	Totals	43	2,149	710	18,362,681	7,732	531	42,866,368
11. Printing, publishing and allied industries:								
Commercial printing:								
8	Printing and bookbinding	127	194	82	1,207,784	488	128	2,502,379
9	Lithographing	23	77	36	598,951	341	80	2,123,211
Engraving stereotyping and allied industries:								
10	Engraving and duplicate plates	15	32	13	209,211	112	13	660,207
11	Trade composition or typesetting	4	4	2	33,493	21	-	111,665
12	Publishing only	45	89	93	656,210	-	-	-
13	Printing and publishing	92	980	655	8,145,795	1,126	166	6,626,732
14	Totals	306	1,376	881	10,851,444	2,088	387	12,024,194
12. Primary metal industries:								
15	Iron and steel mills	6	91	8	594,957	473	-	2,594,574
16	Iron foundries	11	62	18	469,307	292	-	1,258,138
17	Metal rolling, casting and extruding, n.e.s.	5	25	6	172,308	76	1	325,110
18	Aluminum rolling, casting and extruding	5	1,082	203	8,354,165	4,269	35	21,605,001
19	Copper and alloy rolling, casting and extruding	11						
20	Smelting and refining	2						
21	Steel pipe and tube mills	1						
22	Totals	41	1,260	235	9,590,737	5,110	36	25,782,821
13. Metal fabricating industries (except machinery and transportation equipment industries):								
23	Boiler and plate works	8	29	7	209,833	105	-	522,644
24	Fabricated structural metal industry	5	263	45	1,655,388	598	-	2,940,775
25	Ornamental and architectural metal industry	56	126	25	685,714	307	3	1,361,589
26	Metal stamping, pressing and coating industry	47	160	47	1,244,878	596	35	3,238,698
27	Wire and wire products manufacturers	23	128	51	818,766	387	34	1,826,554
28	Hardware, tool and cutlery manufacturers	13	63	30	514,410	175	75	961,855
29	Heating equipment manufacturers	8	22	3	128,474	115	9	476,878
30	Machine shops	129	268	59	1,461,525	759	6	3,269,492
31	Miscellaneous metal fabricating industries	37	102	30	715,741	293	4	1,321,337
32	Totals	326	1,161	297	7,434,729	3,335	166	15,919,822
14. Machinery industries (except electrical machinery):								
33	Miscellaneous machinery and equipment, n.e.s.	45	354	102	2,547,191	1,087	25	5,172,703
34	Commercial refrigeration and air conditioning equip-ment	2	7	3	43,650	40	1	158,660
35	Agricultural implement industry	2						
36	Totals	49	361	105	2,590,841	1,127	26	5,331,363

