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CANADA

# THE MANUFACTURING INDUSTRIES OF CANADA

## Section C

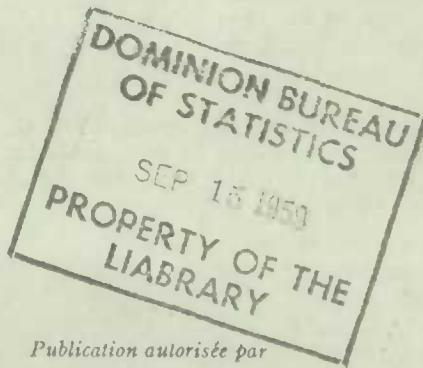
### PROVINCE OF QUEBEC

# LES INDUSTRIES MANUFACTURIÈRES DU CANADA

## Section C

### PROVINCE DE QUÉBEC

1957



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## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes as follows: **Volume I** — The Primary Industries, including mining, forestry and fishing; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries
- II — The Manufacturing Industries of Canada.  
(7 sections, see below:)
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part II. It is punched to permit of filing in a ring binder along with other reports of the group, the full list of which is as follows:

- Section A. Summary for Canada
- Section B. Atlantic Provinces
- Section C. Quebec
- Section D. Ontario
- Section E. Prairie Provinces
- Section F. British Columbia, including Yukon and North West Territories
- Section G. The Manufacturing Industries of Canada, Regional Distribution

*Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.*

## AVIS

Les rapports annuels préparés par la Division de l'industrie et du commerce du Bureau fédéral de la statistique sont répartis en trois volumes: **Volume I** — Industries primaires, y compris mines, forêts et pêche; **Volume II** — Manufactures; **Volume III** — Commerce et services. Les volumes contiennent plusieurs parties, qui sont, à leur tour, subdivisées selon les industries ou les provinces dont elles se composent.

Le Volume II contient les parties suivantes, dont les deux premières traitent des industries manufacturières dans l'ensemble et les autres, des principaux groupes d'industries manufacturières.

- I — Revue générale des industries manufacturières
- II — Industries manufacturières du Canada,  
(7 sections, voir ci-dessous:)
- III — Aliments et boissons
- IV — Tabac et produits du tabac
- V — Produits du caoutchouc
- VI — Produits du cuir
- VII — Fabriques de textiles
- VIII — Tricoteries
- IX — Vêtements
- X — Produits du bois et du papier
- XI — Métiers de l'imprimerie
- XII — Produits du fer et de l'acier
- XIII — Équipement de transport
- XIV — Produits des métaux non ferreux
- XV — Appareils et fournitures électriques
- XVI — Produits des non métalliques
- XVII — Produits du pétrole et du charbon
- XVIII — Produits chimiques et parachimiques
- XIX — Industries manufacturières diverses

Le présent rapport tombe dans la partie II. Il est perforé de façon qu'on puisse l'insérer dans un relieur à anneaux avec les autres rapports du groupe, dont voici la liste complète:

- Section A. Sommaire pour le Canada
- Section B. Provinces de l'Atlantique
- Section C. Province de Québec
- Section D. Province d'Ontario
- Section E. Provinces des Prairies
- Section F. Colombie-Britannique, y compris Yukon et Territoires du Nord-Ouest
- Section G. Les industries manufacturières du Canada, répartition régionale

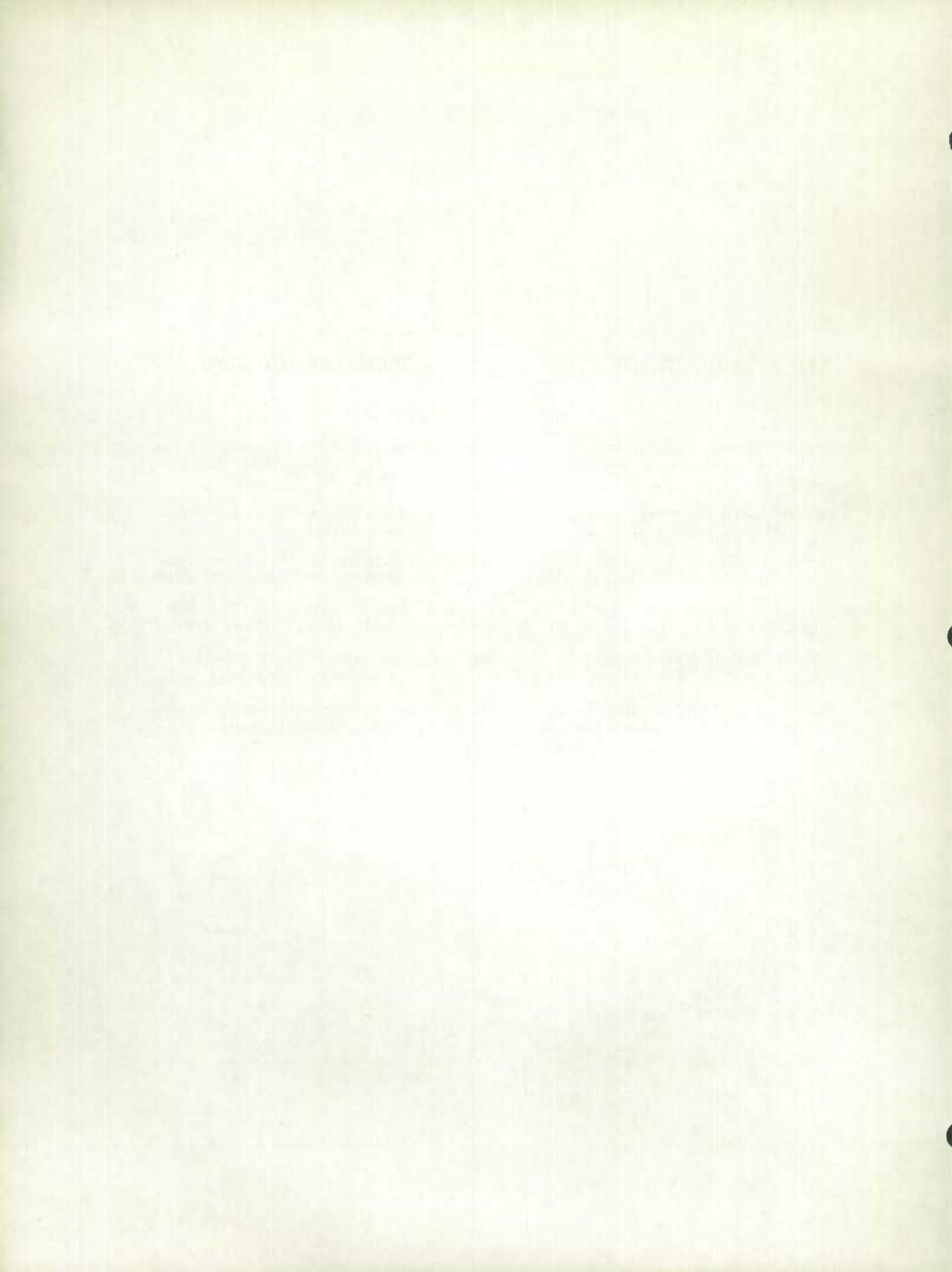
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# THE MANUFACTURING INDUSTRIES OF CANADA

Section C  
PROVINCE OF QUEBEC

## LES INDUSTRIES MANUFACTURIÈRES DU CANADA

Section C  
PROVINCE DE QUÉBEC

1957

Quebec with about 30 per cent of Canada's total selling value of factory shipments ranks as the second largest industrial province in Canada. The manufacturing industries of Quebec in 1957 shipped goods with a record selling value at the factory of \$6,679,595,056 and represents an increase of 0.9 p.c. over the previous year. Accompanying the increase in shipments was an increase of 0.7 p.c. in the number of persons employed which totalled 449,383. Although the value of factory shipments in 1957 was 24.0 p.c. higher than in 1953 the number of persons employed increased only by 1.8 p.c. This result conforms to the trend in recent years for employment to increase at a lower rate than volume of production. With the increase in automation and technological improvements this trend will in all probability continue at a more accelerated pace. Indicative of this trend is the increase since 1949 for Canada as a whole of 42.5 p.c. in the volume of production as compared with an increase of only 16.0 p.c. in the number of persons employed. Since indexes of volume of production are not available by provinces no comparison can be made for Quebec. There is no doubt, however, that the volume of production in Quebec in 1956 was the highest on record. In view of the drop of 1.8 p.c. in the volume of production in 1957 for Canada as a whole in spite of an increase of 0.4 p.c. in the number of employees, it is most likely that the volume of production in Quebec in 1957 was also slightly lower than in the previous year.

The recovery from the minor recession of 1954, which began in 1955, continued at an accelerated pace in 1956. This expansion in manufacturing production continued until the fall of 1957 when another downturn began. In spite of this slowing down in production the manufacturing industries of Quebec managed to record a small increase of 0.9 p.c. in employment and 0.7 p.c. in the selling value of factory shipments in 1957 as compared with the record highs reported the previous year. The non-durable goods industries which contribute 65 p.c. of the total manufacturing production of the province reported an increase in 1957 of 4.1 p.c. in the selling value of factory shipments and 0.6 p.c. in the number of persons employed. The durable goods industries on the other hand reported a drop of 4.6 p.c. in shipments with an increase of 1.0 p.c. in number of employees.

