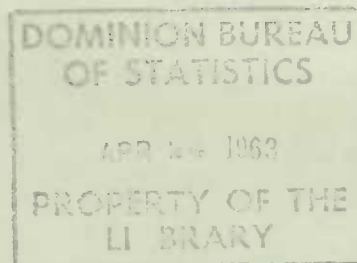


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MANUFACTURING INDUSTRIES OF CANADA

Section D

PROVINCE OF ONTARIO

1960

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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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MANUFACTURING INDUSTRIES OF CANADA

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PROVINCE OF ONTARIO

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.

3. In the new S.I.C. two new industries, Manufacturers of household radio and television receivers and Communications equipment manufacturers are a split of the old S.I.C. industry, Telecommunications equipment. There is one significant change in the group in the transfer of manufacturers of telephone equipment from the old S.I.C. industry, Miscellaneous electrical products to the new S.I.C. Communications equipment manufacturers.

4. Also in the new S.I.C. two new industries, Manufacturers of small electrical appliances and Manufacturers of major appliances (electric and non-electric) take the place of the old S.I.C. industry, Refrigerators, vacuum cleaners and appliances. The significant change here is the transfer of Manufacturers of washing machines and sewing machines from the old S.I.C. industry, Household, Office and store machinery and Stoves, electric and non-electric, from the old S.I.C. industry, Heating and cooking apparatus to the new S.I.C. industry, Major appliances (electric and non-electric).

5. Another new S.I.C. industry, Manufacturers of electric wire and cable was split out of the old S.I.C. industry, Miscellaneous electrical products.

6. The industry Battery manufacturers in the new S.I.C. is unchanged from the old S.I.C. industry, Batteries except for the change in title.

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

Note: The figures in the above tables refer to Canada.

GENERAL REVIEW, 1960

The downturn in manufacturing production which began in the fall of 1957 continued throughout 1958. Ontario being the largest producer of durable goods which are more affected by changes in the business cycle was consequently affected more than any other major industrial province. The recovery in production which occurred in 1959 was, therefore, more pronounced in Ontario than in most of the other provinces. In 1960 the level of manufacturing production in Ontario was slightly lower than for the rest of Canada which operated at a level closely approaching that of the previous year. The value of factory shipments in Ontario in 1960 was 0.3 p.c. higher as against an increase of 1.8 p.c. for Canada as a whole, while the number of persons employed was 2.2 p.c. lower in Ontario and 1.0 p.c. for Canada. Selling value of factory shipments in 1960 at \$11,685,675,652 and salaries and wages paid at \$2,585,676,553 were the highest on record while the value added by manufacture at \$5,319,683,901 was only slightly below the record value in 1959. In spite of increased shipments the number of employees was 1.0 p.c. lower than in 1959 and 6.1 p.c. lower than in 1957 which was the record year for employment. This is in line with the trend in recent years for the same volume of output to be produced with fewer employees. With the increase in automation and technological improvements this trend will in all probability continue at an accelerated pace. Indicative of this trend is the increase since 1949 for Canada as a whole of 49.3 p.c. in the volume of production as compared with an increase of only 10.5 p.c. in the number of persons employed. Since indexes of the volume of production are not available by provinces no direct comparison can be made for Ontario. As Ontario produces about half of the Canada total there is no doubt that the trend in Ontario was similar to that for Canada as a whole.

Ontario, which is now recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Here, the proximity of raw materials, cheap hydro-electric power, and a strategic location in relation to export markets, not only on this continent but overseas, have been the decisive factors in the development of Ontario to its present industrial position. Most of the manufactures of the province and most of its population are located in Southern Ontario. This area has the inestimable advantage of bordering of the St. Lawrence-Great Lakes waterway system which gives access westward to the heart of the continent and eastward to the shipping routes of the world, and which is also the source of most of Ontario's hydro-electricity. Many new industrial areas are being created as new industries and branch plants of established industries are increasingly being located in the smaller towns.

As Ontario is a major producer of durable goods, such as transportation equipment, primary iron and steel, electrical industrial equipment, electrical and non-electrical major appliances and miscellaneous machinery and equipment, it therefore experiences wider fluctuations in manufacturing production than provinces producing non-durable or consumer goods. As a result, the small downturn of 1954 was more keenly felt by Ontario manufacturers. Factory ship-

ments in that year were 3.9 p.c. lower as compared with a drop of 1.3 p.c. for Canada as a whole, while in employment the drop in Ontario was 5.6 p.c. while for Canada it was 4.5 p.c. Conversely, with the improvement during the following three years Ontario in 1957 reported an increase of 29.8 p.c. in factory shipments and 7.6 p.c. in employment as compared with 1954. This compares with increases of 26.4 p.c. and 7.2 p.c. for Canada as a whole. The minor depression of 1958 followed the usual pattern. In comparing employment and shipments with 1957 it is found that in employment Ontario manufacturers suffered a loss of 5.8 p.c. as compared with 5.1 p.c. for Canada as a whole, while in the case of shipments the declines were 1.9 and 0.1 p.c. respectively. As already mentioned, the upturn in 1959 followed the expected trend. The increase in employment and value of shipments were both higher in Ontario than for Canada as a whole.

Although the level of production for Canada as a whole in 1960 was about the same as in the previous year, Ontario manufacturers had a lower share of the total. This was due to a decline of 2.1 p.c. in the output of durable goods in which Ontario predominates.

On the basis of employment provided, the durable goods industries in 1960 contributed 302,887 or 50.2 p.c. of the manufacturing employment in Ontario, while the non-durable or consumer goods industries contributed the balance of 300,580 or 49.8 p.c. Transportation equipment was the leading group in the durable goods sector with 58,605 employees in 1960. This was followed by metal fabricating (except machinery and transportation equipment) with 55,495, primary metal industries 53,838, electrical products 50,757, machinery (except electrical) 31,819, non-metallic mineral products 20,295, wood industries 16,090 and furniture and fixtures industries 15,988. In the non-durable goods sector, the industries producing foods and beverages with 81,637 employees comprised the major group. This was followed by printing, publishing and allied industries with 37,098, paper and allied industries 36,510, miscellaneous manufacturing industries 28,593, chemicals and chemical products 28,440, clothing 22,427, textiles 22,030, rubber goods 14,184, leather industries 12,958, knitting mills 8,186 and petroleum and coal products 5,674.

As mentioned previously, manufacturing employment in Ontario declined by 2.2 p.c. in 1960 as compared with the previous year. Producers of non-durable goods reported a drop of 0.5 p.c. while producers of durable goods in which Ontario predominates reported a drop of 3.7 p.c. All of the groups in the durable goods sector, with the exception of metal fabricating (except machinery and transportation equipment) and furniture and fixtures industries, reported declines in employment. The largest decline of 6.7 p.c. was reported by the machinery (except electrical) group, followed by 6.5 p.c. for transportation equipment, 6.4 p.c. for wood industries, 6.2 p.c. for electrical products, 3.3 p.c. for non-metallic mineral products and 1.5 p.c. for primary metals. Employment in the metal fabricating and furniture groups were only fractionally higher. In the non-durable goods sector the trend was mixed, with four groups

reporting higher employment and eight groups lower employment. Of the four groups reporting higher employment chemicals and chemical products had an increase of 4.7 p.c., miscellaneous manufacturing industries 3.3 p.c., printing, publishing and allied industries 1.6 p.c. and foods and beverages 0.8 p.c. For the eight groups reporting lower employment, the declines ranged between 8.6 p.c. for textiles and 0.1 p.c. for paper and allied industries.

Despite the great industrial progress made by other provinces, Ontario continues to maintain its predominance and in 1960 produced about 50 per cent of the nation's manufactured goods. A vast increase of steel ingot capacity is being made possible by developments of Steep Rock Iron Mines. At Sarnia, huge investments have gone into the construction of a new plant for a whole group of new products based on Alberta oil flowing through the Edmonton-Superior pipe line. Other significant developments are taking place in synthetic rubber, synthetic textiles, and industrial and consumer chemicals. Ontario has continued to gain in such traditional lines as motor vehicles, industrial and farm machinery, and the manufacture of household equipment. The same may be said of other "hard" goods like business and office machinery and electrical apparatus and supplies. Numerous plants making aircraft components and building materials have favoured the Toronto area, while chemical and synthetic textile plants have been rising in the vicinity of Sarnia and along the lower reaches of the St. Lawrence River between Cornwall and Kingston.

Ontario has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, rubber tires, agricultural implements, office and store machinery, breakfast cereals, starch and glucose and the processing of raw tobacco are carried on practically in this province alone. Of the 182 industries listed for Canada 35 had shipments of over \$200,000, 35 had shipments of \$100,000 to \$200,000 and 112 had shipments below \$100,000. Of the 35 largest industries in Canada in 1960, 12 were dominated by Ontario's share of the total production. These industries, with the percentage which the production of each bears to that of the 1960 Canada totals are as follows: motor vehicle manufacturers 98.1, motor vehicle parts and accessories 97.2, manufacturers of electrical industrial equipment 84.9, iron and steel mills 78.7, manufacturers of major appliances (electric and non-electric) 74.9, fruit and vegetable canners and preservers 67.0, miscellaneous machinery and equipment manufacturers 65.1, miscellaneous metal fabricating industries 64.4, wire and wire products manufacturers 63.8, manufacturers of industrial chemicals 59.3, printing and publishing industry 57.3 and metal stamping, pressing and coating industry 57.1.