¹ See "Changes in Classification and Concept" at beginning of this report.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - 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					
9,496	53,943,378	16,592,447	102,789,768	167,296,322	284,225,380	1
283	1,334,657	52,148	3,207,400	2,424,325	5,664,834	2
290	1,067,373	31,681	6,360,760	3,662,215	10,046,589	3
853	4,156,990	210,212	11,370,455	8,299,767	19,986,813	4
200	726,651	17,341	1,901,332	1,277,874	3,219,323	5
11,122	61,229,049	16,903,829	125,629,715	182,960,503	323,142,939	6
892	3,710,163	114,891	2,715,303	5,441,335	8,274,622	7
534	2,722,162	62,332	3,040,336	4,137,071	7,226,642	8
170	869,418	19,725	230,885	1,266,342	1,514,760	9
27	145,158	3,541	7,137	215,869	226,697	10
182	656,210	-	1,407,721	3,335,150	4,743,071	11
2,927	14,772,527	313,207	6,990,668	26,522,045	33,833,568	12
4,732	22,875,838	513,696	14,392,050	40,917,812	55,819,360	13
374	3,189,529	795,249	10,247,480	5,144,301	15,728,728	14
373	1,727,445	62,986	909,880	2,553,863	3,471,133	15
106	497,418	55,473	1,393,512	1,363,014	2,648,159	16
5,589	29,959,166	3,152,069	95,483,367	57,439,720	155,877,887	17
6,841	35,373,558	4,065,777	108,034,239	66,500,898	177,725,907	18
141	732,477	32,891	771,461	995,394	1,766,751	19
906	4,596,163	172,155	7,541,072	6,115,769	13,800,485 ²	20
461	2,047,303	74,795	2,707,319	3,799,211	6,458,394	21
838	4,483,576	188,346	13,320,305	9,189,072	23,685,872	22
600	2,645,320	134,127	5,147,360	5,977,232	11,051,347	23
343	1,476,265	64,648	1,904,031	4,887,974	6,887,797	24
149	605,352	38,252	1,154,973	1,253,692	2,452,871	25
1,092	4,731,017	215,309	3,991,837	6,836,161	11,018,440	26
429	2,037,078	139,954	3,280,779	2,979,358	6,713,359	27
4,959	23,354,551	1,060,477	39,819,137	42,033,863	83,835,316	28
1,568	7,719,894	261,686	7,549,407	12,144,643	20,486,493	29
51	202,310	7,054	141,906	288,130	440,266	30
1,619	7,922,204	268,740	7,691,313	12,432,773	20,926,759	31

¹ Reported on a production basis.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - Continued

No.	Industrial group by industry	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
15. Transportation equipment industries:								
1	Aircraft and parts manufacturers	8	43	26	417,253	242	-	1,115,122
2	Truck body and trailer manufacturers	14	43	6	259,861	176	2	760,122
3	Motor vehicle parts and accessories manufacturers	6	13	4	76,299	58	-	225,434
4	Shipbuilding and repair	19	358	114	2,700,978	2,471	3	12,123,632
5	Boatbuilding and repair	74	96	13	377,340	237	5	934,491
6	Motor vehicle manufacturers	3	140	36	873,438	347	-	1,564,246
7	Railroad rolling stock industry	1						
8	Totals	125	693	199	4,705,169	3,531	10	16,723,047
16. Electrical products industries:								
9	Communications equipment manufacturers	8	144	50	1,071,480	103	102	804,821
10	Manufacturers of electrical industrial equipment	6	60	10	294,739	130	15	708,135
11	Battery manufacturers	5	13	3	65,359	40	7	155,615
12	Manufacturers of major appliances (electric and non- electric)	1	50	15	322,216	180	12	974,188
13	Manufacturers of household radio and television re- ceivers	1						
14	Manufacturers of small electrical appliances	3						
15	Manufacturers of electric wire and cable	2						
16	Manufacturers of miscellaneous electrical products	7	15	6	138,079	52	21	258,141
17	Totals	33	282	84	1,891,873	505	157	2,698,847
17. Non-metallic mineral products industries:								
18	Concrete products manufacturers	49	82	10	346,578	295	1	1,317,704
19	Ready-mix concrete manufacturers	25	78	20	557,568	344	2	1,752,034
Clay products manufacturers:								
20	Clay products (from domestic clays)	6	30	10	169,082	224	17	1,123,255
21	Clay products (from imported clays)	3						
22	Stone products manufacturers	11	14	3	71,588	32	-	126,643
23	Asbestos products manufacturers	3	5	3	46,883	27	-	97,830
Glass and glass products manufacturers:								
24	Glass products manufacturers	6	9	3	47,178	24	4	87,767
25	Abrasives manufacturers	1	101	19	827,140	446	-	2,264,697
26	Cement manufacturers	2						
27	Gypsum products manufacturers	2						
28	Lime Manufacturers	3						
29	Mineral wool manufacturers	1						
30	Refractories manufacturers	2						
31	Miscellaneous non-metallic mineral products, n.e.s.	3	9	2	80,200	18	-	96,265
32	Totals	117	328	70	2,146,217	1,410	24	6,866,195
18. Petroleum and coal products industries:								
33	Petroleum refining	7	454	100	3,774,077	740	-	4,254,533
34	Miscellaneous petroleum and coal products, n.e.s.	1	2	2	2	2	2	2
35	Manufacturers of lubrication oils and greases	3						
36	Total	11	2	2	2	2	2	2

¹ See "Changes in Classification and Concept" at beginning of this report.² Confidential. Included in "Groups for which no data is shown."