Le Québec, qui compte environ 30 p. 100 de la valeur totale de vente des expéditions des fabriques, est la deuxième province industrielle du Canada. En 1957, la valeur de vente à la fabrique des marchandises expédiées par les industries manufacturières du Québec a atteint le sommet de \$6,679,595,056, dépassant ainsi de 0.9 p. 100 le montant de l'année précédente. Le nombre des employés a aussi augmenté de 0.7 p. 100 et se chiffrait par 449,383. Même si la valeur des expéditions de 1957 marquait une avance de 24.0 p. 100 sur 1953, le nombre des employés n'a augmenté que de 1.8 p. 100. Cet écart est conforme à la situation en cours depuis quelques années, à savoir que l'emploi augmente moins vite que le volume de la production. L'automatisation et les progrès techniques, en s'intensifiant, vont probablement accentuer encore davantage cet écart. On voit une preuve de cette situation dans le fait que depuis 1949 et pour l'ensemble du Canada le volume de la production a grossi de 42.5 p. 100 et le nombre des employés, de seulement 16.0 p. 100. Comme on ne dispose pas d'indices provinciaux du volume de la production, il est impossible de comparer le Québec. Il ne fait aucun doute, toutefois, que le volume de la production dans le Québec en 1956 a été sans précédent. Comme le volume en a faibli de 1.8 p. 100 en 1957 dans tout le pays malgré l'augmentation de 0.4 p. 100 de l'emploi, il est très probable que la production québécoise, en 1957, ait légèrement diminué sur 1956.

La reprise commencée en 1955, après la légère récession de 1954, s'est accélérée en 1956 et a continué jusqu'à l'automne de 1957, alors que l'activité manufacturière a de nouveau fléchi. Les industries du Québec ont quand même accusé un léger accroissement de l'emploi (0.9 p. 100) et de la valeur de vente des expéditions (0.7 p. 100), au regard des sommets atteints en 1956. Les industries de biens non durables, qui répondent pour 65 p. 100 de la production de la province, ont déclaré une hausse de 4.1 p. 100 de la valeur de vente des expéditions et de 0.6 p. 100 de l'emploi. D'autre part, les industries de biens durables ont accusé des livraisons inférieures de 4.6 p. 100 et un emploi supérieur de 1 p. 100.

On the basis of employment provided, the non-durable or consumer goods industries in 1957 contributed 278,775 or 62 p.c. of the total manufacturing employment in Quebec, while the durable goods industries contributed the balance of 170,608 or 38 p.c. of the total. The clothing industries constituted the leading group in the non-durable goods sector with 56,838 employees. They were followed by foods and beverages with 48,593, textiles 38,556, paper products 36,724, chemicals and allied products 21,835, printing, publishing and allied industries 20,638, leather products 16,253, miscellaneous industries 10,996, knitting mills 10,367, tobacco and tobacco products 8,018, rubber goods 6,430, and products of petroleum and coal 3,527. In the durable goods sector the industries producing iron and steel products with 45,997 employees ranked as the major group. This was followed by transportation equipment with 37,906, wood products 32,941, electrical apparatus and supplies 24,106, non-ferrous metal products 17,673 and non-metallic mineral products 11,985.

In the non-durable sector the trend in physical output as represented by the variation in the number of employees was mixed in 1957. As compared with the previous year six of the groups reported increases and the other six reported declines. The printing and publishing group with an increase of 5.6 p.c. in the number of employees reported the greatest increase in production. This was followed by tobacco and tobacco products with an increase of 5.4 p.c., miscellaneous industries 4.5 p.c., foods and beverages 3.0 p.c., chemicals and allied products 3.0 p.c. and clothing 0.6 p.c. The greatest decline of 6.5 p.c. was reported by the rubber products group, followed by products of petroleum and coal with 3.7 p.c., textiles 3.0 p.c., leather products 2.5 p.c., paper and paper products 1.3 p.c. and knitting mills 1.2 p.c. The trend of employment in the durable goods sector was also mixed. The greatest increase was reported by the transportation equipment group, viz. 11.7 p.c. This was followed by iron and steel products with 3.1 p.c., and non-metallic mineral products 1.7 p.c. Three groups in this sector reported declines. The non-ferrous metal products group with a drop of 9.9 p.c. in employment reported the greatest loss. Wood products reported a drop of 5.0 p.c. and electrical apparatus and supplies 0.8 p.c.

The change in the pattern of manufacturing employment in Quebec between 1953 and 1957 is illustrated in the table below. As a result of an increase of 2.4 p.c. in employment, the non-durable goods industries bettered their position with an increase to 62 p.c. of the total employment in 1957 from 61.6 p.c. in 1953. The durable goods industries also reported an increase in employment of 0.7 p.c., but their share of the total dropped to 38 p.c. from 38.4 p.c. For the non-durable goods industries increases in employment ranged from 15.9 p.c. for printing, publishing and allied in-

En ce qui concerne l'emploi, les industries de biens non durables ou de consommation ont embauché 278,775 personnes ou 62 p.100 du total de la fabrication du Québec, tandis que celles des durables ont répondu pour le reste, soit 170,608 employés ou 38 p.100 du total. Le vêtement a été le principal employeur du secteur des non-durables (56,838). Viennent ensuite les aliments et boissons (48,593), les textiles (38,556), les articles en papier (36,724), les produits chimiques et parachimiques (21,835), l'impression, l'édition et les industries connexes (20,638), les articles en cuir (16,253), les industries diverses (10,996), les tricots (10,367), les tabacs (8,018), les articles en caoutchouc (6,430) et les dérivés du pétrole et du charbon (3,527). Dans le secteur des biens durables, les industries fabriquant les produits du fer et de l'acier viennent en tête (45,997 employés). Elles sont suivies par le matériel de transport (37,906), les produits du bois (32,941), les appareils et fournitures électriques (24,106), les produits des métaux non ferreux (17,673) et les produits des minéraux non métalliques (11,985).

Dans le secteur des non-durables, la tendance de la production physique, d'après l'emploi, est mixte. Comparativement à 1956, six groupes ont déclaré un emploi plus élevé et les six autres, moins élevé. Le groupe de l'impression et de l'édition, qui a une avance de 5.6 p.100 de l'emploi, a aussi déclaré la plus forte augmentation de production. Viennent ensuite les tabacs (augmentation de 5.4 p.100), les industries diverses (4.5), les aliments et boissons (3.0), les produits chimiques et parachimiques (3.0) et le vêtement (0.6). La diminution la plus forte est celle du groupe des articles en caoutchouc (6.5 p.100), suivi des dérivés du pétrole et du charbon (3.7), des textiles (3.0), des articles en cuir (2.5), du papier et des articles en papier (1.3) et des tricots (1.2). La situation de l'emploi dans le secteur des biens durables est aussi mixte. L'augmentation la plus marquée est celle du matériel de transport (11.7 p.100), suivie des produits du fer et de l'acier (3.1) et des produits des minéraux non métalliques (1.7). Trois groupes de ce secteur ont accusé une production moindre: les produits des métaux non ferreux, où l'emploi a baissé de 9.9 p.100, ont accusé la plus forte perte; les produits du bois ont connu une baisse de 5.0 p.100 et les appareils et fournitures électriques, de 0.8 p.100.

L'évolution de l'emploi manufacturier au Québec, de 1953 à 1957, paraît au tableau suivant. A la suite d'une avance de 2.4 p.100 de l'emploi, les industries de biens non durables ont amélioré leur position avec une augmentation à 62 p.100 de leur part de l'emploi total en 1957 (61.6 p.100 en 1953). Les industries de biens durables ont aussi accusé un emploi supérieur (0.7 p.100), mais leur part du total est tombée de 38.4 à 38 p.100. Dans les biens non durables, l'avance de l'emploi a varié de 15.9 p.100 dans l'impression, l'édition et les industries connexes, à 0.9 p.100 dans les tricoteries. Quatre groupes ont connu un

dustries to 0.9 p.c. for knitting mills. Four groups reported declines which ranged from 10.1 p.c. for products of petroleum and coal to 4.7 p.c. for clothing. In the durable goods sector the variations ranged from an increase of 19.1 p.c. for non-metallic mineral products to a decline of 13.3 p.c. for transportation equipment.

recul variant de 10.1 p.100 (dérivés du pétrole et du charbon) à 4.7 p.100 (vêtement). Quant aux biens durables, les variations se sont échelonnées d'une avance de 19.1 p.100 (produits des minéraux non métalliques) à un recul de 13.3 p.100 (matériel de transport).