There are also 21 medium-sized industries with a total Canadian production of \$100,000 to \$200,000 in which Ontario dominates. This is out of a total of 35 for Canada as a whole. In this category are: leaf tobacco processing 95.9, agricultural implements 90.3, soaps and cleaning compounds 89.3, instruments

and related products 78.0, household radio and television receivers 73.2, other chemical products, n.e.s. 69.4, hardware, tools and cutlery 69.3, other paper converters 68.3, lithographing 66.1, steel pipe and tube mills 65.9, other rubber industries 64.6, ornamental and architectural metal industry 64.5, miscellaneous electrical products 63.5, folding and set-up boxes 62.7, confectionery 58.2, vegetable oil mills 56.1, paint and varnish manufacturers 55.2, copper and alloy rolling, casting and extruding 54.0, pharmaceuticals and medicines 53.1 and concrete products 52.0. The production of rubber tires is also in this category, the percentage, however, cannot be shown.

In addition, Ontario dominated many of the small industries in 1960 as indicated by the following percentages of the Canadian total. In this category were: office and store machinery 94.4, breakfast cereals 92.0, smokers' supplies 89.9, models and patterns 87.4, pressed and punched felt mills 86.9, glass products 86.0, wineries 85.6, mineral wool 85.2, cordage and twine 84.5, typewriter supplies 84.4, leather tanneries 84.0, small electrical appliances 83.8, sporting goods 82.0, commercial refrigeration and air conditioning 81.9, vegetable oil mills 81.8, abrasives 81.2, clocks and watches 78.0, truck bodies and trailers 76.3, metal rolling, casting and extruding 75.6, etc.

Establishments reporting in 1960 numbered 13,387. They furnished employment to 603,467 persons who were paid \$2,585,676,553 in salaries and wages, and spent \$6,126,027,277 for materials used. The value added by manufacture which is the calculated value of production less the cost of materials used, including the cost of fuel and electricity, amounted to \$5,319,683,901, while the selling value of factory shipments totalled \$11,685,675,652.

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.

To calculate the value of production, it is necessary to adjust the value of shipments for the difference in the opening and closing inventories of finished goods and goods in process. As the census of industry schedules for 1952 and 1953 did not contain data on opening and closing inventories, no calculation can be made directly for value of production. For these two years, therefore, the value added 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 subsequent years value of production figures were adjusted for inventory changes 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.

TABLE 1. Principal Statistics of the Manufacturing Industries, by Provinces, 1960¹

Basis: Revised Standard Industrial Classification, adopted in 1960

Provinces	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ²	Selling value of factory shipments
	number		dollars			
Newfoundland	635	9, 489	32, 703, 188	58, 903, 797	64, 650, 269	129, 284, 578
Prince Edward Island	184	1, 806	4, 254, 917	21, 220, 060	8, 690, 360	30, 231, 361
Nova Scotia.....	1, 278	28, 606	92, 280, 125	220, 292, 841	174, 808, 237	406, 182, 088
New Brunswick.....	901	22, 267	71, 586, 377	209, 113, 069	158, 035, 175	377, 110, 146
Quebec.....	11, 961	433, 949	1, 620, 314, 474	3, 881, 172, 827	3, 172, 769, 694	7, 206, 096, 003
Ontario.....	13, 387	603, 467	2, 585, 676, 553	6, 126, 027, 277	5, 319, 683, 901	11, 685, 675, 652
Manitoba	1, 592	42, 339	154, 263, 811	419, 583, 431	306, 434, 692	738, 457, 346
Saskatchewan	887	12, 918	49, 764, 266	215, 404, 848	119, 776, 935	344, 773, 261
Alberta.....	1, 848	39, 157	156, 339, 528	524, 908, 916	353, 197, 544	889, 657, 800
British Columbia	3, 995	100, 507	439, 368, 651	1, 026, 998, 973	853, 836, 400	1, 936, 917, 630
Yukon and Northwest Territories..	14	124	615, 503	1, 444, 781	1, 325, 787	3, 071, 218
Canada.....	36, 682	1,294, 629	5, 207, 167, 393	12, 705, 070, 820	10, 533, 208, 994	23, 747, 457, 083

See footnotes 1 and 3 below.

TABLE 2. Principal Statistics Compared, 1959 and 1960¹

Principal statistics	1959 ²	1960	+ Increase - Decrease
Establishments..... No.	12, 650	13, 387	+ 737
Administrative and office employees:			
Male..... "	108, 764	110, 174	+ 1, 410
Female..... "	44, 675	45, 052	+ 377
Salaries..... \$	802, 082, 240	834, 859, 967	+ 32, 777, 727
Production workers:			
Male..... No.	368, 718	358, 529	- 10, 189
Female..... "	92, 323	89, 712	- 2, 611
Wages..... \$	1, 758, 021, 662	1, 750, 816, 586	- 7, 205, 076
Cost of fuel and electricity..... \$	250, 201, 070	252, 266, 844	+ 2, 065, 774
Cost at plant of materials used..... \$	6, 143, 081, 617	6, 126, 027, 277	- 17, 054, 340
Value added by manufacture ³ \$	5, 322, 722, 752	5, 319, 683, 901	- 3, 038, 851
Selling value of factory shipments..... \$	11, 599, 765, 654	11, 685, 675, 652	+ 85, 909, 998

¹ Statistics for 1960 include two industries which were not covered in previous years: Poultry Processors in the Food and Beverages Industries Group and Dental Laboratories in the Miscellaneous Manufacturing Industries Group. (See text page 7).² Since the 1959 figures were re-compiled on the basis of the Revised Standard Industrial Classification, they differ from those published previously.³ 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, page 12).

TABLE 3. Principal Statistics of the Manufacturing Industries, 1931-60

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	9,546	1,811,379,155	257,601	297,214,788	597,121,355	624,809,456	1,257,449,583
1932	9,230	1,660,299,740	227,859	241,163,008	459,279,685	481,979,742	971,521,866
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1934	9,698	1,560,415,973	248,761	256,970,207	609,875,050	562,399,245	1,205,418,094
1935	9,636	1,542,657,257	270,449	289,982,198	717,862,532	609,641,993	1,363,185,363
1936	9,753	1,588,484,130	288,992	314,872,843	822,884,081	686,470,917	1,547,551,931
1937	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1938	9,883	1,676,896,175	311,274	362,351,277	909,958,721	757,620,632	1,712,496,421
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1940	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	1,004,529,583	2,302,014,654
1941	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944	10,730	Not collected	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945	10,869	"	518,056	883,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946	11,424	"	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
1947	11,860	"	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948	12,118	"	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	"	557,180	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809	"	566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981
1951	13,025	"	599,433	1,669,386,982	4,334,394,367	3,569,400,065	8,074,731,217
1952	13,172	"	609,696	1,844,186,405	4,387,431,403	3,811,106,576	8,372,173,626
1953	13,114	"	634,554	2,017,982,218	4,560,134,562	4,130,126,462	8,876,504,990
1954	13,178	"	598,914	1,954,767,388	4,412,536,948	3,930,730,030	8,533,167,214
1955	13,276	"	613,872	2,088,905,627	5,014,225,423	4,426,654,771	9,617,642,961
1956	13,215	"	641,190	2,310,634,396	5,683,753,088	4,868,570,251	10,655,098,620
1957	13,580	"	644,245	2,430,676,464	5,827,317,500	5,047,710,789	11,078,592,683
1958	13,276	"	606,362	2,412,654,652	5,704,319,497	4,914,073,665	10,864,028,332
1959	13,081	"	615,746	2,564,684,234	6,190,618,182	5,332,081,500	11,668,460,562
Basis: Revised Standard Industrial Classification, adopted in 1960							
1957 ³	13,079	Not collected	642,481	2,425,331,675	5,781,130,876	5,002,690,629	11,020,527,114
1958 ³	12,801	"	605,839	2,413,610,158	5,667,200,473	4,907,056,284	10,810,470,126
1959 ³	12,650	"	614,480	2,560,103,902	6,143,081,617	5,322,722,752	11,599,765,654
1960 ³	13,387	"	603,467	2,585,676,553	6,126,027,277	5,319,683,901	11,685,675,652

¹ In 1951 and previous years the value added by manufacture is computed by subtracting the cost of fuel, electricity and materials from the gross value of products. For years 1952, 1953 and 1957 the deduction is made from the value of factory shipments. In 1954 and subsequent years from the calculated value of production. In years, 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. (See footnote 3, Table 2).

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

³ 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 page 7).

TABLE 4. Principal Statistics of the Forty Leading Industries, 1960

Basis: Revised Standard Industrial Classification, adopted in 1960.