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - 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			
311	1,532,375	36,031	1,945,115	3,717,342	5,654,488	1
227	1,019,983	35,832	2,080,367	1,545,113	3,646,437	2
75	301,733	22,889	265,575	497,174	781,341	3
2,946	14,824,610	359,758	8,815,276	20,955,941	30,111,504 ¹	4
351	1,311,831	46,634	1,258,616	1,820,650	3,085,778	5
523	2,437,684	60,889	4,885,694	5,370,078	10,188,856	{ 6 7
4,433	21,428,216	562,033	19,250,643	33,906,298	53,468,404	8
399	1,876,301	35,203	2,111,746	3,522,240	5,270,305	9
215	1,002,874	25,294	1,900,547	1,428,102	3,490,132	10
63	220,974	22,080	514,719	402,842	974,750	11
357	1,096,351	109,730	3,627,615	2,404,320	6,172,274	{ 12 13 14 15
94	394,220	15,387	978,278	580,162	1,511,735	16
1,028	4,590,720	207,694	9,132,905	8,337,666	17,419,196	17
388	1,664,282	188,823	2,289,899	3,524,957	5,696,935	18
444	2,309,602	358,018	4,722,845	3,053,452	8,189,438	19
281	1,292,337	338,376	646,534	2,425,926	3,640,841	{ 20 21
49	198,231	11,034	149,735	299,097	459,342	22
35	144,713	14,473	175,675	210,538	412,282	23
40	134,945	3,588	225,759	220,946	450,561	24
566	3,091,837	1,612,956	3,471,029	7,517,043	12,738,067	{ 25 26 27 28 29 30
29	176,465	45,914	295,994	268,873	636,783	31
1,832	9,012,412	2,573,182	11,977,470	17,520,832	32,224,249	32
1,294	8,028,610	1,352,156	81,304,232	25,047,368	110,051,004	33
?	?	?	?	?	?	{ 34 35
?	?	?	?	?	?	36

¹ Reported on a production basis.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - Concluded