### Pattern of Manufacturing Employment in Quebec, 1957 and 1953

### Bilan de l'emploi manufacturier au Québec, 1957 et 1953

	Employees Employés		Percentage of the total Pourcentage du total		
	1957	1953	1957	1953	
<b>Non-durable goods:</b>					
Foods and beverages .....	48,593	44,929	10.8	10.2	Biens non durables:
Tobacco .....	8,018	7,503	1.8	1.7	Aliments et boissons
Rubber products .....	6,430	6,283	1.4	1.4	Tabacs et produits du tabac
Leather products .....	16,253	17,855	3.6	4.0	Articles en caoutchouc
Textiles .....	38,556	41,009	8.6	9.3	Articles en cuir
Knitting mills .....	10,367	10,274	2.3	2.3	Textiles
Clothing .....	56,838	59,611	12.6	13.5	Tricoteries
Paper products .....	36,724	32,476	8.2	7.4	Vêtements
Printing, publishing and allied industries.	20,638	17,806	4.6	4.0	Produits du papier
Products of petroleum and coal ....	3,527	3,924	0.8	0.9	Impression, édition et industries connexes.
Chemicals and allied products ....	21,835	20,649	4.9	4.7	Dérivés du pétrole et du charbon
Miscellaneous industries .....	10,996	9,890	2.4	2.2	Produits chimiques et parachimiques
<b>Total</b> .....	<b>278,775</b>	<b>272,209</b>	<b>62.0</b>	<b>61.6</b>	<b>Total</b> Industries diverses
<b>Durable goods:</b>					
Wood products .....	32,941	33,972	7.3	7.7	Biens durables:
Iron and steel products .....	45,997	42,683	10.3	9.7	Produits du bois
Transportation equipment .....	37,906	43,745	8.4	9.9	Produits du fer et de l'acier
Non-ferrous metal products .....	17,673	18,426	3.9	4.2	Matériel de transport
Electrical apparatus and supplies	24,106	20,458	5.4	4.6	Produits des métaux non ferreux
Non-metallic mineral products ....	11,985	10,062	2.7	2.3	Appareils et fournitures électriques
<b>Total</b> .....	<b>170,608</b>	<b>169,348</b>	<b>38.0</b>	<b>38.4</b>	<b>Total</b> Produits des minéraux non métalliques
<b>Grand total</b> .....	<b>449,383</b>	<b>441,555</b>	<b>100.0</b>	<b>100.0</b>	<b>Total général</b>

Quebec has developed its \$6.7 billion manufacturing output with such leading industries as pulp and paper, non-ferrous metal smelting and refining, petroleum products, slaughtering and meat packing, cotton yarn and cloth, men's and women's clothing, tobacco, cigars and cigarettes, synthetic textiles and silk, railway rolling stock, leather footwear and miscellaneous electrical apparatus. In common with the rest of Canada, Quebec experienced a great industrial expansion

Grâce à des industries telles que la pâte de bois et le papier, la réduction et l'affinage des métaux non ferreux, les dérivés du pétrole, les abattoirs et conserveries de viande, les filés et tissus de coton, les vêtements, les tabacs, les textiles synthétiques et soie, le matériel roulant de chemin de fer, les chaussures en cuir et divers appareils électriques, le Québec a porté sa production manufacturière à 6,700 millions de dollars. Comme le reste du pays, il a été témoin d'une forte expansion industrielle à

following the second World War. Nor was this expansion confined to the existing industrial areas, but spread to many towns and villages in the accessible areas of the province.

Quebec's leading industry is pulp and paper with an output of approximately \$596 million in 1957. Quebec is a principal world centre for the production of newsprint with 56 major pulp and paper plants concentrated in the Trois Rivieres and Shawinigan Falls districts as well as along the Saguenay, Ottawa, and St. Lawrence rivers. The production of non-ferrous metals has expanded considerably during the past decade. The output of aluminum in Canada has made impressive strides during the past years and reached a record total of 620,000 tons in 1956. In 1957, however, the output dropped to 557,000 tons. Quebec, with its new furniture factories, its new titanium smelter and its expanded aluminum-making facilities, is challenging Ontario's long established lead in a number of the wood and non-ferrous metal products industries.

There are several important factors which contributed to the great industrial development of the Province. To begin with, the geographic situation of the Province is extremely favourable, with an excellent large harbour 800 miles inland where seagoing vessels of heavy tonnage can dock. There is also an extensive highway system linking the small rural areas to the big industrial centres. Other significant factors include abundant forest resources, water power, minerals, agricultural lands and, of even more importance, an industrious and stable population.

Quebec is the richest of Canada's provinces in water power resources and has sufficient reserves of undeveloped power to meet its foreseeable needs for some years to come. Its present installation approaching 9,000,000 h.p. is about 45 p.c. of the Canadian total. The province continued to extend its hydro-electric power facilities during 1957 with a net capacity increase of 473,900 h.p. The Quebec Hydro-Electric Commission completed the installation of the fourth and fifth 150,000 h.p. units in its Bersimis I development on the Bersimis River where the ultimate capacity of the underground powerhouse will be 1,200,000 h.p. At Beauharnois on the St. Lawrence River construction of the third and final section of the Commission's powerhouse moved ahead, and the completion of the entire plant, with a total installed capacity of 2,235,000 h.p. is expected in 1960. The Shipshaw plant of the Aluminum Company of Canada on the Saguenay River is rated at 1,200,000 h.p., while the seven hydro-electric plants of the Shawinigan Water and Power Company on the St. Maurice River have a total capacity of 1,695,000 h.p. Quebec thus excels in both the size of its hydro-electric installations as well as in the magnitude of horse-power developed.

la suite de la seconde guerre mondiale. Cette expansion ne s'est pas limitée aux seules régions industrielles existantes, mais s'est étendue à nombre de villes et de villages des régions accessibles de la province.

La principale industrie du Québec est celle de la pâte de bois et du papier, dont la production a été d'environ 596 millions de dollars en 1957. Principal centre mondial de production de papier-journal, le Québec possède 56 grandes pulperies-papeteries, qui se concentrent dans les régions de Trois-Rivières et de Shawinigan-Falls ou s'échelonnent le long du Saguenay, de l'Outaouais et du Saint-Laurent. La production de métaux non ferreux a sensiblement augmenté depuis dix ans. Celle d'aluminium a fait des bonds impressionnantes au Canada depuis quelques années et a atteint en 1956, le chiffre sans précédent de 620,000 tonnes. Cependant, en 1957, la production est tombée à 557,000 tonnes. Le Québec, avec ses nouvelles manufactures de meubles, son nouveau smelter de titane et ses installations agrandies pour la production d'aluminium, menace de ravir à l'Ontario la prédominance qu'on lui reconnaissait depuis longtemps dans un certain nombre d'industries des produits du bois et des métaux non ferreux.

Divers facteurs importants ont contribué à la grande expansion industrielle de la province: sa situation géographique particulièrement favorable, son excellent port de mer à 800 milles à l'intérieur, où les océaniques de gros tonnage peuvent mouiller; un vaste réseau routier, qui relie les petites régions rurales aux grands centres industriels et, facteurs non moins importants, ses abondantes ressources forestières, ses sources d'énergie hydraulique, ses minéraux, ses terres agricoles et, ce qui compte le plus, sa population laborieuse et stable.

Le Québec est la plus riche province en ressources hydrauliques et possède assez de réserves pour longtemps encore. Ses installations (près de 9 millions de h.p.) représentent environ 45 p. 100 du total canadien. La province a continué l'expansion de ses aménagements hydro-électriques durant 1957 et sa capacité nette s'est accrue de 473,900 h.p. L'Hydro-Québec a terminé l'installation des quatrième et cinquième groupes (150,000 h.p.) de l'usine n° 1 de Bersimis, sur la rivière de ce nom; la puissance éventuelle de la centrale souterraine atteindra 1,200,000 h.p. A Beauharnois, sur le Saint-Laurent, la construction de la troisième et dernière section de la centrale s'est poursuivie; une fois terminée, en 1960, elle aura une puissance installée de 2,235,000 h.p. L'usine de Shipshaw de l'*Aluminum Company of Canada*, sur le Saguenay, fournira environ 1,200,000 h.p., tandis que les sept centrales de la *Shawinigan Water and Power Company*, sur le Saint-Maurice, totalisent 1,695,000 h.p. Le Québec se place donc au premier rang tant par ses aménagements hydro-électriques que par sa production de h.p.

Two of the most important industrial developments in Quebec today are the Ungava iron ore project and the new titanium industry. With the exploitation of the Ungava iron deposits on which it is believed, the future of the great steel industries of this Continent rests, Quebec's industrial base is being expanded to the point where the future industrial development of this Province is well assured.

Quebec's industries are not as diversified as those of Ontario, although a number have an output approximately half or more of the total Canadian production. The manufacture of pulp and paper occupies the premier position. Fifty years ago this industry had hardly come into existence in the Province and in the mid-1920's the annual gross value of production had not yet reached \$100,000,000. By the end of 1957 it accounted for about 9 p.c. of the gross value of Quebec's manufactures and for about 42 p.c. of the Canadian total for this industry. Other large industries in which Quebec predominates, with their percentage of the Canadian total, are: tobacco, cigars and cigarettes 91.2; women's factory clothing 70.1; cotton yarn and cloth 68.7; men's factory clothing 54.2; synthetic textiles 50.5; miscellaneous electrical apparatus and supplies 48.3; railway rolling stock 43.5; shipbuilding and repairs 42.8; pulp and paper 42.2; aircraft and parts 38.1; acids, alkalies and salts 37.2; petroleum products 36.4; brass and copper products 36.4; non-ferrous metal smelting and refining 35.8; miscellaneous chemical products 35.8; and furniture 34.0. Two medium-sized industries with Canada shipments of over \$100,000,000 also predominate in Quebec. These were leather footwear with 56.3 and medicinal and pharmaceutical preparations 44.9.