No.	Industries	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments
		number		dollars			
1	Motor vehicle manufacturers	11	26,688	145,580,519	608,974,444	330,019,595	952,330,161
2	Smelting and refining	9	11,377	56,453,920	353,517,280	248,432,649	622,604,877 ²
3	Iron and steel mills	18	26,571	146,272,191	278,073,216	301,405,888	595,124,933
4	Pulp and paper mills	40	20,318	106,235,263	212,355,848	232,568,350	478,256,479
5	Slaughtering and meat packing plants	73	9,698	43,499,342	316,731,975	77,020,633	396,066,339
6	Petroleum refining	7	5,119	32,039,091	257,021,648	68,248,858	341,831,405 ²
7	Motor vehicle parts and acces- sories manufacturers	89	14,730	71,067,552	148,611,432	123,889,726	278,936,947
8	Manufacturers of industrial chemi- cals	55	9,227	50,195,770	108,247,606	135,264,993	266,889,593
9	Miscellaneous machinery and e- quipment manufacturers	261	17,578	80,256,352	113,244,362	143,230,744	256,321,562
10	Fruit and vegetable canners and preservers	158	10,326	32,379,300	124,550,485	84,374,438	209,991,765
11	Manufacturers of electrical indus- trial equipment	71	15,007	75,075,007	72,684,057	133,137,159	209,116,607
12	Metal stamping pressing and coat- ing industry	268	12,021	55,444,278	96,026,405	100,389,759	199,219,538
13	Rubber tire and tube manufacturers	8	8,004	38,260,867	89,044,498	83,839,090	173,434,805
14	Printing and publishing	288	14,102	68,793,038	45,197,667	127,053,802	173,409,971
15	Pasteurizing plants	400	10,278	41,718,743	106,122,727	62,412,769	172,935,581
16	Miscellaneous food manufacturers	110	5,182	21,492,018	105,579,484	65,038,096	172,745,600
17	Manufacturers of major appliances (electric and non-electric)	29	7,904	35,062,394	81,180,687	67,484,656	152,880,780
18	Bakeries	843	15,224	50,238,405	68,977,605	78,136,022	151,610,289
19	Printing and bookbinding	749	12,245	50,644,902	50,955,766	89,526,658	140,922,131
20	Agricultural implement industry ...	27	9,960	49,331,445	71,353,131	54,267,527	137,429,407
21	Miscellaneous metal fabricating in- dustries	194	9,445	40,305,964	55,235,019	74,066,627	130,300,021
22	Feed manufacturers	697	3,756	12,023,069	95,409,302	30,587,122	128,419,780
23	Wire and wire products manufac- turers	116	7,308	33,677,236	69,691,049	57,410,090	127,618,601
24	Manufacturers of soap and cleaning compound	67	3,336	16,782,755	49,621,041	72,650,135	124,388,734
25	Miscellaneous paper converters	104	6,849	28,613,412	67,023,655	55,014,021	121,863,352
26	Communications equipment man- ufacturers	94	10,104	41,429,335	46,473,456	70,147,147	113,765,260
27	Leaf tobacco processing	10	1,678	4,883,445	100,474,361	11,051,485	111,790,935 ²
28	Aircraft and parts manufacturers	36	8,396	40,204,903	49,330,049	58,552,937	110,138,374 ²
29	Synthetic textile mills	15	5,068	21,911,509	45,102,099	60,999,789	108,464,605
30	Breweries	18	2,735	15,858,726	23,190,140	81,276,980	106,201,961
31	Fabricated structural metal in- dustry	33	6,347	31,117,745	50,776,276	53,025,158	104,722,373 ²
32	Miscellaneous chemicals, n.e.s...	170	3,800	16,598,153	50,101,366	49,758,207	100,987,199
33	Butter and cheese plants	307	2,705	8,492,316	81,590,279	15,489,254	99,184,173
34	Distilleries	10	2,183	10,229,063	32,232,864	68,029,500	96,712,907
35	Household furniture industry	622	9,834	33,065,736	46,213,294	48,925,415	95,729,517
36	Flour mills	32	1,634	7,109,215	68,514,631	19,968,590	89,130,354
37	Manufacturers of pharmaceuticals and medicines	87	4,194	16,507,748	23,850,864	64,280,011	87,586,778
38	Manufacturers of miscellaneous electrical products	77	5,704	23,456,440	37,705,626	47,517,876	84,628,915
39	Confectionery manufacturers	90	5,154	15,719,012	40,624,718	41,727,610	83,237,419
40	Paint and varnish manufacturers...	73	2,943	13,181,075	41,499,286	39,347,505	81,379,086
	Totals, leading industries	6,366	364,732	1,681,207,254	4,383,109,698	3,625,566,871	8,188,309,114
	Totals, all industries	13,387	603,467	2,585,676,553	6,126,027,277	5,319,683,901	11,685,675,652

¹ See footnote 3, Table 2.² Reported on a production basis.

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

No.	Industrial group	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1957								
1	Food and beverage industries	3,201	11,571	5,417	69,152,853	46,734	16,138	189,689,660
2	Tobacco products industries	17	230	55	1,412,701	726	862	3,968,985
3	Rubber industries	47	2,873	1,226	19,035,321	9,606	1,971	43,478,355
4	Leather industries	230	1,160	590	8,064,246	6,757	4,797	28,992,990
5	Textile industries	382	3,516	1,683	22,931,245	13,098	8,566	60,225,393
6	Knitting mills	123	610	583	4,916,673	2,406	6,193	18,455,536
7	Clothing industries	692	2,241	1,549	15,729,127	6,556	14,148	47,560,131
8	Wood industries	1,564	2,994	593	11,990,907	14,150	1,027	40,485,671
9	Furniture and fixture industries	799	2,187	877	12,778,558	12,095	1,426	38,959,527
10	Paper and allied industries	263	5,111	2,285	39,626,398	24,981	4,369	113,347,425
11	Printing publishing and allied industries	1,401	8,156	5,251	54,904,837	17,867	4,978	87,557,994
12	Primary metal industries	208	7,071	1,988	50,965,362	45,765	642	205,418,619
13	Metal fabricating industries (except machinery and transportation equipment industries)	1,214	9,664	3,753	63,685,820	38,537	3,865	157,917,852
14	Machinery industries (except electrical ma- chinery)	296	6,878	2,530	42,252,105	21,363	1,096	84,349,068
15	Transportation equipment industries	263	17,517	4,918	115,035,589	56,692	3,021	235,895,991
16	Electrical products industries	329	14,618	5,505	94,778,741	29,293	10,590	142,434,742
17	Non-metallic mineral products industries	534	3,139	1,041	20,448,135	14,286	987	55,352,938
18	Petroleum and coal products industries	22	2,234	836	17,210,946	2,826	32	13,768,761
19	Chemical and chemical products industries	552	6,360	3,487	47,185,557	13,753	2,979	62,708,965
20	Miscellaneous manufacturing industries	942	4,073	2,341	28,278,874	11,606	6,981	54,379,077
21	Totals, 1957	13,079	112,208	46,508	740,383,995	389,097	94,668	1,684,947,680
1958								
22	Food and beverage industries	3,124	11,385	5,386	75,078,759	45,975	15,740	199,387,186
23	Tobacco products industries	17	324	97	2,355,511	1,094	1,175	6,337,596
24	Rubber industries	47	2,772	1,126	18,212,909	8,601	1,671	39,226,113
25	Leather industries	221	1,148	614	8,353,421	6,581	4,775	29,437,253
26	Textile industries	379	3,495	1,606	23,462,453	12,026	7,382	55,445,704
27	Knitting mills	123	489	483	4,551,693	2,146	5,592	17,288,387
28	Clothing industries	671	2,133	1,424	15,463,627	6,159	13,257	46,592,498
29	Wood industries	1,404	2,800	569	11,446,417	12,753	1,038	38,412,148
30	Furniture and fixture industries	734	2,048	866	12,647,626	11,235	1,359	37,525,981
31	Paper and allied industries	254	5,088	2,198	41,620,592	24,558	4,252	114,943,501
32	Printing publishing and allied industries	1,378	7,797	5,307	58,271,492	17,523	4,875	91,656,769
33	Primary metal industries	205	6,986	1,911	52,980,668	37,518	543	169,800,522
34	Metal fabricating industries (except machinery and transportation equipment industries)	1,299	9,734	3,892	67,718,281	35,339	3,820	149,509,069
35	Machinery industries (except electrical ma- chinery)	312	6,804	2,447	45,917,201	20,024	927	85,112,027
36	Transportation equipment	263	16,651	4,527	115,846,964	48,872	2,643	220,327,281
37	Electrical products industries	334	14,150	5,033	98,279,357	25,504	10,143	133,183,155
38	Non-metallic mineral products industries	516	3,377	1,061	22,877,488	14,552	978	59,734,380
39	Petroleum and coal products industries	27	3,136	1,100	24,489,982	2,549	29	12,982,739
40	Chemical and chemical products industries	551	6,385	3,428	50,261,772	14,211	3,048	67,990,914
41	Miscellaneous manufacturing industries	942	4,602	2,512	33,043,835	11,396	6,985	55,836,887
42	Totals, 1958	12,801	111,304	45,587	782,880,048	358,716	90,232	1,630,730,110

¹ See footnotes at end of table.