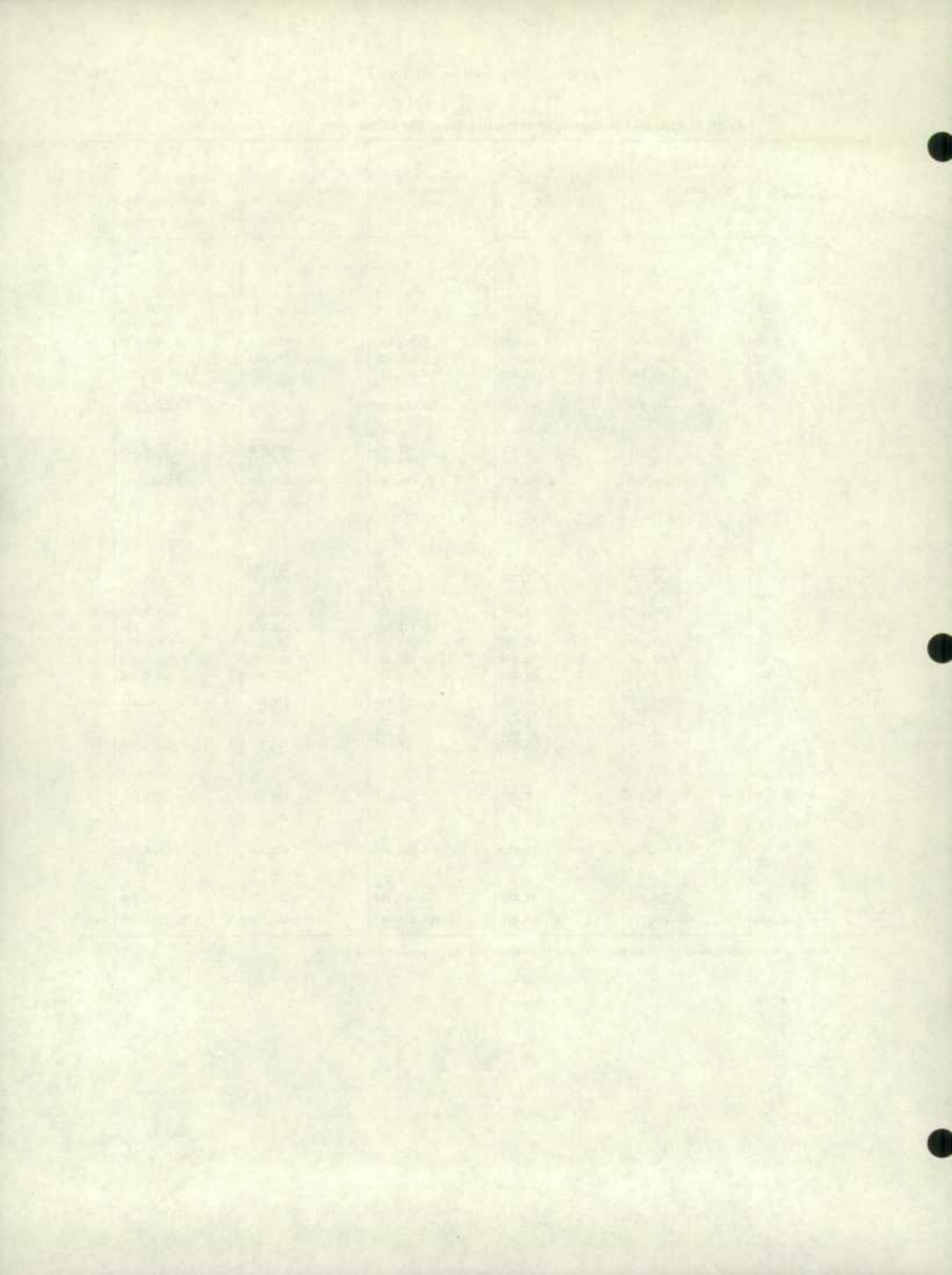
No.	Industrial group by industry	Estab-lish-ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
19. Chemical and chemical products industries:								
1	Manufacturers of plastics and synthetic resins	4	23	9	172, 131	34	—	171, 490
2	Manufacturers of pharmaceuticals and medicines	10	13	7	115, 873	15	27	102, 365
3	Paint and varnish manufacturers	17	127	77	1,074, 570	236	41	1, 165, 215
4	Manufacturers of soap and cleaning compounds	11	15	8	96, 354	19	14	104, 346
5	Manufacturers of industrial chemicals	16	333	40	2,094, 168	1,060	12	5,059, 579
6	Explosives and ammunition manufacturers	1	72	28	587, 499	79	—	389, 575
7	Manufacturers of mixed fertilizers	2						
8	Manufacturers of toilet preparations	1						
Other chemical industries:								
9	Manufacturers of printing inks	5	8	5	65, 793	30	—	128, 177
10	Miscellaneous chemicals, n.e.s.	33	45	26	277, 860	100	14	391, 254
11	Totals	100	636	200	4, 484, 248	1, 573	108	7, 512, 001
20. Miscellaneous manufacturing industries:								
Scientific and professional equipment manufacturers:								
12	Orthopedic and surgical appliance manufacturers	7	9	1	45, 728	9	1	35, 810
13	Instrument and related products manufacturers	4	4	—	23, 240	3	—	12, 789
14	Jewellery and silverware manufacturers	16	28	25	164, 545	81	13	370, 191
15	Broom, brush and mop industry	7	16	6	81, 406	33	10	125, 521
16	Venetian blind manufacturers	8	9	3	38, 193	8	6	34, 715
17	Plastic fabricators, n.e.s.	23	47	20	314, 751	108	44	504, 453
18	Sporting goods industry	16	19	10	83, 295	23	29	148, 341
19	Signs and displays industry	47	119	45	939, 084	332	14	1, 599, 834
Miscellaneous manufacturing industries, n.e.s.:								
20	Artificial ice manufacturers	3	5	2	20, 669	18	—	66, 181
21	Model and pattern manufacturers	7	9	2	52, 596	16	—	81, 001
22	Stamp and stencil (rubber and metal) manufacturers	9	16	9	112, 952	30	8	141, 232
23	Statuary, art goods, regalia and novelty manufacturers	4	4	—	6, 250	—	—	—
24	Umbrella manufacturers	3	6	—	55, 681	3	11	27, 549
25	Candle manufacturers	1	12	5	50, 385	20	10	70, 093
26	Hair goods manufacturers	2						
27	Fur dressing and dyeing industry	1						
28	Musical instruments and sound recording industries ..	1						
29	Smokers' supplies manufacturers	1						
30	Toys and games industry	2						
31	Typewriter supplies manufacturers	1						
32	Miscellaneous industries, n.e.s.	1						
33	Totals	164	303	128	1, 988, 775	684	146	3, 217, 710
34	21. Groups for which no data is shown*	8	19	17	170, 354	106	227	958, 569
35	Totals, all industries	3, 502	15, 406	5, 067	112, 008, 822	68, 916	8, 129	328, 188, 954