Quebec also predominates in a large number of the smaller industries. The candle industry with 94.9 p.c. of the Canadian total was the leading industry in this category. Other industries with their percentages of the total are: men's clothing contractors 93.5; oiled and waterproofed clothing 90.8; women's clothing contractors 85.9; cotton thread 80.5; children's clothing 77.5; embroidery, pleating and hemstitching 74.7; narrow fabrics 74.1; dyeing and finishing of textiles 73.0; lasts, trees and shoe findings 70.1; oilcloth, linoleum and other coated fabrics 69.5; process cheese 69.4; fur dressing and dying 68.6; miscellaneous clothing 67.3; boot and shoe findings, leather 67.2; artificial flowers and feathers 62.0; fur goods 59.4; miscellaneous textiles 57.7; corsets 57.1; asbestos products 53.9; buttons, buckles and fasteners 51.0; and woollen cloth 40.3.

Manufacturing establishments reporting in 1957 numbered 12,250. These plants furnished employment to 449,383 persons who received \$1,477,828,336 in salaries and wages. They also shipped goods with a selling value at the factory of \$6,679,595,056 and spent \$3,570,908,799 for materials. The value added by manufacture totalled \$2,947,897,608.

Deux des développements industriels les plus importants du Québec sont les exploitations de minerai de fer dans l'Ungava et la nouvelle industrie de titane. Grâce à la mise en valeur des gisements de fer de l'Ungava, dont dépend, croit-on, l'avenir des grandes industries de l'acier du continent, les assises industrielles de la province de Québec sont étendues au point où l'avenir de la province dans ce domaine est assuré pour longtemps.

Les industries du Québec ne sont pas aussi diversifiées que celles de l'Ontario bien que certaines d'entre elles aient une production d'environ la moitié ou plus de la production nationale du Canada. L'industrie de la pâte et du papier vient en tête. Elle naissait à peine il y a cinquante ans et vers 1925 la valeur brute de sa production annuelle n'atteignait pas encore 100 millions de dollars. A la fin de 1957, elle est d'environ 9 p.100 de la valeur brute de la production manufacturière de la province et d'environ 42 p.100 de la valeur totale de la production de cette industrie au Canada. D'autres grandes industries canadiennes où la province de Québec occupe une place prépondérante sont: tabac, cigares et cigarettes (91.2 p.100 du total national), confection pour femmes (70.1), filés et tissus de coton (68.7), confection pour hommes (54.2), textiles synthétiques (50.5), appareils et fournitures électriques divers (48.3), matériel roulant de chemin de fer (43.5), construction et réparations navales (42.8), pâte et papier (42.2), avions et pièces (38.1), acides, alkalis et sels (37.2), dérivés du pétrole (36.4), articles en laiton et en cuivre (36.4), fusion et affinage des métaux non ferreux (35.8), produits chimiques divers (35.8), et meubles (34.0). Deux industries d'importance moyenne, dont les expéditions excèdent 100 millions de dollars annuellement, prédominent au Québec. Il s'agit de la chaussure de cuir (56.3) et des préparations médicinales et pharmaceutiques (44.9).

Le Québec tient aussi le premier rang dans un grand nombre de petites industries: chandelles (94.9 p.100 du total national), entrepreneurs en confection pour hommes (93.5), vêtements de toile huilée et imperméable (90.8), entrepreneurs en confection pour femmes (85.9), fil de coton (80.5), vêtements d'enfants (77.5), broderies, plissés et ourlets à jour (74.7), rubans (74.1), teinture et finissage des textiles (73.0), formes, embauchoirs et crépins (70.1), linoleum et autres tissus enduits (69.5), fromage refait (69.4), apprêtage et teinture des fourrures (68.6), vêtements divers (67.3), crépins en cuir (67.2), fleurs et plumes artificielles (62.0), articles de fourrure (59.4), textiles divers (57.7), corsets (57.1), produits d'amianté (53.9), boutons, agrafes et attaches (51.0), et lainages (40.3).

En 1957, 12,250 établissements manufacturiers ont fait rapport; ils ont employé 449,383 personnes et leur ont versé \$1,477,828,336 en salaires. La valeur d'origine de leurs expéditions a atteint \$6,679,595,056 et le coût des matières, \$3,570,908,799. La valeur ajoutée a été de \$2,947,897,608.

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. 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. Beginning with 1954 it is again possible to obtain value of production figures, by adding to the value of shipments the changes in the inventory of finished products. The figures for value added in 1954 and subsequent years are, therefore, comparable with 1951 and prior years.

La valeur ajoutée par la fabrication s'obtient en soustrayant de la valeur brute des produits le coût des matières premières, du combustible et de l'électricité utilisés. La différence donne la valeur ajoutée aux matières premières par la fabrication. C'est sur cette différence que l'employeur paie sa main-d'oeuvre, ses dépenses générales, ses intérêts et tire son bénéfice.

Pour obtenir la valeur de la production, il faut corriger la valeur des expéditions par la différence des stocks de produits finis au début et en fin d'année. Comme les questionnaires du recensement de l'industrie de 1952 et de 1953 ne comportaient pas de questions sur les stocks à l'ouverture ni à la fermeture, le calcul direct de la valeur de la production est impossible. Pour ces deux années, la valeur ajoutée s'obtient en soustrayant des expéditions le coût des matières premières, y compris le combustible et l'électricité. La valeur ainsi obtenue diffère quelque peu de la valeur réelle. A partir de 1954, il est possible d'établir la valeur de la production en corrigeant la valeur des expéditions par le changement des stocks des produits finis. On peut donc comparer la valeur ajoutée de 1954 et des années suivantes à celle de 1951 et des années antérieures.

TABLE 1. Principal Statistics of the Manufacturing Industries of Canada by Provinces, 1957

TABLEAU 1. Principales statistiques des industries manufacturières du Canada, par province, 1957

Provinces	Establishments Établissements	Employees Employés	Salaries and wages Salaires et gages	Cost at plant of materials used Coût à l'établissement des matières employées	Value added by manufacture <sup>1</sup> Valeur ajoutée par la fabrication <sup>1</sup>	Selling value of factory shipments Valeur de vente des expéditions de la fabrique	Provinces
							No. — nombr. dolars
Newfoundland .....	916	10,473	32,783,715	53,995,122	56,543,792	117,713,795	Terre-Neuve
Prince Edward Island.....	193	1,663	3,278,822	18,315,249	6,579,507	24,952,853	Île-du-Prince-Édouard
Nova Scotia .....	1,356	31,530	90,634,615	238,286,745	175,682,924	427,299,045	Nouvelle-Écosse
New Brunswick .....	981	20,985	60,485,307	174,741,863	123,547,460	311,795,501	Nouveau-Brunswick
Quebec .....	12,250	449,383	1,477,828,336	3,570,908,799	2,947,897,608	6,679,595,056	Québec
Ontario .....	13,580	644,245	2,430,676,464	5,827,317,500	5,047,710,789	11,078,592,683	Ontario
Manitoba.....	1,590	43,884	140,200,258	379,799,214	273,162,757	664,529,736	Manitoba
Saskatchewan .....	844	12,012	40,875,349	189,106,737	109,598,807	306,115,112	Saskatchewan
Alberta .....	1,893	39,089	137,077,438	461,134,040	312,037,090	784,480,512	Alberta
British Columbia.....	4,250	105,631	405,129,932	985,519,123	767,914,301	1,785,298,750	Colombie-Britannique
Yukon and Northwest Territories.	22	166	657,765	1,627,311	1,409,691	3,221,268	Yukon et Territoires du Nord-Ouest.
Canada .....	37,875	1,359,061	4,819,627,999	11,900,751,703	9,822,084,726	22,183,594,311	Canada

<sup>1</sup> Calculated value of production (shipments plus closing inventory, minus opening inventory of finished products) less cost of materials and fuel and electricity used. (See text, last two paragraphs.)

<sup>1</sup> Valeur calculée de la production (expéditions, plus stocks de fermeture, moins stocks d'ouverture des produits finis) moins coût des matières, du combustible et de l'électricité. (Voir texte, deux dernières paragraphes.)

TABLE 2. Principal Statistics Compared, 1956 and 1957

TABLEAU 2. Principales statistiques comparées pour 1956 et 1957

Principal statistics	1956	1957	+Increase —Decrease — +Augmentation —Diminution	Principales statistiques	
				Nomb.	Établissements
Establishments .....	No.	12,112	12,250	+	138
Supervisory and office employees:					Employés d'administration et de bureau:
Male .....	"	68,315	71,762	+	3,447
Female .....	"	26,101	27,165	+	1,064
Salaries .....	\$	391,023,668	435,933,580	+44,909,912	\$ Salaires
Production workers:					Travailleurs de la production:
Male .....	No.	257,492	257,141	-	351
Female .....	"	94,229	93,315	-	914
Wages .....	\$	1,005,390,896	1,041,894,756	+36,503,860	\$ Gages
Cost of fuel and electricity .....	\$	181,050,355	187,181,272	+ 6,130,917	\$ Coût du combustible et de l'électricité
Cost at plant of materials used .....	\$	3,605,521,666	3,570,908,799	-34,612,867	\$ Coût à l'établissement des matières employées
Value added by manufacture <sup>1</sup> .....	\$	2,888,148,758	2,947,897,608	+59,748,850	\$ Valeur ajoutée par la fabrication <sup>1</sup>
Selling value of factory shipments.	\$	6,622,502,699	6,679,595,056	+57,092,357	\$ Valeur de vente des expéditions de la fabrique

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

<sup>1</sup> Voir renvoi 1, Tableau 1.