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			
79,860	258,842,513	28,698,195	1,098,424,845	637,805,380	1,764,928,420	1
1,873	5,381,686	258,574	66,017,132	13,176,562	79,452,268	2
15,681	62,513,676	3,951,650	117,983,850	143,895,867	265,831,367	3
13,304	37,057,236	1,466,766	60,338,092	54,920,215	116,725,073	4
26,863	83,156,638	6,573,544	167,885,274	135,235,210	309,694,028	5
9,792	23,372,209	932,842	40,447,039	36,172,555	77,552,436	6
24,494	63,289,258	970,319	97,965,712	99,650,848	198,586,879	7
18,764	52,476,578	3,121,917	102,108,815	83,769,203	188,999,935	8
16,585	51,738,085	1,848,402	75,126,808	80,730,964	157,706,174	9
36,746	152,973,823	33,549,435	347,930,436	318,417,931	699,897,802	10
36,252	142,462,831	3,025,538	123,000,105	242,704,244	368,729,887	11
55,466	256,383,981	47,353,631	809,677,980	664,745,818	1,521,777,429	12
55,819	221,603,672	10,491,125	341,712,618	391,462,476	743,666,219	13
31,867	126,601,173	4,377,394	194,207,815	234,848,030	433,433,239	14
82,148	350,931,580	14,720,647	1,002,047,501	626,780,198	1,643,548,346	15
60,006	237,213,483	7,561,697	388,335,671	448,044,323	843,941,691	16
19,453	75,801,073	24,030,891	102,068,193	169,657,265	295,756,349	17
5,928	30,979,707	15,731,250	235,979,113	126,678,411	378,388,774 ³	18
26,579	119,894,522	24,897,234	291,386,245	341,230,036	657,513,515	19
25,001	82,657,951	3,144,558	118,487,632	152,765,093	274,397,283	20
642,481	2,425,331,675	236,705,609	5,781,130,876	5,002,690,629	11,020,527,114	21
78,486	274,465,945	29,615,255	1,194,995,909	679,956,222	1,895,852,980	22
2,690	8,693,107	343,163	107,811,261	21,546,173	129,380,016	23
14,170	57,439,022	3,899,522	105,123,934	145,210,583	253,352,351	24
13,118	37,790,674	1,445,218	64,008,505	57,803,493	123,639,575	25
24,509	78,908,157	6,474,733	150,286,124	136,891,676	297,064,022	26
8,710	21,840,080	841,333	37,991,031	36,631,865	74,282,536	27
22,973	62,056,125	882,303	95,110,903	99,148,480	195,653,739	28
17,160	49,858,565	3,008,865	98,407,249	81,187,396	182,047,202	29
15,508	50,173,607	1,780,913	73,396,954	81,036,869	156,716,256	30
36,096	156,564,093	33,706,203	356,632,938	330,416,686	717,918,693	31
35,602	149,928,261	3,037,989	128,731,351	253,181,319	394,330,291	32
46,958	222,781,190	36,885,953	630,238,996	541,914,181	1,211,975,141	33
52,785	217,227,350	10,014,799	336,374,199	391,760,195	737,470,607	34
30,202	131,029,228	4,703,197	199,114,179	218,231,481	419,506,761	35
72,693	336,174,245	13,574,815	897,655,450	580,382,301	1,510,172,912	36
54,830	231,462,512	7,058,248	375,614,102	403,829,519	787,282,618	37
19,968	82,611,868	25,402,522	104,811,051	185,121,023	311,589,208	38
6,814	37,472,721	17,220,765	263,131,465	121,010,876	406,726,641 ³	39
27,072	118,252,686	29,236,057	314,967,939	369,021,294	709,594,805	40
25,495	88,880,722	3,066,140	132,796,933	162,774,652	295,913,771	41
605,839	2,413,610,158	232,197,993	5,667,200,473	4,907,056,284	10,810,470,125	42

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

No.	Industrial group	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1959								
1	Food and beverage industries	3,026	11,657	5,388	80,909,492	46,303	15,935	211,151,672
2	Tobacco products industries	17	333	73	2,534,808	1,283	1,206	6,686,436
3	Rubber industries	47	2,903	1,144	20,029,753	9,409	1,829	46,461,147
4	Leather industries	219	1,072	609	8,481,144	6,592	5,071	30,723,715
5	Textile industries	369	3,475	1,510	24,432,411	11,936	7,180	57,476,353
6	Knitting mills	122	508	515	4,932,472	2,063	5,685	17,567,032
7	Clothing industries	643	2,107	1,555	16,214,398	6,014	13,351	48,648,486
8	Wood industries	1,374	2,695	527	12,263,796	12,847	1,122	40,722,934
9	Furniture and fixture industries	761	2,142	875	13,926,957	11,432	1,460	40,350,569
10	Paper and allied industries	254	5,251	2,168	44,308,048	24,947	4,184	118,568,179
11	Printing, publishing and allied industries ..	1,399	8,116	5,449	63,744,482	17,982	4,980	96,703,376
12	Primary metal industries	205	7,165	1,974	55,488,358	44,925	597	217,706,223
13	Metal fabricating industries (except machin- ery and transportation equipment indus- tries)	1,293	10,387	3,975	72,949,104	36,762	3,935	163,655,842
14	Machinery industries (except electrical machinery)	314	7,356	2,567	51,462,992	23,089	1,091	104,243,028
15	Transportation equipment industries	264	12,877	3,542	100,125,095	43,612	2,637	211,072,692
16	Electrical products industries	336	13,163	4,642	94,128,721	25,724	10,562	136,353,979
17	Non-metallic mineral products industries	515	3,547	1,111	24,269,904	15,238	1,093	65,761,289
18	Petroleum and coal products industries	25	2,486	897	21,614,151	2,448	29	13,242,776
19	Chemical and chemical products industries ..	547	6,628	3,568	53,607,748	13,886	3,085	69,534,701
20	Miscellaneous manufacturing industries	920	4,896	2,586	36,658,406	12,226	7,291	61,391,233
21	Totals, 1959	12,650	108,764	44,675	802,082,240	368,718	92,323	1,758,021,662
1960								
22	Food and beverage industries	3,132	12,057	5,582	85,324,307	47,466	16,532	221,201,930
23	Tobacco products industries	17	352	81	2,323,791	1,278	1,132	7,081,374
24	Rubber industries	47	2,693	1,112	20,040,991	8,713	1,666	42,884,369
25	Leather industries	218	1,094	601	8,752,369	6,170	5,093	30,648,405
26	Textile industries	391	3,012	1,410	22,622,166	11,017	6,591	55,175,549
27	Knitting mills	132	486	513	5,193,147	1,982	5,205	16,892,921
28	Clothing industries	639	2,096	1,439	16,769,166	5,809	13,083	47,121,394
29	Wood industries	1,361	2,524	539	12,106,778	12,009	1,018	38,299,412
30	Furniture and fixture industries	828	2,227	890	14,315,751	11,434	1,437	41,205,529
31	Paper and allied industries	260	5,341	2,206	45,680,193	24,848	4,115	125,234,302
32	Printing, publishing and allied industries ..	1,468	8,602	5,647	70,307,975	17,899	4,950	99,468,305
33	Primary metal industries	205	7,600	2,043	59,472,508	43,590	605	214,942,611
34	Metal fabricating industries (except machin- ery and transportation equipment indus- tries)	1,459	10,459	4,052	77,467,537	37,090	3,894	169,407,509
35	Machinery industries (except electrical machinery)	324	7,626	2,564	55,719,747	20,595	1,034	93,770,832
36	Transportation equipment industries	280	12,430	3,379	94,628,221	40,341	2,455	199,226,402
37	Electrical products industries	355	12,973	4,592	97,043,198	23,883	9,309	128,984,855
38	Non-metallic mineral products industries	549	3,632	1,131	25,158,823	14,475	1,057	63,380,145
39	Petroleum and coal products industries	26	2,433	853	21,606,794	2,360	28	13,099,915
40	Chemical and chemical products industries ..	562	7,134	3,708	59,117,109	14,603	2,995	75,462,821
41	Miscellaneous manufacturing industries	1,134	5,403	2,710	41,209,396	12,967	7,513	67,328,006
42	Totals, 1960	13,387	110,174	45,052	834,859,967	358,529	89,712	1,750,816,586

¹ See footnote 3, Table 3.² See footnote 3, Table 2.

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			
79,283	292,061,164	30,036,520	1,218,040,845	728,287,335	1,978,356,361	1
1,895	9,221,244	365,194	113,355,170	25,337,181	138,693,353	2
15,285	66,490,900	4,220,635	133,613,414	154,596,027	285,983,867	3
13,344	39,204,859	1,422,209	74,018,154	62,919,201	135,475,658	4
24,101	81,908,764	6,616,171	163,372,091	157,555,185	328,610,437	5
2,771	22,499,504	847,144	40,042,405	39,338,647	79,101,404	6
22,027	64,862,884	859,940	96,358,172	101,509,936	196,764,459	7
17,191	52,986,730	3,068,179	105,183,732	89,726,779	197,202,853	8
15,909	54,277,526	1,797,098	80,631,966	85,396,477	166,550,087	9
38,550	162,876,227	34,024,348	371,418,563	340,594,398	742,675,495	10
35,527	160,447,858	3,116,887	139,778,604	286,039,088	426,015,045	11
34,601	272,194,551	47,429,254	833,054,283	686,384,964	1,560,713,263	12
55,059	259,604,946	10,809,401	374,466,101	416,615,398	792,313,009	13
34,103	155,706,020	5,383,599	237,113,474	259,432,718	479,599,496	14
21,668	311,197,787	13,229,983	884,197,027	618,100,854	1,487,876,992	15
54,091	230,482,700	7,925,744	393,027,492	437,402,859	815,472,309	16
20,989	90,031,193	25,725,394	115,803,255	198,319,477	338,369,445	17
5,860	34,856,927	19,104,835	289,595,089	63,926,202	371,277,277 ³	18
27,167	123,142,449	30,924,016	335,356,311	387,961,036	751,770,868	19
26,999	98,049,639	3,294,436	144,655,469	183,278,990	326,943,976	20
614,480	2,560,103,902	250,201,070	6,143,081,517	5,322,722,752	11,599,765,654	21
81,637	306,526,237	31,008,806	1,271,921,362	766,024,720	2,060,451,197	22
2,843	9,405,165	419,295	114,997,563	30,512,523	146,018,787	23
14,184	62,925,360	3,990,776	121,802,358	132,856,133	256,110,750	24
12,958	39,400,774	1,410,109	65,859,382	59,559,124	126,969,659	25
22,030	77,797,715	6,295,887	164,078,112	153,838,796	322,523,392	26
8,186	22,086,068	742,178	39,097,188	38,045,936	77,829,962	27
22,427	63,890,560	864,819	95,512,596	101,432,188	195,707,399	28
16,090	50,406,190	2,934,357	95,789,489	84,821,974	181,941,219	29
15,988	55,521,280	1,850,252	79,553,053	87,477,826	168,921,168	30
36,510	170,914,495	35,283,867	384,495,452	353,646,246	772,010,467	31
37,098	169,776,280	3,253,987	148,205,105	302,609,162	453,400,878	32
53,838	274,415,119	47,848,830	820,015,213	659,481,675	1,524,987,637	33
55,495	246,875,046	11,543,002	374,465,214	440,556,961	825,721,964	34
31,819	149,490,579	4,964,746	227,780,315	242,772,654	481,960,914	35
55,605	293,854,623	13,031,794	866,630,224	568,269,146	1,460,910,558	36
50,757	226,028,053	8,054,081	365,979,162	416,915,276	791,200,450	37
20,295	88,538,968	23,498,966	113,111,969	190,361,239	325,535,212	38
5,674	34,706,709	16,992,590	275,683,851	76,687,939	368,861,252 ³	39
28,440	134,579,930	34,870,188	345,171,400	424,756,001	798,813,404	40
28,593	108,537,402	3,408,314	155,878,269	189,058,382	345,799,383	41
603,467	2,585,676,553	252,266,844	6,126,027,277	5,319,683,901	11,685,675,652	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.