¹ See "Changes in Classification and Concept" at the beginning of this report.

TABLE 6. Principal Statistics, by Industrial Group and by Industry, 1961¹ - Concluded

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					
66	343,621	44,256	4,011,130	2,006,713	6,052,264	1
62	218,238	5,925	229,500	432,886	668,271	2
481	2,239,785	83,487	6,078,891	8,153,210	14,168,823	3
56	200,700	11,841	839,220	780,411	1,625,216	4
1,445	7,153,747	2,434,100	17,209,312	25,394,478	41,867,578	5
179	977,074	41,100	1,392,395	1,477,616	2,960,923	8
43	193,970	9,642	381,658	567,558	938,316	9
185	669,114	89,976	1,694,858	1,878,354	3,579,920	10
2,517	11,996,249	2,720,327	31,836,964	40,689,226	71,861,311	11
20	81,538	2,339	45,588	115,372	163,394	12
7	36,029	1,250	18,181	76,569	93,384	13
147	534,736	5,950	346,029	783,722	1,114,307	14
55	206,927	4,450	179,101	293,047	478,035	15
26	72,908	3,122	173,686	125,800	301,550	16
319	819,204	47,190	2,088,659	1,466,948	3,531,057	17
81	231,636	12,182	287,384	408,555	688,204	18
510	2,538,918	69,469	1,427,121	3,709,646	5,177,980	19
25	86,850	21,485	9,941	119,922	156,943	20
27	133,597	2,213	21,971	184,908	206,737	21
63	254,184	6,237	107,630	298,443	412,635	22
4	6,250	988	2,057	11,202	12,047	23
20	83,230	2,973	95,868	104,213	204,969	24
47	120,478	7,290	122,347	228,711	358,013	25
1,261	5,206,485	187,138	4,925,563	7,927,058	12,839,255	26
369	1,128,923	87,329	2,640,180	2,764,225	5,453,208	27
97,518	440,197,776	47,337,571	1,065,073,007	863,442,538	1,967,091,438	28
						29
						30
						31
						32
						33
						34
						35

¹ Totals of confidential items in "Knitting mills" and "Petroleum and coal products" major groups.