TABLE 3. Principal Statistics of the Manufacturing Industries of Quebec, 1931 to 1957  
 TABLEAU 3. Principales statistiques des industries manufacturières du Québec, 1931 à 1957

Year Année	Establishments Établissements	Capital	Employees Employés	Salaries and wages Salaires et gages	Cost at plant of materials used Coût à l'établissement des matières employées	Value added by manufacture <sup>1</sup> Valeur ajoutée par la fabrication <sup>1</sup>	Gross value of products <sup>2</sup> Valeur brute des produits <sup>2</sup>
							No. — nomb. \$
							No. — nomb. dollars
1931 .....	7,287	1,159,982,849	173,605	178,389,417	368,530,245	404,034,043	801,643,772
1932 .....	7,630	1,051,020,080	155,025	144,263,174	291,766,121	301,757,419	619,093,915
1933 .....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,018
1934 .....	7,952	1,023,762,268	175,248	154,225,040	357,366,911	330,153,916	715,513,642
1935 .....	7,727	1,014,479,736	182,987	165,833,586	398,110,681	342,615,835	769,094,602
1936 .....	7,969	1,029,546,039	194,376	182,319,454	455,027,759	377,514,998	863,687,389
1937 .....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1938 .....	8,655	1,146,235,084	214,397	213,390,084	518,430,815	428,614,079	983,123,599
1939 .....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1940 .....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	595,552,909	1,357,375,776
1941 .....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
1942 .....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943 .....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
1944 .....	9,656	Not collected	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945 .....	10,038	"	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946 .....	10,818	"	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
1947 .....	11,223	"	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
1948 .....	11,107	"	383,835	756,078,652	1,954,111,943	1,533,798,259	3,598,870,345
1949 .....	11,579	"	390,275	809,579,270	2,017,793,643	1,651,629,668	3,788,497,123
1950 .....	11,670	"	390,163	851,334,700	2,225,476,250	1,798,320,105	4,142,473,290
1951 .....	11,861	"	417,182	1,005,601,680	2,696,638,646	2,083,933,751	4,916,157,419
1952 .....	12,024	"	429,698	1,125,944,703	2,745,618,113	2,288,643,279	5,176,234,825
1953 .....	12,132	"	441,555	1,225,573,314	2,816,373,112	2,424,647,499	5,386,784,863
1954 .....	12,191	"	424,095	1,214,661,400	2,806,248,363	2,448,027,538	5,395,786,644
1955 .....	12,194	"	429,575	1,271,077,953	3,152,541,331	2,622,333,056	5,922,367,074
1956 .....	12,112	"	446,137	1,396,414,564	3,605,521,666	2,888,148,758	6,622,502,699
1957 .....	12,250	"	449,383	1,477,828,336	3,570,908,799	2,947,897,608	6,679,595,056

<sup>1</sup> In 1951 and previous years, the value added by manufacture is computed by subtracting the cost of fuel, electricity and materials used from the gross value of products. For the years 1952 and 1953 the deduction is made from the value of factory shipments and for 1954 and subsequent years from the calculated value of production (shipments, plus closing inventory, minus opening inventory of finished products.) (See footnote 1, Table 1, page 11.)

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

<sup>1</sup> En 1951 et les années précédentes, la valeur ajoutée par la fabrication est calculée en soustrayant le coût du combustible, de l'électricité et des matières employées, de la valeur brute des produits. Pour les années 1952 et 1953 la déduction est faite de la valeur des expéditions de la fabrique et en 1954 et les années suivantes de la valeur calculée de la production (expéditions, plus stocks de fermeture, moins stocks d'ouverture des produits finis). (Voir renvoi, Tableau 1, page 11.)

<sup>2</sup> En 1952 et les années suivantes, les chiffres ont été réunis d'après la valeur des expéditions de la fabrique, plutôt que de la valeur brute des produits.

TABLE 4. Principal Statistics of the Forty Leading Industries, 1957

TABLEAU 4. Statistiques des quarante principales industries, 1957

No.	Industries	Estab-	Em-	Salaries and	Cost at plant	Value added	Selling value	Industries	N°
		lish-	ployees	wages	of materials	by manufac-	of factory		
		Éta-	Ém-	Salaires et	used	tur-	shipments <sup>2</sup>		
		No. — nombr.							dollars
1	Pulp and paper .....	56	27,964	129,124,788	257,397,691	292,451,948	596,214,819	Pulpe et papier .....	1
2	Petroleum products .....	8	2,852	15,693,245	300,825,529	180,498,932	500,924,115 <sup>3</sup>	Produits du pétrole .....	2
3	Non-ferrous metal smelting and refining .....	10	10,315	44,655,322	285,771,624	143,437,922	457,853,980 <sup>2</sup>	Fonte et affinage des métaux non ferreux .....	3
4	Miscellaneous electrical apparatus and supplies .....	42	14,941	58,639,081	81,023,908	100,040,760	184,176,139	Appareils et fournitures électriques divers .....	4
5	Slaughtering and meat packing .....	44	4,895	17,386,820	153,012,296	28,110,858	182,074,578	Abattoirs et salaisons .....	5
6	Clothing, women's, factory .....	425	17,487	43,587,855	95,369,384	76,449,469	172,068,261	Confection pour femmes .....	6
7	Railway rolling stock .....	6	12,649	46,155,300	104,999,779	61,159,451	168,244,558 <sup>2</sup>	Matériel roulant de chemin de fer .....	7
8	Tobacco, cigars and cigarettes .....	23	7,664	27,109,628	92,328,036	73,885,492	166,675,569	Tabac, cigares et cigarettes .....	8
9	Aircraft and parts .....	23	15,816	68,112,308	55,738,069	104,422,789	161,673,194 <sup>2</sup>	Avions et pièces .....	9
10	Cotton yarn and cloth .....	21	13,768	38,968,661	92,234,469	55,501,186	150,304,074	Filés et tissus de coton .....	10
11	Clothing, men's, factory .....	315	15,981	38,336,383	87,214,951	60,627,526	147,633,189	Confection pour hommes .....	11
12	Butter and cheese .....	572	4,917	13,567,001	111,472,574	25,708,962	139,089,040	Beurre et fromage .....	12
13	Machinery, industrial .....	60	9,145	34,751,742	47,362,001	66,726,795	111,807,086	Machinerie industrielle .....	13
14	Miscellaneous food preparations .....	86	2,802	9,151,529	69,770,424	35,127,849	105,510,418	Préparations alimentaires diverses .....	14
15	Furniture .....	642	11,417	32,023,783	51,867,853	51,948,521	104,617,950	Meubles .....	15
16	Bread and other bakery products .....	932	10,418	27,172,519	45,572,498	43,166,386	92,315,783	Pain et autres produits de boulangerie .....	16
17	Sawmills .....	1,431	8,615	17,114,084	54,638,552	32,279,461	88,048,397 <sup>2</sup>	Scieries .....	17
18	Synthetic textiles and silk .....	29	10,057	30,759,846	41,953,745	41,448,873	82,785,378	Textiles synthétiques et soie .....	18
19	Primary iron and steel .....	16	4,621	19,432,890	32,097,677	47,033,842	82,580,076	Fer et acier primaires .....	19
20	Boxes and bags, paper .....	67	5,158	15,657,362	49,454,727	29,996,668	80,707,675	Boltes et sacs en papier .....	20
21	Acids, alkalies and salts .....	17	4,244	20,067,535	36,144,384	38,154,629	80,285,049	Acides, alcalis, et sels .....	21
22	Footwear, leather .....	148	11,866	27,286,722	40,379,370	39,761,531	80,102,631	Chaussures en cuir .....	22
23	Miscellaneous chemical products, n.e.s. ....	87	6,369	23,362,025	44,203,697	30,926,433	78,830,645	Produits chimiques divers, n.a.e. ....	23
24	Printing and publishing .....	80	7,140	28,376,281	22,165,858	52,947,873	75,562,618	Impression et édition .....	24
25	Sheet metal products .....	100	4,996	19,270,248	37,249,284	35,111,708	74,248,554	Tôleerie .....	25
26	Shipbuilding .....	11	7,973	28,944,247	32,585,379	38,159,414	71,582,790 <sup>2</sup>	Construction de navires .....	26
27	Feeds, stock and poultry, prepared .....	323	1,995	5,075,725	55,617,087	13,815,798	70,537,818	Aliments préparés pour bestiaux et volaille .....	27
28	Bridge and structural steel work .....	14	5,315	23,260,648	38,271,105	30,104,470	69,028,063 <sup>2</sup>	Acier de charpentes, ponts, etc. ....	28
29	Printing and bookbinding .....	638	7,915	26,211,167	24,921,108	41,521,993	66,977,222	Impression et reliure .....	29
30	Brass and copper products .....	40	2,754	11,061,082	44,177,297	21,119,477	66,387,669	Produits du cuivre et du laiton .....	30
31	Medicinal and pharmaceutical preparations .....	88	4,009	14,647,664	20,677,897	42,082,965	62,921,136	Préparations médicinales et pharmaceutiques .....	31
32	Breweries .....	5	2,518	11,036,337	18,349,394	41,452,290	60,646,983	Brasseries .....	32
33	Rubber goods, including footwear .....	34	6,430	20,446,898	26,093,702	31,723,275	59,707,499	Articles en caoutchouc y compris chaussures .....	33
34	Carbonated beverages .....	185	2,739	8,638,820	17,613,469	37,826,761	56,780,719	Eaux gazeuses .....	34
35	Sash, door and planing mills .....	772	5,638	13,564,092	32,534,677	22,464,129	56,218,896	Ateliers de rabotage, portes et châssis .....	35
36	Distilled liquors .....	8	2,286	8,875,017	16,846,196	33,185,357	49,696,723	Distilleries .....	36
37	Knitted goods, other than hosiery .....	81	5,338	11,544,180	29,142,253	21,213,980	49,314,604	Bonneterie, sauf bas et chaussettes .....	37
38	Wire and wire goods .....	36	3,037	12,030,295	27,131,666	20,564,157	47,998,835	Tréfilerie .....	38
39	Concrete products .....	220	3,371	11,279,238	24,224,348	21,248,222	47,367,268	Produits du béton .....	39
40	Castings, iron .....	56	3,932	14,943,566	21,464,135	24,292,143	46,166,960	Moulages de fonte .....	40
	<b>Totals, leading industries, listed.<sup>1</sup></b>	<b>7,751</b>	<b>311,347</b>	<b>1,065,321,934</b>	<b>2,719,898,093</b>	<b>2,187,700,295</b>	<b>5,045,666,961</b>	<b>Total, principales industries énumérées<sup>1</sup></b>	
	<b>Totals, all industries</b>	<b>12,250</b>	<b>449,383</b>	<b>1,477,828,336</b>	<b>3,570,908,799</b>	<b>2,947,897,608</b>	<b>6,679,595,056</b>	<b>Total, toutes industries</b>	