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:								
Slaughtering and meat processors:								
1	Slaughtering and meat packing plants	73	1,454	600	11,196,305	5,942	1,702	32,303,037
2	Animal oils and fats plants	10	48	12	357,026	187	—	670,785
3	Sausage and sausage casing manufacturers	41	184	46	1,031,962	443	196	2,133,152
4	Poultry processors ¹	94	196	57	1,210,705	850	604	3,388,115
Dairy products industries:								
Dairy factories:								
5	Butter and cheese plants	307	537	246	2,764,564	1,748	174	5,727,752
6	Pasteurizing plants	400	1,205	668	8,057,150	8,137	268	33,661,593
7	Condenseries	13	112	46	739,445	563	54	2,279,082
8	Ice cream manufacturers	19	114	58	886,819	492	114	2,238,424
9	Process cheese manufacturers	7	36	17	229,865	92	117	589,201
Fruit and vegetable canners and preservers:								
10	Fruit and vegetable canners and preservers	158	1,453	796	10,701,753	4,196	3,881	21,677,547
Grain mills:								
11	Feed manufacturers	697	977	250	4,204,204	2,450	79	7,818,865
12	Flour mills	32	330	169	2,514,508	1,096	39	4,594,707
13	Breakfast cereal manufacturers	9	164	103	1,520,417	714	338	4,362,915
Bakery products industries:								
14	Biscuit manufacturers	15	219	121	1,597,529	707	1,297	5,789,545
15	Bakeries	843	1,499	478	7,319,580	10,049	3,198	42,918,825
Other food processors:								
16	Confectionery manufacturers	90	384	418	3,594,626	1,864	2,488	12,124,386
17	Vegetable oil mills	4	78	20	634,486	203	—	914,508
Miscellaneous food industries:								
18	Macaroni manufacturers	8	25	12	249,572	149	141	757,725
19	Sugar refineries	3	1,155	659	10,652,328	2,659	1,191	13,223,264
20	Miscellaneous food manufacturers	110						
Beverage manufacturers:								
21	Soft Drink manufacturers	160	796	358	5,756,327	1,654	82	5,825,164
22	Distilleries	10	354	176	2,795,172	1,133	520	7,433,891
23	Breweries	18	652	226	6,277,734	1,845	12	9,580,992
24	Wineries	11	85	46	1,032,230	293	37	1,188,455
25	Totals	3,132	12,057	5,582	85,324,307	47,466	16,532	221,201,930
2. Tobacco products industries:								
26	Leaf tobacco processing	10	185	27	1,343,564	871	595	3,539,881
27	Tobacco products manufacturers	7	167	54	980,227	407	537	3,541,493
28	Totals	17	352	81	2,323,791	1,278	1,132	7,081,374
3. Rubber industries:								
29	Rubber footwear manufacturers	2	2,693	1,112	20,040,991	8,713	1,666	42,884,369
30	Rubber tire and tube manufacturers	8						
31	Miscellaneous rubber goods, n.e.s.	37						
32	Totals	47	2,693	1,112	20,040,991	8,713	1,666	42,884,369
4. Leather industries:								
33	Leather tanneries	24	255	89	2,062,267	2,095	207	8,010,826
34	Shoe factories	87	609	370	4,813,505	3,196	3,798	17,722,967
35	Leather glove factories	17	20	17	180,257	110	156	638,405
Luggage, handbag and small leather goods manufacturers:								
36	Leather belting manufacturers	6	7	7	52,880	28	2	113,272
37	Boot and shoe findings manufacturers	12	30	16	207,050	136	96	599,048
38	Miscellaneous leather products manufacturers	72	173	102	1,436,410	605	834	3,563,887
39	Totals	218	1,094	601	8,752,369	6,170	5,093	30,648,405

¹ See footnote 1, Table 2.² See footnote 3, 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			
9,698	43,499,342	2,718,130	318,731,975	77,020,633	396,066,339	1
247	1,027,811	241,231	1,562,421	1,954,018	3,774,123	2
869	3,165,114	261,783	10,685,159	7,683,699	18,355,287	3
1,707	4,598,820	470,190	39,387,066	8,104,716	47,844,897	4
2,705	8,492,316	2,199,117	81,590,279	15,489,254	99,184,173	5
10,278	41,718,743	4,251,753	106,122,727	62,412,769	172,935,581	6
775	3,018,527	808,575	30,552,328	10,255,136	41,905,042	7
778	3,125,243	387,589	10,169,572	6,126,173	16,508,359	8
262	819,066	58,674	5,449,205	2,083,039	7,692,363	9
10,326	32,379,300	2,427,689	124,550,485	84,374,438	209,991,765	10
3,756	12,023,069	2,250,474	95,409,302	30,587,122	128,419,780	11
1,634	7,109,215	718,259	68,514,631	19,968,590	89,130,354	12
1,319	5,883,332	493,006	14,142,373	22,630,999	37,134,051	13
2,344	7,387,074	409,682	17,394,725	19,656,200	37,508,583	14
15,224	50,238,405	4,548,177	68,977,605	78,136,022	151,610,289	15
5,154	15,719,012	834,673	40,624,718	41,727,610	83,237,419	16
301	1,548,994	764,685	40,567,519	7,069,572	48,463,237	17
327	1,007,297	87,970	3,987,284	3,262,339	7,277,795	18
5,664	23,875,592	3,134,378	115,749,287	73,928,378	191,124,022	19
						20
2,890	11,581,491	1,411,019	16,881,897	35,905,733	54,338,690	21
2,183	10,229,063	1,137,683	32,232,864	68,029,500	96,712,907	22
2,735	15,858,726	1,233,835	23,190,140	81,276,980	106,201,961	23
461	2,220,685	160,234	7,447,800	8,141,800	15,034,160	24
61,637	306,526,237	31,008,806	1,271,921,362	766,024,720	2,060,451,197	25
1,678	4,883,445	265,089	100,474,361	11,051,485	111,790,935 ²	26
1,165	4,521,720	154,206	14,523,202	19,461,038	34,227,852	27
2,843	9,405,165	419,295	114,997,563	30,512,523	146,018,787	28
14,184	62,925,360	3,990,776	121,802,358	132,856,133	256,110,750	29
						30
14,184	62,925,360	3,990,776	121,802,358	132,856,133	256,110,750	31
						32
2,646	10,073,093	901,545	25,117,109	14,690,109	41,004,840	33
7,973	22,536,472	328,702	30,426,451	33,889,361	64,532,251	34
303	618,662	19,862	1,108,378	1,212,386	2,267,379	35
44	166,152	13,460	188,500	308,236	488,899	36
278	806,098	44,111	1,873,370	1,243,212	3,098,365	37
1,714	5,000,297	102,429	7,145,574	8,215,820	15,577,925	38
12,958	39,400,774	1,410,109	65,859,382	59,559,124	126,969,859	39