SUBSECTION 2

YUKON AND NORTHWEST TERRITORIES

2025 RELEASE UNDER E.O. 14176

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

TABLE 7. Principal Statistics of the Manufacturing Industries of Yukon and Northwest Territories 1939 - 61

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
	No.	\$	No.	dollars			
1939	5	538,847	55	97,766	138,500	92,054	242,988
1940	9	666,281	78	123,276	97,240	152,733	266,745
1941	9	785,012	59	111,641	129,477	199,863	341,377
1942	9	852,827	68	106,278	139,006	263,471	417,773
1943	8	589,841	62	120,714	138,369	237,709	395,943
1944	12	Not collected	67	118,972	189,718	260,803	489,256
1945	12	"	64	126,940	153,466	517,685	704,663
1946	13	"	92	200,560	172,845	408,727	646,295
1947	14	"	145	313,281	690,533	525,030	1,344,109
1948	17	"	137	346,220	818,919	379,525	1,330,110
1949	18	"	148	359,068	643,807	604,896	1,377,453
1950	19	"	123	285,656	1,039,954	569,167	1,741,531
1951	18	"	152	405,690	1,097,991	758,986	2,018,909
1952	23	"	164	530,126	1,075,561	1,022,974	2,288,039
1953	30	"	177	569,995	1,349,970	1,012,008	2,518,683
1954	31	"	191	630,316	1,492,898	1,855,633	3,536,300
1955	26	"	170	604,507	2,843,895	1,732,511	4,751,000
1956	24	"	175	681,433	3,867,415	1,076,223	5,130,497
1957	22	"	166	657,765	1,627,311	1,409,691	3,221,268
1958	16	"	145	678,157	2,740,184	659,154	3,979,489
1959	12	"	115	610,084	2,156,809	649,720	2,832,386
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
Year	No.	\$	No.	dollars			
	No.	\$	No.	dollars			
1957 ⁴	21	Not collected	163	652,065	1,610,861	⁴	3,041,083
1958 ⁴	14	"	141	672,397	2,719,924	979,284	3,595,127
1959 ⁴	11	"	114	609,784	2,155,549	652,409	2,695,039
1960 ⁴	14	"	124	615,503	1,444,781	1,324,896	2,927,723
1961 ⁴	13	"	138	681,246	2,600,056	707,985	3,434,135

¹ In 1951 and previous years the "Value added by manufacture" is computed by subtracting the cost of fuel, electricity and materials used from the "Gross value of products". For 1952 and 1953 the deduction is made from the value of factory shipments. In 1954 and subsequent years from the calculated value of production. In 1954 and 1955 the value of production was obtained by adjusting shipments for inventory change of finished goods only, while in 1956 and subsequent years adjustments were made for both goods in process and finished goods. The figures for "value added" for 1956 and subsequent years are, therefore, comparable with 1951 and earlier years.

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

³ The introduction of a revised industrial classification in 1960 and the implementation of a new definition of the establishment (reporting unit) in 1961 have resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See "Changes in Classification and Concept" at beginning of this report).

⁴ Because of lack of inventory data "Value added" is not available.

TABLE 8. Principal Statistics Compared, 1960 and 1961

Item	1960 ¹	1961	+ Increase - Decrease
Establishments No.	14	13	- 1
Administrative and office employees:			
Male	25	23	- 2
Female	6	8	+ 2
Salaries..... \$	147,558	154,908	+ 7,350
Production workers:			
Male	79	88	+ 9
Female	14	19	+ 5
Wages	467,945	526,338	+ 58,393
Cost of fuel and electricity	48,634	51,725	+ 3,091
Cost at plant of materials used	1,444,781	2,600,056	+ 1,155,275
Value added by manufacture	1,324,896	707,985	- 616,911
Selling value of factory shipments	2,927,723	3,434,135	+ 506,412

¹ Since the 1960 figures were adjusted to compare with the 1961 data and reflect the change in concept introduced in the 1961 Census, they differ from the Statistics published previously.