<sup>1</sup> See footnote 1, Table 1, page 11.<sup>2</sup> Reported on a production basis.<sup>3</sup> Sugar refining is also a leading industry. Statistics, however, are confidential.<sup>1</sup> Voir renvoi 1, Tableau 1, page 11.<sup>2</sup> Fondé sur la production.<sup>3</sup> Le raffinage du sucre est aussi l'une des principales industries, mais les chiffres n'en peuvent être révélés.

TABLE 5. Principal Statistics by Industrial Groups, 1956 and 1957

No.	Industrial group	Establishments Établissements	Supervisory and office employees Employés d'administration et de bureau			Production workers Travailleurs de la production		
			Male Hommes	Female Femmes	Salaries Salaires	Male Hommes	Female Femmes	Wages Gages
			No. - nomb.		\$	No. - nomb.		\$
1956								
1 Foods and beverages.....	2,622	7,339	2,353	35,616,957	29,100	8,378	95,880,314	
2 Tobacco and tobacco products.....	29	584	361	4,692,574	2,398	4,267	20,708,930	
3 Rubber products.....	35	928	383	5,633,515	3,834	1,732	15,073,090	
4 Leather products.....	351	1,473	644	7,939,930	7,685	6,871	28,609,844	
5 Textiles.....	444	5,047	2,498	31,771,348	21,527	10,688	77,550,583	
6 Knitting mills.....	147	686	484	4,230,372	3,181	6,139	18,982,219	
7 Clothing.....	1,559	4,284	2,554	29,291,772	13,330	36,329	96,794,525	
8 Wood products.....	3,158	5,342	836	17,275,942	27,175	1,331	64,112,363	
9 Paper products.....	193	4,729	1,681	33,816,126	27,840	2,976	120,372,754	
10 Printing, publishing and allied industries.....	1,255	5,002	3,223	28,568,027	9,192	2,132	38,505,037	
11 Iron and steel products.....	704	7,710	2,405	43,882,772	33,028	1,450	120,339,595	
12 Transportation equipment.....	115	5,841	1,339	33,177,038	26,394	353	94,197,684	
13 Non-ferrous metal products.....	193	3,637	1,072	21,353,759	14,081	823	53,725,167	
14 Electrical apparatus and supplies.....	98	6,350	2,130	33,961,362	11,133	4,690	54,986,829	
15 Non-metallic mineral products.....	348	1,512	460	7,947,596	9,227	584	32,929,689	
16 Products of petroleum and coal.....	19	824	134	5,114,264	2,692	12	11,564,271	
17 Chemicals and allied products.....	365	5,335	2,776	37,295,936	10,475	2,608	41,794,266	
18 Miscellaneous industries.....	479	1,692	766	9,454,378	5,200	2,866	19,263,736	
19 Totals.....	12,112	68,315	26,101	391,023,668	257,492	94,229	1,005,390,896	
1957								
20 Foods and beverages.....	2,726	7,746	2,497	39,864,643	29,839	8,511	103,726,746	
21 Tobacco and tobacco products.....	29	632	394	5,373,108	2,535	4,457	22,537,460	
22 Rubber products.....	34	908	389	6,010,964	3,573	1,560	14,435,934	
23 Leather products.....	332	1,413	634	7,921,180	7,558	6,648	29,191,883	
24 Textiles.....	417	5,033	2,551	33,424,893	21,104	9,868	76,513,258	
25 Knitting mills.....	166	719	453	4,543,483	3,066	6,129	19,230,302	
26 Clothing.....	1,580	4,477	2,675	31,777,485	13,348	36,338	101,091,890	
27 Wood products.....	3,097	5,313	863	18,000,720	25,432	1,333	63,105,122	
28 Paper products.....	201	4,972	1,742	37,114,798	27,128	2,882	120,037,638	
29 Printing, publishing and allied industries.....	1,267	5,397	3,506	31,494,006	9,583	2,152	42,013,445	
30 Iron and steel products.....	721	8,494	2,471	49,525,908	33,576	1,456	125,587,828	
31 Transportation equipment.....	119	6,772	1,551	40,703,626	29,168	415	107,440,653	
32 Non-ferrous metal products.....	192	3,877	1,040	24,140,165	12,082	674	48,527,681	
33 Electrical apparatus and supplies.....	99	5,944	2,063	39,137,719	11,204	4,895	55,050,793	
34 Non-metallic mineral products.....	373	1,607	489	8,558,389	9,337	552	34,727,461	
35 Products of petroleum and coal.....	18	890	153	5,900,242	2,475	9	12,510,325	
36 Chemicals and allied products.....	372	5,864	2,930	41,922,302	10,560	2,481	45,246,418	
37 Miscellaneous industries.....	497	1,704	764	10,719,949	5,573	2,955	20,919,919	
38 Totals.....	12,250	71,762	27,163	435,933,580	257,141	93,315	1,041,894,756	

<sup>1</sup> See footnote 1, Table 1, page 11.

TABLEAU 5. Principales statistiques par groupe d'industries, 1956 et 1957

Total employées	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacturer <sup>1</sup>	Selling value of factory shipments	Groupe d'industries	N°							
No. — nomb.														
dollars														
1956														
47,170	131,497,271	15,882,520	665,869,615	338,634,681	1,017,902,846	Aliments et boissons .....	1							
7,610	25,401,504	514,167	87,450,941	74,134,924	162,189,718	Tabac et produits du tabac .....	2							
6,877	20,706,605	953,037	28,771,073	37,322,772	65,052,656	Articles en caoutchouc .....	3							
16,673	36,549,774	762,042	55,493,886	54,993,680	110,901,398	Articles en cuir .....	4							
39,760	109,321,931	7,964,094	233,328,192	171,677,880	412,018,417	Textiles .....	5							
10,490	23,212,591	820,243	40,263,626	37,445,389	77,757,340	Tricots .....	6							
56,497	126,086,297	1,864,748	261,943,691	208,868,296	469,088,037	Vêtements .....	7							
34,684	81,388,305	4,337,447	178,160,560	144,470,237	323,479,620	Produits du bois .....	8							
37,226	154,188,880	50,387,736	340,515,063	357,243,361	742,161,888	Produits du papier .....	9							
19,549	67,073,064	1,262,259	65,715,054	123,583,504	190,479,617	Impression, édition et industries connexes .....	10							
44,593	164,222,367	10,165,172	268,482,367	301,439,896	566,429,391	Produits du fer et de l'acier .....	11							
33,927	127,374,722	4,370,297	162,769,485	184,781,090	352,018,641	Matériel de transport .....	12							
19,613	75,078,926	35,510,153	503,028,394	228,859,051	765,829,926	Produits des métaux non ferreux .....	13							
24,303	88,948,191	2,342,516	145,773,511	150,291,448	285,052,524	Appareils et fournitures électriques .....	14							
11,783	40,877,285	15,153,460	81,976,748	93,413,000	169,249,003	Produits des minéraux non métalliques .....	15							
3,662	16,678,535	17,639,736	283,357,498	159,619,036	460,447,263	Dérivés du pétrole et du charbon .....	16							
21,194	79,090,202	10,012,543	178,640,246	169,485,926	356,932,499	Produits chimiques et parachimiques .....	17							
10,526	28,718,114	1,128,187	43,981,716	51,884,587	95,511,715	Industries diverses .....	18							
446,137	1,396,414,564	181,050,355	3,605,521,666	2,888,148,758	6,622,502,699	Total .....	19							
1957														
48,593	143,391,389	17,851,681	728,804,696	366,047,428	1,107,984,474	Aliments et boissons .....	20							
8,018	27,910,568	584,673	94,677,829	75,027,590	170,223,998	Tabac et produits du tabac .....	21							
6,430	20,446,896	969,268	26,093,702	31,723,275	59,707,499	Articles en caoutchouc .....	22							
18,253	37,113,063	763,099	55,116,647	54,544,008	109,959,712	Articles en cuir .....	23							
38,556	109,938,151	8,276,501	221,511,275	174,141,468	400,213,353	Textiles .....	24							
10,367	23,773,765	881,725	42,928,962	41,432,945	83,656,655	Tricots .....	25							
56,838	132,869,375	1,986,325	258,620,518	216,420,542	475,051,384	Vêtements .....	26							
32,941	81,105,642	4,549,163	169,636,429	133,637,145	307,792,257	Produits du bois .....	27							
36,724	157,152,436	50,335,369	335,153,791	345,192,627	728,475,228	Produits du papier .....	28							
20,638	73,507,451	1,381,236	71,263,549	132,857,961	205,028,067	Impression, édition et industries connexes .....	29							
45,997	175,113,736	10,636,953	275,261,817	314,719,883	593,096,208	Produits du fer et de l'acier .....	30							
37,906	148,144,279	4,637,227	201,426,702	210,248,314	416,441,357	Matériel de transport .....	31							
17,673	72,667,846	30,166,688	368,338,500	164,336,670	560,685,327	Produits des métaux non ferreux .....	32							
24,106	94,188,512	2,536,788	130,502,427	144,636,167	276,076,828	Appareils et fournitures électriques .....	33							
11,985	43,265,850	16,629,855	63,289,682	95,096,144	173,936,404	Produits des minéraux non métalliques .....	34							
3,527	18,410,567	21,470,578	311,780,721	188,153,765	521,341,817	Dérivés du pétrole et du charbon .....	35							
21,835	87,168,720	12,054,069	171,520,780	183,014,718	385,900,512	Produits chimiques et parachimiques .....	36							
10,996	31,639,868	1,249,854	46,998,772	56,664,962	103,621,876	Industries diverses .....	37							
449,383	1,477,828,336	187,181,272	3,570,908,799	2,947,897,608	6,679,585,056	Total .....	38							