¹ 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	19	310	190	2,322,295	2,057	1,419	9,971,357
Woolen mills:								
2	Wool yarn mills	16	154	125	1,308,581	632	1,020	4,609,835
3	Wool cloth mills	21	228	108	1,636,884	1,368	839	6,173,605
Synthetic textile mills:								
4	Synthetic textile mills	15	925	280	6,534,152	3,195	668	15,377,357
Other primary textile mills:								
5	Fibre perparing mills	19	81	28	682,551	395	75	1,563,272
6	Thread mills	4	19	9	151,588	31	52	216,558
7	Cordage and twine, industry	7	86	46	757,682	483	165	2,171,552
8	Narrow fabric mills	15	32	25	286,531	100	258	854,619
9	Pressed and punched felt mills	7	58	35	525,195	285	21	1,025,005
10	Carpet mat and rug industry	11	219	83	1,575,089	760	307	3,369,667
11	Textile dyeing and finishing plants	18	45	23	420,812	276	71	1,036,094
12	Linoleum and coated fabrics industry	6	280	113	2,104,681	397	44	1,805,946
Other textile industries:								
13	Canvas products industry	72	147	67	802,193	326	320	1,585,297
14	Cotton and jute bag industry	10	20	11	194,641	66	117	447,349
Miscellaneous textile industries:								
15	Automobile fabric accessory manufacturers	17	94	34	694,700	164	271	1,347,547
16	Embroidery pleating, hemstitching manufacturers	41	55	28	407,971	76	178	601,017
17	Miscellaneous textiles, n.e.s.	93	259	205	2,216,620	406	766	3,019,474
18	Totals	391	3,012	1,410	22,622,166	11,017	6,591	55,175,549
6. Knitting mills:								
19	Hosiery mills	47	198	192	1,933,701	860	1,717	6,222,449
20	Knitting mills (other than hosiery)	85	288	321	3,259,446	1,122	3,488	10,670,472
21	Totals	132	486	513	5,193,147	1,982	5,205	16,892,921
7. Clothing industries:								
Men's clothing industry:								
22	Men's clothing factories	139	971	675	6,984,993	2,476	5,295	19,008,396
23	Men's clothing contractors	14	24	3	98,419	74	124	503,823
Women's clothing industry:								
24	Women's clothing factories	184	445	365	4,562,230	1,550	3,922	13,862,412
25	Women's clothing contractors	14	14	2	44,919	28	145	339,285
26	Children's clothing industry	38	80	79	746,380	181	1,306	3,083,108
27	Fur goods industry	161	279	80	1,676,712	629	322	3,399,392
28	Hat and cap industry	51	155	78	1,116,320	635	645	3,289,146
29	Foundation garment industry	17	87	130	1,218,743	147	1,003	2,682,802
Other clothing industries:								
30	Fabric glove manufacturers	4	13	7	92,231	26	140	365,534
31	Miscellaneous clothing, n.e.s.	17	28	20	228,219	63	181	587,496
32	Totals	639	2,096	1,439	16,769,166	5,809	13,083	47,121,394
8. Wood industries:								
Sawmills:								
33	Sawmills including shingle mills	756	994	82	2,973,871	3,729	36	10,425,270
34	Veneer and plywood mills	25	177	50	1,142,072	1,346	445	5,243,395
Sash and door and planing mills:								
35	Sash and door and planing mills (excluding hardwood flooring)	391	779	197	4,242,204	3,209	95	10,438,212
36	Hardwood flooring	10	85	23	531,835	460	11	1,269,668
37	Wooden box factories	70	184	49	1,126,320	1,247	228	4,145,783
38	Coffin and casket industry	20	56	33	422,785	418	59	1,429,358

* See footnote 3, 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 ¹	Selling value of factory shipments	No.
number			dollars			
3,976	12,293,652	928,189	27,271,452	22,077,078	48,619,850	1
1,931	5,918,416	343,494	12,667,646	9,611,341	22,232,124	2
2,543	7,810,489	563,625	13,257,243	12,775,995	26,662,307	3
5,088	21,911,509	2,857,883	45,102,099	60,999,789	108,464,605	4
579	2,245,823	171,108	5,833,642	4,030,501	9,928,491	5
111	368,144	33,817	1,039,766	867,065	1,921,191	6
780	2,929,234	168,024	7,963,393	5,294,065	13,847,133	7
415	1,141,150	35,588	1,406,120	2,099,491	3,481,022	8
399	1,550,200	119,717	2,959,285	2,789,401	5,917,838	9
1,369	4,944,756	321,280	9,178,127	7,941,789	17,611,102	10
415	1,456,906	153,869	1,403,858	2,479,074	4,021,155	11
834	3,910,627	200,480	7,259,891	3,899,152	11,214,406	12
860	2,387,490	86,510	4,871,829	4,076,368	8,772,309	13
214	641,990	30,734	3,976,222	1,027,427	5,046,691	14
563	2,042,247	70,237	6,040,354	2,996,910	9,332,863	15
337	1,006,986	21,720	472,072	1,519,856	2,005,283	16
1,636	5,236,094	189,612	13,375,113	9,353,494	23,445,022	17
22,030	77,797,715	6,295,887	164,078,112	153,838,796	322,523,392	18
2,967	8,156,150	259,397	10,931,439	13,938,491	25,507,349	19
5,219	13,929,918	482,781	28,165,749	24,107,445	52,322,613	20
8,186	22,086,068	742,178	39,097,188	38,045,936	77,829,962	21
9,417	25,993,389	298,453	38,018,925	38,264,899	75,348,469	22
225	602,242	9,727	108,619	758,256	877,076	23
6,282	18,424,642	183,760	27,327,014	31,088,695	58,342,341	24
189	384,204	5,335	40,062	490,851	542,440	25
1,646	3,829,488	49,521	6,786,424	5,502,674	12,100,969	26
1,310	5,076,104	116,772	10,164,254	7,949,598	18,007,292	27
1,513	4,405,466	112,753	5,179,925	6,402,111	11,804,856	28
1,367	3,901,545	62,091	5,938,458	8,899,742	14,698,699	29
186	457,765	8,882	633,061	780,427	1,392,211	30
292	815,715	17,525	1,315,856	1,294,935	2,593,046	31
22,427	63,890,560	864,819	95,512,596	101,432,188	195,707,399	32
4,841	13,399,141	862,481	31,349,653	23,639,745	55,851,879 ²	33
2,018	6,385,467	289,886	11,699,061	11,933,276	23,210,158	34
4,280	14,680,416	1,005,978	30,151,283	23,398,412	54,928,846	35
579	1,801,503	93,144	3,536,510	2,252,790	5,714,586	36
1,708	5,272,103	194,966	6,674,773	8,056,648	14,903,102	37
566	1,852,143	66,840	1,652,335	2,819,003	4,702,216	38

¹ 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		\$
	8. Wood industries - Concluded:							
	Miscellaneous wood industries:							
1	Wood handles and turning	17	58	22	391,943	455	48	1,403,323
2	Woodenware	8	24	14	165,224	120	27	319,090
3	Cooperage	5	36	27	312,228	216	—	690,672
4	Miscellaneous wood industries, n.e.s. (including wood preservation)	59	131	42	798,296	809	69	2,934,641
5	Totals	1,361	2,524	539	12,106,778	12,006	1,018	38,299,412
	9. Furniture and fixture industries:							
6	Household furniture industry	622	1,341	475	8,198,925	7,221	787	24,866,811
7	Office furniture industry	26	271	136	1,862,650	1,487	71	5,258,070
8	Other furniture industries	157	559	227	3,790,666	2,498	373	10,046,477
9	Electric lamp and shade industry	23	56	52	463,510	228	196	1,034,171
10	Totals	828	2,227	890	14,315,751	11,434	1,437	41,205,529
	10. Paper and allied industries:							
11	Pulp and paper mills	40	2,793	910	25,720,934	16,279	336	80,514,329
12	Asphalt roofing manufacturers	4	57	12	337,440	258	18	1,135,212
	Paper box and bag manufacturers:							
13	Folding box and set-up box manufacturers	73	594	299	4,596,760	2,431	1,415	13,054,916
14	Corrugated box manufacturers	18	577	209	3,882,825	1,907	407	9,065,886
15	Paper bag manufacturers	21	176	106	1,326,245	497	380	2,666,536
16	Miscellaneous paper converters	104	1,144	670	9,815,989	3,476	1,559	18,797,423
17	Totals	260	5,341	2,206	45,680,193	24,848	4,115	125,234,302
	11. Printing, publishing and allied industries:							
	Commercial printing:							
18	Printing and bookbinding	749	2,121	1,212	16,300,265	6,390	2,522	34,344,637
19	Lithographing	138	819	574	7,534,770	3,036	1,272	17,547,706
	Engraving, stereotyping and allied industries:							
20	Engraving and duplicate plates	80	436	212	4,214,506	1,653	333	10,450,469
21	Trade composition or typesetting	26	105	36	968,438	546	7	2,863,538
22	Publishing only	187	854	868	6,758,913	—	—	—
23	Printing and publishing	288	4,267	2,745	34,531,083	6,274	816	34,261,955
24	Totals	1,468	8,602	5,647	70,307,975	17,899	4,950	90,468,305
	12. Primary metal industries:							
25	Iron and steel mills	18	3,613	1,109	30,893,564	21,672	177	115,378,627
26	Steel pipe and tube mills	8	372	87	2,576,567	1,867	12	9,795,350
27	Iron foundries	64	623	202	4,525,547	4,832	119	19,790,663
28	Smelting and refining	9	1,515	200	11,075,657	9,659	3	45,378,263
29	Aluminum rolling, casting and extruding	24	672	222	4,624,369	2,722	89	11,836,259
30	Copper and alloy rolling, casting and extruding	36	280	95	2,273,236	1,682	11	7,956,041
31	Metal rolling, casting and extruding, n.e.s.	46	525	128	3,501,568	1,156	194	4,807,408
32	Totals	205	7,600	2,043	59,472,508	43,590	605	214,842,611
	13. Metal fabricating industries (except machinery and trans- portation equipment industries):							
33	Boiler and plate works	34	537	196	3,795,895	1,703	9	7,567,013
34	Fabricated structural metal industry	33	1,231	325	8,386,743	4,785	8	22,731,002
35	Ornamental and architectural metal industry	211	1,142	363	7,597,315	3,433	172	13,803,784
36	Metal stamping, pressing and coating industry	268	2,024	901	17,307,145	7,785	1,311	38,137,133
37	Wire and wire products manufacturers	116	1,329	537	10,067,777	4,838	604	23,609,459
38	Hardware, tool and cutlery manufacturers	227	1,034	543	8,631,148	4,200	706	18,901,056
39	Heating equipment manufacturers	67	846	328	5,933,019	2,206	58	8,853,117
40	Machine shops	309	616	179	3,367,234	2,029	74	7,680,242
41	Miscellaneous metal fabricating industries	194	1,700	660	12,381,261	6,111	954	27,924,703
42	Totals	1,459	10,469	4,052	77,467,537	37,090	3,694	169,407,509