MANUFACTURING INDUSTRIES

TABLE 9. Principal Statistics, by Industrial Group and by Industry, 1961¹

Basis: Revised Standard Industrial Classification and New Establishment Concept

No.	Industrial group by industry	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	1. Food and beverage industries:							
1	Bakeries	2	6	2	30,565	4	4	23,652
2	Soft drink manufacturers	3						
3	Totals	5	6	2	30,565	4	4	23,652
4	2. Tobacco products industries	-	-	-	-	-	-	-
5	3. Rubber industries	-	-	-	-	-	-	-
6	4. Leather industries	-	-	-	-	-	-	-
7	5. Textile industries	-	-	-	-	-	-	-
8	5. Knitting mills	-	-	-	-	-	-	-
9	7. Clothing industries	-	-	-	-	-	-	-
	8. Wood industries:							
10	Sawmills (including shingle mills)	4	8	1	29,904	33	-	120,983
11	Totals	4	8	1	29,904	33	-	120,983
12	9. Furniture and fixture industries	-	-	-	-	-	-	-
13	10. Paper and allied industries	-	-	-	-	-	-	-
	11. Printing, publishing and allied industries:							
14	Printing and publishing	2	2	2	2	2	2	2
15	12. Primary metal industries	-	-	-	-	-	-	-
16	13. Metal fabricating industries (except machinery and transportation equipment industries)	-	-	-	-	-	-	-
17	14. Machinery industries (except electrical machinery)	-	-	-	-	-	-	-
18	15. Transportation equipment industries	-	-	-	-	-	-	-
19	16. Electrical products industries	-	-	-	-	-	-	-
20	17. Non-metallic mineral products industries	-	-	-	-	-	-	-
	18. Petroleum and coal products industries:							
21	Petroleum refining	2	2	2	2	2	2	2
	19. Chemical and chemical products industry:							
22	Manufacturers of industrial chemicals	-	-	-	-	-	-	-
23	20. Miscellaneous manufacturing industries	-	-	-	-	-	-	-
24	21. Groups for which no data is shown²	4	9	5	94,439	51	15	381,703
25	Grand totals	13	23	8	154,908	88	19	526,338