<sup>1</sup> Voir renvoi 1, Tableau 1, page 11.

TABLE 6. Principal Statistics of the Individual Industries, 1957

No.	Industries	Establishments — Établissemens	Supervisory and office employees Employés d'administration et de bureau			Production workers Travailleurs de la production		
			Male — Hommes	Female — Femmes	Salaries — Salaires	Male — Hommes	Female — Femmes	Wages — Gages
			No. — nomb.		\$	No. — nomb.		\$
<b>1. Foods and beverages:</b>								
1	Bakery products:							
1	Biscuits .....	15	184	106	1,210,185	1,192	1,347	5,577,245
2	Bread and other bakery products .....	932	1,329	325	5,164,357	7,099	1,665	22,008,162
Beverages:								
3	Breweries .....	5	402	140	3,076,191	1,967	9	7,960,146
4	Carbonated beverages .....	185	648	177	3,559,145	1,850	64	5,079,675
5	Distilled liquors .....	8	354	159	2,604,141	1,140	633	6,270,876
Canning and processing:								
6	Fish processing .....	70	96	11	227,200	785	250	1,340,800
7	Fruit and vegetable preparations .....	124	282	132	1,655,274	1,379	1,220	4,463,915
Dairy products:								
8	Butter and cheese .....	572	1,161	312	4,117,169	3,383	61	9,449,832
9	Cheese, process .....	5	167	49	1,145,654	380	183	1,880,702
10	Concentrated milk products .....	9	58	33	336,563	454	3	1,279,889
11	Dairy products, other .....	9	38	25	215,862	149	17	496,702
12	Milk pasteurizing .....	131	291	56	1,086,309	1,157	5	3,396,437
Grain mill products:								
13	Feeds, stock and poultry, prepared .....	323	458	134	1,654,783	1,384	19	3,420,942
14	Feed mills .....	110	122	13	281,169	182	1	401,837
15	Flour mills .....	4	219	54	912,360	469	4	1,747,642
16	Foods, breakfast .....	3	6	4	36,224	20	19	95,979
Meat products:								
17	Sausage and sausage casings .....	21	46	34	433,030	232	168	1,019,690
18	Slaughtering and meat packing .....	44	910	218	4,977,210	3,190	577	12,409,610
Other food industries:								
19	Confectionery .....	59	194	131	1,551,514	1,178	1,283	5,949,135
20	Macaroni and kindred products .....	5	32	15	257,449	228	88	776,070
21	Animal oils and fats .....	2						
22	Sugar refining .....	3	148	43	1,005,301	956	85	3,707,484
23	Wines .....	1						
24	Miscellaneous food preparations .....	86	601	326	4,157,553	1,065	810	4,993,976
25	Totals .....	2,726	7,746	2,497	39,664,643	29,639	8,511	103,726,746
<b>2. Tobacco and tobacco products:</b>								
26	Tobacco, cigars and cigarettes .....	23	615	389	5,280,685	2,380	4,280	21,828,943
27	Tobacco processing and packing .....	6	17	5	92,423	155	177	708,517
28	Totals .....	29	632	394	5,373,108	2,535	4,457	22,537,460
<b>3. Rubber goods:</b>								
29	Rubber goods, including footwear .....	34	908	389	6,010,964	3,573	1,560	14,435,934
30	Totals .....	34	908	389	6,010,964	3,573	1,560	14,435,934
<b>4. Leather products:</b>								
31	Footwear, leather .....	148	1,013	479	5,765,498	5,504	4,870	21,521,224
32	Gloves and mittens, leather .....	34	76	29	371,995	341	608	1,730,382
33	Leather tanning .....	20	50	12	237,098	428	28	1,206,676
Other leather industries:								
34	Belting, leather .....	5	15	8	107,122	58	2	158,514
35	Boot and shoe findings, leather .....	22	59	25	342,730	365	110	1,053,215
36	Miscellaneous leather goods, n.e.s. ....	103	200	81	1,096,737	862	1,030	3,521,872
37	Totals .....	332	1,413	634	7,921,180	7,558	6,648	29,191,883
<b>5. Textiles:</b>								
Cotton goods:								
38	Cotton thread .....	8	109	86	778,075	162	406	1,211,765
39	Cotton yarn and cloth .....	21	1,472	788	9,319,888	8,054	3,454	27,648,773
40	Miscellaneous cotton goods .....	7	18	5	129,988	174	16	513,060
Woollen goods: <sup>1</sup>								
41	Woollen cloth .....	25	213	104	1,350,787	1,421	644	5,047,877
42	Woollen yarn .....	16	68	30	390,683	514	176	1,761,938
43	Miscellaneous woollen goods .....	7	81	29	654,040	657	171	2,363,031

<sup>1</sup> See footnote 1, Table 1, page 11.<sup>2</sup> Reported on a production basis.<sup>3</sup> Carpets, mats and rugs, included under "Other textile industries".

TABLEAU 6. Principales statistiques de chacune des industries, 1957

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacturer <sup>1</sup>	Selling value of factory shipments	Industries	N°
Total des employés	Total salaires et gages	Coût du combustible et de l'électricité	Coût à l'établissement des matières employées	Valeur ajoutée par la fabrication <sup>1</sup>	Valeur de vente des expéditions de la fabrique		
No. — nomb.	dollars						
2,829	6,787,430	543,527	17,160,806	15,293,400	33,013,975		
10,418	27,172,519	3,494,726	45,572,498	43,166,386	92,315,783		
2,518	11,036,337	931,398	18,349,394	41,452,290	60,646,983		
2,739	8,638,820	1,352,342	17,613,469	37,826,761	56,780,719		
2,286	8,875,017	1,216,236	16,846,196	33,185,357	49,696,723		
1,142	1,568,000	177,600	4,078,600	2,341,337	6,638,300		
3,013	6,119,189	636,350	28,764,785	13,767,696	41,524,053		
4,917	13,567,001	2,641,607	111,472,574	25,708,962	139,089,040		
779	3,026,356	124,117	16,614,608	3,230,337	20,469,839		
548	1,616,452	643,103	25,576,551	6,545,913	32,342,308		
229	712,564	103,394	2,110,966	1,872,264	4,081,881		
1,509	4,482,746	714,143	23,001,959	9,219,872	32,923,278		
1,995	5,075,725	996,142	55,617,087	13,815,798	70,537,818		
318	683,006	150,003	5,610,318	1,488,791	7,252,733		
746	2,660,002	264,529	31,314,933	7,466,401	38,499,833		
49	132,203	7,497	539,575	809,978	1,352,147		
480	1,452,720	138,049	6,119,861	2,931,509	9,227,780		
4,895	17,386,820	1,243,182	153,012,296	28,110,858	182,074,578		
2,786	7,500,649	408,147	21,658,094	19,952,534	41,827,920		
363	1,033,519	115,783	3,274,820	3,027,646	6,460,586		
1,232	4,712,785	1,131,956	54,725,282	19,705,489	75,717,779		
2,802	9,151,529	818,050	69,770,424	35,127,849	105,510,418		
48,593	143,391,389	17,831,881	728,804,896	366,047,426	1,107,984,474		
7,664	27,109,628	528,135	92,328,036	73,885,492	166,675,569		
354	800,940	56,538	2,349,793	1,142,098	3,548,429 <sup>2</sup>		
8,018	27,910,568	584,673	94,677,829	75,027,590	170,223,998		
6,430	20,446,898	989,268	26,093,702	31,723,275	59,707,499		
6,430	20,446,898	989,268	26,093,702	31,723,275	59,707,499		
11,866	27,286,722	425,333	40,379,370	39,761,531	80,102,631		
1,054	2,102,377	29,976	3,227,296	3,294,640	6,399,979		
518	1,443,774	151,343	3,309,114	1,993,274	5,642,717		
83	265,636	12,311	232,384	321,396	569,898		
559	1,395,945	58,353	2,347,333	2,225,252	4,571,404		
2,173	4,618,609	85,783	5,621,150	6,947,915	12,673,083		
16,253	37,113,083	763,099	55,118,647	54,544,008	109,959,712		
763	1,989,840	97,628	4,537,479	3,673,989	8,639,462		
13,768	36,968,661	2,942,117	92,234,469	55,501,186	150,304,074		
213	643,048	65,983	2,022,913	1,218,860	3,326,605		
2,382	6,398,664	564,816	11,604,595	8,727,823	21,398,451		
788	2,152,621	143,841	6,976,847	3,288,412	10,541,056		
938	3,017,071	182,366	6,723,842	6,705,687	13,382,405		