* See footnote 3, 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			
583	1,795,266	75,186	1,587,580	2,436,822	4,031,546	1
185	484,314	28,232	609,056	700,999	1,292,653	2
279	1,002,900	88,206	2,444,360	1,085,779	3,634,689	3
1,051	3,732,937	229,438	5,884,878	8,498,500	13,673,544	4
16,090	50,406,190	2,934,357	95,789,489	84,821,974	181,941,219	5
9,834	33,065,736	1,001,259	46,213,294	48,925,415	95,729,517	6
1,965	7,120,720	335,210	6,947,912	11,520,362	19,214,164	7
3,657	13,837,143	465,832	23,603,609	24,201,922	48,301,436	8
532	1,497,681	47,951	2,788,238	2,830,127	5,676,051	9
15,988	55,521,280	1,850,252	79,553,053	87,477,826	168,921,168	10
20,318	106,235,263	32,674,167	212,355,848	232,568,350	478,256,479	11
345	1,472,652	173,979	5,405,729	3,272,522	8,776,801	12
4,739	17,651,676	492,391	42,252,641	30,149,841	72,290,882	13
3,100	12,948,711	553,179	43,872,676	23,578,682	68,065,261	14
1,159	3,992,781	153,155	13,584,903	9,062,830	22,757,692	15
6,849	28,613,412	1,236,996	67,023,655	55,014,021	121,863,352	16
36,510	170,914,495	35,283,867	384,495,452	353,646,246	772,010,467	17
12,245	50,644,902	1,118,438	50,955,766	89,526,658	140,922,131	18
5,701	25,082,476	478,241	34,006,889	40,955,259	75,710,495	19
2,634	14,664,975	258,517	5,941,921	21,836,995	27,974,114	20
694	3,831,976	36,889	344,779	5,282,742	5,648,492	21
1,722	6,758,913	—	11,758,083	17,953,706	29,735,675	22
14,102	68,793,038	1,361,902	45,197,667	127,053,802	173,409,971	23
37,098	169,776,280	3,253,987	148,205,105	302,609,162	453,400,878	24
26,571	146,272,191	20,704,858	278,073,216	301,405,888	595,124,933	25
2,338	12,373,917	1,683,292	53,745,769	23,482,449	79,676,060	26
5,776	24,316,210	1,613,336	26,316,558	35,888,223	63,015,382	27
11,377	56,453,920	20,654,948	353,517,280	248,432,649	622,604,877 ⁷	28
3,705	16,460,628	1,370,612	33,771,871	19,473,418	57,269,036	29
2,068	10,229,277	892,438	46,239,542	17,136,703	64,175,309	30
2,003	8,308,976	929,346	28,350,977	13,662,345	43,122,040	31
53,838	274,415,119	47,848,830	820,015,213	659,481,675	1,524,987,637	32
2,445	11,362,908	389,768	14,141,831	19,902,142	35,608,883	33
6,347	31,117,745	1,075,908	50,776,276	53,025,158	104,722,373 ⁷	34
5,110	21,401,099	875,753	34,186,431	38,681,223	74,326,397	35
12,021	55,444,278	2,756,732	96,026,405	100,389,759	199,219,538	36
7,308	33,677,236	1,713,838	69,691,049	57,410,090	127,618,601	37
6,483	27,532,204	1,077,558	22,826,037	48,991,355	73,030,351	38
3,438	14,786,136	638,158	24,277,993	29,409,284	54,469,918	39
2,898	11,247,476	486,162	7,304,173	18,681,323	26,425,882	40
9,445	40,305,964	2,529,125	55,235,019	74,066,627	130,300,021	41
55,495	246,875,046	11,543,002	374,465,214	440,556,961	825,721,964	42

⁷ 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		\$
14. Machinery industries (except electrical machinery):								
1	Agricultural implement industry	27	2,317	543	16,569,865	7,048	52	32,761,580
2	Miscellaneous machinery and equipment manufacturers	261	4,497	1,621	32,325,987	10,888	572	47,930,365
3	Commercial refrigeration and air conditioning equip- ment manufacturers	20	276	95	1,981,800	899	16	3,505,910
4	Office and store machinery manufacturers	16	536	305	4,842,095	1,760	394	9,572,977
5	Totals	324	7,626	2,564	55,719,747	20,595	1,034	93,770,832
15. Transportation equipment industries:								
6	Aircraft and parts manufacturers	36	2,605	762	18,589,060	4,893	136	21,615,843
7	Motor vehicle manufacturers	11	5,642	1,336	44,962,678	19,378	332	100,617,841
8	Truck body and trailer manufacturers	48	530	169	3,602,015	1,825	12	6,779,405
9	Motor vehicle parts and accessories manufacturers	89	2,541	858	19,955,103	9,464	1,867	51,112,449
10	Railroad rolling stock industry	11	663	135	5,140,293	2,203	19	9,253,972
11	Shipbuilding and repair	12	259	61	1,455,086	1,866	4	7,441,001
12	Boat building and repair	68	157	35	628,769	551	11	1,662,098
13	Miscellaneous vehicle manufacturers	5	33	23	295,217	161	74	743,793
14	Totals	280	12,430	3,379	94,628,221	40,341	2,455	199,226,402
16. Electrical products industries:								
15	Manufacturers of small electrical appliances	49	484	248	3,950,140	1,387	898	8,237,322
16	Manufacturers of major appliances (electric and non- electric)	29	1,801	616	12,473,441	5,181	306	22,588,953
17	Manufacturers of household radio and television re- ceivers	12	1,187	526	8,523,623	1,134	1,103	7,243,658
18	Communications equipment manufacturers	94	2,501	865	18,871,733	3,111	3,627	22,557,602
19	Manufacturers of electrical industrial equipment	71	4,752	1,421	35,868,408	7,518	1,316	39,206,599
20	Battery manufacturers	11	330	122	2,495,206	710	268	3,936,011
21	Manufacturers of electric wire and cable	12	828	298	6,203,713	2,415	100	10,415,204
22	Manufacturers of misc. electrical products	77	1,090	496	8,656,934	2,427	1,691	14,799,506
23	Totals	355	12,973	4,592	97,043,198	23,883	9,309	128,984,855
17. Non-metallic mineral products industries:								
24	Cement manufacturers	6	206	34	1,634,985	896	3	4,384,508
25	Lime manufacturers	10	53	9	278,396	385	—	1,694,620
26	Concrete products manufacturers	254	896	190	5,470,636	3,198	16	11,657,068
27	Ready-mix concrete manufacturers	54	333	76	1,987,259	1,055	13	4,680,028
28	Clay products manufacturers:							
29	Clay products (from domestic clays)	62	247	61	1,620,810	1,585	39	5,801,671
30	Clay products (from imported clays)	12	151	49	1,177,372	648	182	3,312,081
31	Refractories manufacturers	10	55	13	387,395	154	—	680,315
32	Stone products manufacturers	42	90	15	534,230	314	4	1,128,279
33	Mineral wool manufacturers	7	220	70	1,545,514	556	—	2,537,666
34	Asbestos products manufacturers	8	135	53	881,496	580	16	2,750,936
35	Glass and glass products manufacturers:							
36	Glass manufacturers	4	293	109	1,766,870	2,048	485	10,161,458
37	Glass products manufacturers	50	315	194	2,713,511	1,191	189	5,855,278
38	Abrasives manufacturers	14	376	160	3,257,133	1,450	102	7,049,181
39	Gypsum products manufacturers	2	262	98	1,903,216	415	8	1,687,056
40	Misc. non-metallic mineral products, n.e.s.	14						
41	Totals	549	3,632	1,131	25,158,823	14,475	1,057	63,380,145
18. Petroleum and coal products industries:								
42	Petroleum refineries:							
43	Petroleum refining	7	2,286	790	20,488,807	2,015	28	11,550,284
44	Manufacturers of lubricating oils and greases	10	69	22	520,102	208	—	924,608
45	Miscellaneous petroleum and coal products, n.e.s.	9	78	41	597,885	137	—	625,023
46	Totals	26	2,433	853	21,606,794	2,360	28	13,099,915