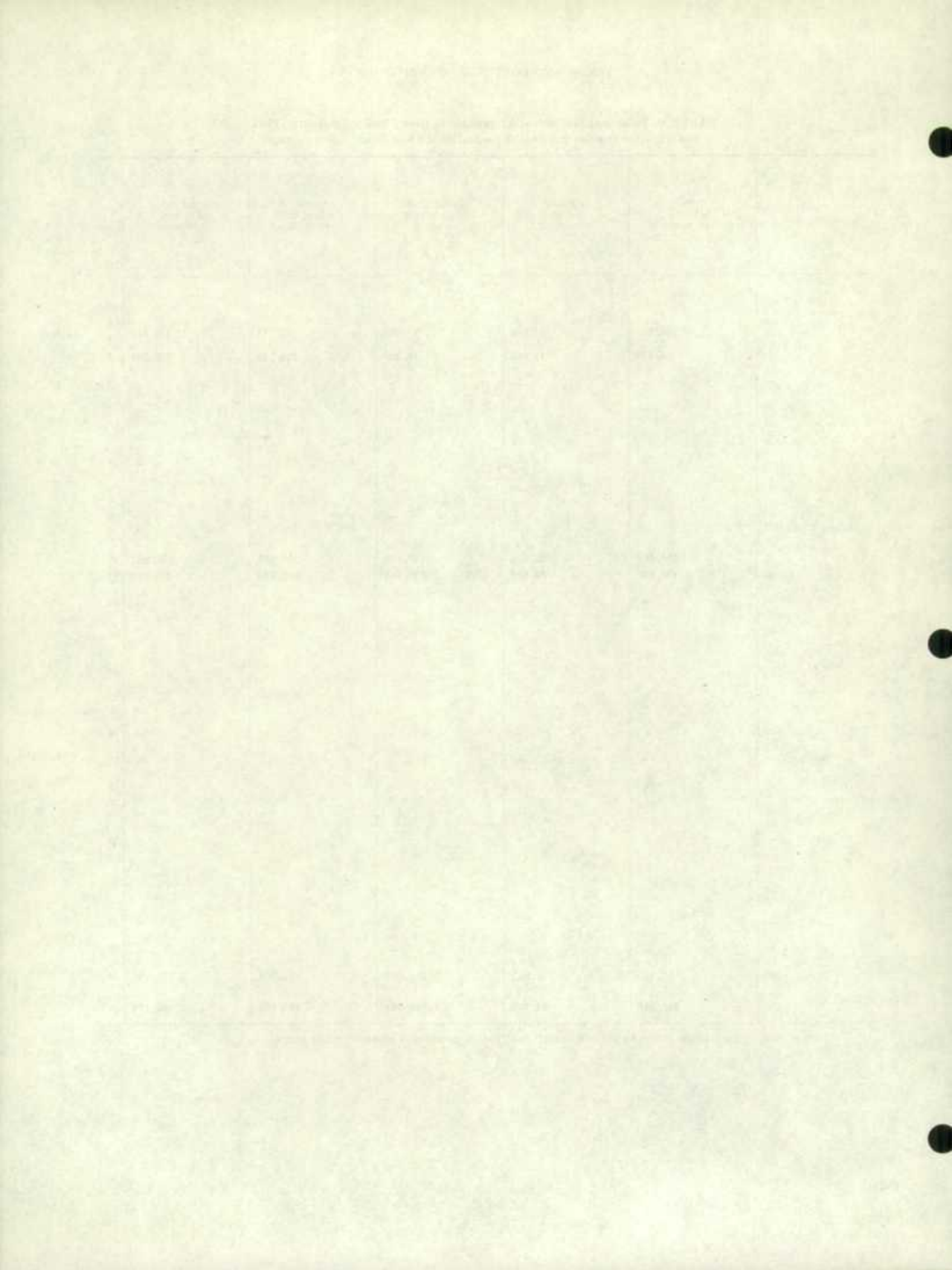
¹ See "Changes in Classification and Concept" at beginning of this report.² Confidential. Included in "Groups for which no data is shown".

TABLE 9. Principal Statistics, by Industrial Group and by Industry, 1961¹

Basis: Revised Standard Industrial Classification and New Establishment Concept

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
number	dollars					
16	54,217	11,068	78,296	128,713	218,545	1
16	54,217	11,068	78,296	128,713	218,545	2
-	-	-	-	-	-	3
-	-	-	-	-	-	4
-	-	-	-	-	-	5
-	-	-	-	-	-	6
-	-	-	-	-	-	7
-	-	-	-	-	-	8
-	-	-	-	-	-	9
42	150,887	20,825	249,668	226,479	475,851	10
42	150,887	20,825	249,668	226,479	475,851	11
-	-	-	-	-	-	12
-	-	-	-	-	-	13
-	-	-	-	-	-	14
-	-	-	-	-	-	15
-	-	-	-	-	-	16
-	-	-	-	-	-	17
-	-	-	-	-	-	18
-	-	-	-	-	-	19
-	-	-	-	-	-	20
-	-	-	-	-	-	21
-	-	-	-	-	-	22
-	-	-	-	-	-	23
80	476,142	19,832	2,272,092	352,793	2,739,739	24
138	681,246	51,725	2,600,056	707,985	3,434,135	25

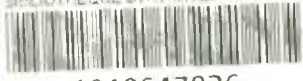
¹ Totals of confidential items in "Printing and publishing" and "Petroleum and coal products" major groups.





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