* See footnote 3, 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			
9,960	49,331,445	1,774,272	71,353,131	54,267,527	137,429,407	1
17,578	80,256,352	2,747,061	113,244,362	143,230,744	256,321,562	2
1,286	5,487,710	232,829	7,863,447	10,851,813	18,537,730	3
2,995	14,415,072	210,584	35,319,375	34,422,570	69,672,215	4
31,819	149,490,579	4,964,746	227,780,315	242,772,654	481,960,914	5
8,396	40,204,903	1,395,964	49,330,049	58,552,937	110,138,374 ^a	6
26,688	145,580,519	5,946,398	608,974,444	330,019,595	952,330,161	7
2,536	10,381,420	374,441	20,117,304	18,766,848	39,996,087	8
14,730	71,067,552	4,137,646	148,611,432	123,889,726	278,936,947	9
3,020	14,394,265	711,670	25,088,770	17,191,889	44,753,355 ^a	10
2,190	8,896,087	319,817	10,125,774	15,842,224	26,273,868 ^a	11
754	2,290,867	102,712	3,098,788	2,636,276	5,755,848	12
291	1,039,010	43,146	1,283,663	1,369,651	2,725,918	13
58,605	293,854,623	13,031,794	866,630,224	568,269,146	1,460,910,558	14
3,017	12,187,462	433,221	22,885,192	27,658,848	51,641,492	15
7,904	35,062,394	2,137,339	81,180,687	87,484,656	152,880,780	16
3,950	15,767,281	348,618	45,148,372	31,224,848	76,458,326	17
10,104	41,429,335	707,327	46,473,456	70,147,147	113,765,260	18
15,007	75,075,007	2,323,922	72,684,057	133,137,159	209,116,607	19
1,430	6,431,217	308,691	15,328,241	11,368,811	27,844,376	20
3,641	18,618,917	922,231	44,573,531	28,376,131	74,864,694	21
5,704	23,456,440	872,732	37,705,626	47,517,876	84,626,915	22
50,757	226,028,053	8,054,081	365,979,162	416,915,276	791,200,450	23
1,139	6,019,493	5,819,852	3,028,082	22,931,468	31,804,660	24
447	1,973,016	1,799,207	540,273	5,588,385	7,914,200	25
4,300	17,127,704	2,129,481	20,554,515	33,034,957	55,896,126	26
1,477	8,667,287	1,107,126	22,943,495	14,987,914	39,039,836	27
1,932	7,422,481	3,205,116	524,080	16,628,761	20,191,325	28
1,030	4,489,453	521,731	4,078,143	8,663,315	13,063,121	29
222	1,067,710	326,630	2,757,058	3,153,846	6,132,502	30
423	1,662,509	111,303	2,096,742	2,840,135	5,059,069	31
846	4,083,180	991,622	4,855,141	9,670,535	15,121,510	32
784	3,632,432	385,841	4,726,700	7,169,496	12,585,240	33
2,935	11,928,328	2,077,120	8,755,808	18,596,287	29,275,820	34
1,889	8,568,789	629,652	15,581,113	20,183,251	36,098,694	35
2,088	10,306,314	3,824,025	16,103,324	20,023,982	39,448,935	36
783	3,590,272	570,260	6,567,495	6,888,927	13,926,174	37
20,295	88,538,968	23,498,966	113,111,969	190,361,239	325,535,212	38
5,119	32,039,091	16,740,378	257,021,648	68,248,858	341,831,405 ^a	40
299	1,444,710	95,310	13,998,603	3,791,040	17,494,894	41
256	1,222,908	156,904	4,663,600	4,648,041	9,534,953	42
5,674	34,706,709	16,992,590	275,683,851	76,687,939	368,861,252	43

^a 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.....	3	122	37	939,602	498	35	2,313,010
2	Manufacturers of mixed fertilizers.....	25	133	46	1,069,870	426	—	1,731,614
3	Manufacturers of plastics and synthetic resins.....	17	332	74	2,311,733	805	21	3,945,001
4	Manufacturers of pharmaceuticals and medicines.....	87	760	793	8,011,437	1,341	1,300	8,496,311
5	Paint and varnish manufacturers.....	73	813	428	6,216,387	1,608	94	6,964,688
6	Manufacturers of soap and cleaning compounds.....	67	973	488	7,926,666	1,515	360	8,856,089
7	Manufacturers of toilet preparations.....	49	278	366	3,176,605	360	722	2,654,119
8	Manufacturers of industrial chemicals.....	55	2,549	733	19,416,482	5,906	39	30,779,288
Other chemical industries:								
9	Manufacturers of printing inks.....	16	153	87	1,337,704	442	3	1,835,171
10	Miscellaneous chemical industries, n.e.s.....	170	1,021	656	8,710,623	1,702	421	7,887,530
11	Totals.....	562	7,134	3,708	59,117,109	14,603	2,993	75,462,821
20. Miscellaneous manufacturing industries:								
Scientific and professional equipment manufacturers:								
12	Instrument and related products manufacturers.....	58	1,746	680	13,017,856	2,145	999	12,885,102
13	Clock and watch manufacturers.....	16	117	91	1,107,830	250	387	2,115,205
14	Orthopedic and surgical appliance manufacturer.....	18	43	28	326,337	73	113	436,204
15	Ophthalmic goods manufacturers.....	22	202	67	1,212,101	326	210	1,508,830
16	Dental laboratories ¹¹	158	206	30	1,183,173	371	98	1,632,488
17	Jewellery and silverware manufacturers.....	111	432	300	3,469,493	1,252	733	6,747,373
18	Broom brush and mop industry.....	39	180	118	1,450,499	525	326	2,279,115
19	Venetian blind manufacturers.....	26	32	19	210,182	54	42	245,282
20	Plastic fabricators, n.e.s.....	127	539	246	4,175,176	1,619	1,132	7,959,781
Sporting goods and toy industry:								
21	Sporting goods industry.....	60	357	274	2,818,966	1,430	508	6,989,809
22	Toys and games industry.....	50	175	127	1,496,444	684	1,059	3,742,348
23	Signs and displays industry.....	187	433	138	2,823,980	1,312	126	5,327,689
Miscellaneous manufacturing industries, n.e.s.:								
24	Button, buckle and fastener industry.....	9	92	77	835,850	233	202	1,523,580
25	Hair goods manufacturers.....	7	13	9	116,527	43	23	185,780
26	Artificial flowers and feathers manufacturers.....	13	23	12	130,507	56	94	411,496
27	Model and pattern manufacturers.....	61	112	45	861,025	491	61	2,507,085
28	Musical instruments industry.....	18	90	67	825,296	521	281	2,915,578
29	Sound recording industry.....							
30	Typewriter supplies manufacturers.....							
31	Fountain pen and pencil manufacturers.....	6	55	40	526,054	168	96	806,904
32	Smokers' supplies manufacturers.....	9	126	91	1,166,626	98	303	982,650
33	Stamp and stencil (rubber and metal) manufacturers..	6	22	27	181,997	40	39	239,900
34	Statuary, art goods, regalia and novelty manufacturers	35	135	58	984,174	444	84	1,868,884
35	Artificial ice manufacturers.....	33	58	28	409,263	145	157	773,282
36	Candle manufacturers.....	22	27	11	147,989	115	—	394,276
37	Fur dressing and dyeing industry.....	2	21	6	189,791	136	39	488,652
38	Umbrella manufacturers.....	1						
39	Miscellaneous industries, n.e.s.....	38						
40	Totals.....	1,134	5,403	2,710	41,209,396	12,967	7,513	67,328,006
41	Grand totals, all industries.....	13,387	110,174	45,052	834,859,967	358,529	89,712	1,750,818,586

¹⁰ See footnote 3, Table 2.¹¹ See footnote 1, 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 ¹⁰	Selling value of factory shipments	No.
number			dollars			
692	3,252,612	380,015	5,242,004	9,211,551	14,889,723	1
605	2,801,484	333,543	18,452,382	7,563,495	26,193,365	2
1,232	6,256,734	2,004,409	28,500,499	14,560,814	44,436,406	3
4,194	16,507,748	510,104	23,850,864	64,280,011	67,586,778	4
2,943	13,181,075	618,806	41,499,286	39,347,505	81,379,086	5
3,336	16,782,755	1,247,800	49,621,041	72,650,135	124,388,734	6
1,726	5,830,724	176,114	14,340,251	25,741,182	40,407,737	7
9,227	50,195,770	28,032,075	108,247,606	135,264,993	266,889,593	8
685	3,172,875	120,956	5,316,101	6,378,108	11,654,783	9
3,800	16,598,153	1,446,366	50,101,366	49,758,207	100,987,199	10
28,440	134,579,930	34,870,188	345,171,400	424,756,001	795,813,404	11
5,570	25,902,958	629,778	35,159,994	45,452,665	80,667,754	12
845	3,223,035	47,517	5,905,113	7,003,207	12,576,177	13
257	762,541	19,300	670,112	1,093,080	1,781,219	14
805	2,720,931	64,110	1,754,395	2,319,102	4,130,185	15
705	2,815,661	37,126	1,116,620	4,059,211	5,212,721	16
2,717	10,216,866	275,757	23,216,129	16,919,922	39,932,626	17
1,149	3,729,614	90,678	4,636,519	7,663,041	12,562,179	18
147	455,464	26,222	693,884	676,292	1,415,911	19
3,536	12,134,957	600,755	24,939,333	21,064,489	46,277,644	20
2,569	9,808,775	311,345	14,210,736	16,932,720	31,075,059	21
2,045	5,238,792	187,648	9,423,918	9,185,140	18,617,852	22
2,009	8,151,669	308,442	7,566,676	13,197,218	21,067,309	23
604	2,359,430	60,726	2,489,351	4,222,955	6,097,557	24
88	302,307	24,096	241,565	471,075	743,851	25
185	542,003	9,716	522,252	989,950	1,601,761	26
709	3,368,110	73,098	1,459,474	6,116,415	7,564,795	27
959	3,740,874	133,602	4,384,533	9,553,474	14,151,159	28
359	1,332,958	46,594	3,153,412	2,477,089	5,595,425	29
618	2,149,478	56,472	3,412,588	4,407,818	8,132,438	30
128	421,897	16,743	872,283	995,768	1,942,200	31
721	2,853,058	83,932	1,884,155	3,846,147	5,799,215	32
388	1,182,565	34,891	1,322,324	1,747,184	3,088,413	33
153	542,265	141,104	97,885	790,091	1,029,278	34
202	678,443	17,644	282,243	1,083,167	1,360,279	35
1,125	3,902,751	111,018	6,462,775	6,791,162	13,376,376	36
28,593	108,537,402	3,408,314	155,876,269	189,058,382	345,799,383	37
603,467	2,565,676,553	252,266,844	6,126,027,277	5,319,683,901	11,685,675,652	38
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