<sup>1</sup> Voir renvoi 1, Tableau 1, page 11.<sup>2</sup> Fondé sur la production.<sup>3</sup> Tapis, moquettes et carpettes, compris sous "Autres industries textiles".

TABLE 6. Principal Statistics of the Individual Industries, 1957 - Continued

No.	Industries	Establishments Établissements	Supervisory and office employees Employés d'administration et de bureau			Production workers Travailleurs de la production		
			Male Hommes	Female Femmes	Salaries Salaires	Male Hommes	Female Femmes	Wages Gages
			No. - nombr. \$			No. - nombr. \$		
<b>5. Textiles - Concluded:</b>								
1	Synthetic textiles and silk .....	29	1,857	890	12,300,019	5,537	1,773	18,459,827
2	Other primary textiles: Dyeing and finishing of textiles .....	38	241	65	1,419,936	1,067	169	3,400,206
3	Narrow fabrics .....	29	106	74	751,918	798	630	3,601,150
Other textile industries:								
4	Automobile accessories, fabric .....	4	10	8	61,128	22	53	124,552
5	Awnings, tents and sails .....	30	71	27	394,815	171	161	648,325
6	Bags, cotton and jute .....	14	53	23	463,542	125	234	706,070
7	Carpets, mats and rugs .....	3	19	23	143,654	172	115	566,902
8	Cordage, rope and twine .....	3	5	2	18,104	5	3	22,200
9	Embroidery, pleating, hemstitching, etc. ....	95	134	54	724,224	372	578	2,044,083
10	Oilcloth, linoleum and other coated fabrics .....	10	281	102	2,102,342	1,282	76	4,625,787
11	Miscellaneous textiles, n.e.s. ....	78	295	241	2,421,750	571	1,209	3,767,712
12	<b>Totals</b> .....	<b>417</b>	<b>5,033</b>	<b>2,551</b>	<b>33,424,893</b>	<b>21,104</b>	<b>9,888</b>	<b>76,513,258</b>
<b>6a. Knitting mills:</b>								
13	Hosiery .....	85	318	189	1,900,033	1,759	2,763	10,329,572
14	Knitted goods .....	81	401	264	2,643,450	1,307	3,366	8,900,730
15	<b>Totals</b> .....	<b>166</b>	<b>719</b>	<b>453</b>	<b>4,543,483</b>	<b>3,066</b>	<b>6,129</b>	<b>19,230,302</b>
<b>6b. Clothing:</b>								
Men's, women's and children's clothing:								
16	Clothing, children's, factory .....	138	328	248	2,619,174	1,042	4,133	9,721,282
17	Clothing, men's, factory .....	315	1,340	693	9,460,506	4,585	9,363	28,875,877
18	Clothing, women's, factory .....	425	1,239	940	10,719,271	3,196	12,112	32,868,584
19	Clothing contractors, men's .....	137	231	64	993,752	1,265	3,267	8,162,289
20	Clothing contractors, women's .....	125	153	48	649,269	280	2,665	4,614,758
Miscellaneous clothing:								
21	Corsets .....	23	193	334	1,732,528	233	1,711	3,128,715
22	Fur dressing and dyeing .....	9	56	10	465,668	542	81	1,841,516
23	Fur goods .....	285	561	112	2,488,682	1,222	679	5,284,779
24	Gloves and mittens, fabric .....	9	31	28	219,828	80	429	704,050
25	Hats and caps .....	70	198	110	1,359,952	615	1,163	3,818,735
26	Oiled and waterproofed clothing .....	7	31	10	244,946	89	171	626,763
27	Clothing, n.e.s. ....	47	116	78	823,909	199	564	1,444,542
28	<b>Totals</b> .....	<b>1,590</b>	<b>4,477</b>	<b>2,675</b>	<b>31,777,485</b>	<b>13,348</b>	<b>36,338</b>	<b>101,091,890</b>
<b>7. Wood products:</b>								
29	Furniture .....	642	1,493	424	7,185,915	8,959	541	24,837,868
Saw and planing mills:								
30	Flooring, hardwood .....	13	65	19	352,368	564	20	1,450,181
31	Sash, door and planing mills .....	772	1,168	117	3,652,693	4,296	57	9,911,399
32	Sawmills .....	1,431	1,837	90	3,002,006	6,662	26	14,112,078
33	Veneer and plywood .....	29	259	71	1,389,265	2,248	265	6,042,628
Other wood industries:								
34	Boxes and baskets, wood .....	50	90	21	350,323	754	33	1,702,361
35	Cooperage .....	6	6	1	31,537	49	-	132,183
36	Excelsior .....	3	5	1	19,024	25	7	62,753
37	Lasts, trees and shoe findings .....	8	38	26	243,559	257	120	820,723
38	Morticians' goods .....	22	52	10	226,410	368	47	980,228
39	Woodenware .....	16	38	6	177,694	291	124	710,272
40	Wood turning .....	39	81	20	320,323	465	55	1,022,329
41	Beekeepers' and poultrymen's supplies .....	1	181	57	1,049,603	494	36	1,320,119
42	Miscellaneous wood products, n.e.s. ....	65						
43	<b>Totals</b> .....	<b>3,097</b>	<b>5,313</b>	<b>863</b>	<b>18,000,720</b>	<b>25,432</b>	<b>1,333</b>	<b>63,105,122</b>
<b>8. Paper products:</b>								
44	Boxes and bags, paper .....	67	621	294	3,532,660	2,606	1,637	12,124,702
45	Pulp and paper .....	56	3,596	1,075	27,992,333	22,825	468	101,132,455
46	Roofing paper .....	8	482	205	3,484,065	713	41	2,303,080
47	Miscellaneous paper goods .....	70	273	168	2,105,740	984	736	4,477,401
48	<b>Totals</b> .....	<b>201</b>	<b>4,972</b>	<b>1,742</b>	<b>37,114,798</b>	<b>27,128</b>	<b>2,882</b>	<b>120,037,638</b>

<sup>1</sup> See footnote 1, Table 1, page 11.<sup>2</sup> Reported on a production basis.

TABLEAU 6. Principales statistiques de chacune des industries, 1957 — suite

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	Industries	N°
Total des employés	Total salaires et gages	Coût du combustible et de l'électricité	Coût à l'établissement des matières employées	Valeur ajoutée par la fabrication <sup>1</sup>	Valeur de vente des expéditions de la fabrique		
No. — nomb.							
dollars							
10,057	30,759,846	2,363,586	41,953,745	41,448,873	82,785,378		
1,542	4,820,142	724,573	3,068,058	7,697,151	11,062,324		
1,608	4,353,068	209,262	7,419,689	7,011,498	14,454,771		
93	185,680	6,486	574,604	560,486	1,226,598		
430	1,043,140	62,599	2,577,244	1,698,610	4,372,040		
435	1,169,612	45,428	7,931,097	1,922,946	9,903,463		
329	710,556	106,039	3,437,086	2,009,285	5,438,274		
15	40,304	2,239	103,542	99,206	198,367		
1,138	2,768,307	60,379	2,189,102	4,427,379	6,682,622		
1,741	6,728,129	451,033	13,513,561	13,434,385	27,046,014		
2,316	6,189,462	248,126	14,643,402	14,715,692	29,451,449		
38,556	109,938,151	8,276,501	221,511,275	174,141,468	400,213,353		
						Total	12
5,029	12,229,605	479,449	13,786,709	20,218,965	34,544,051		
5,338	11,544,180	402,276	29,142,253	21,213,980	49,314,604		
10,367	23,773,783	881,723	42,928,962	41,432,945	83,858,655		
						Total	15
5,751	12,340,456	187,434	27,573,070	19,727,043	47,394,350		
15,981	38,336,383	533,384	87,214,951	60,627,526	147,633,189		
17,487	43,587,855	488,029	95,369,384	76,449,469	172,068,261		
4,827	9,156,041	169,828	1,257,880	10,950,141	12,377,714		
3,146	5,264,027	104,741	566,146	6,564,570	7,231,272		
2,471	4,861,243	54,306	6,935,823	10,011,810	16,780,893		
689	2,307,184	83,878	784,727	3,450,690	4,321,853		
2,574	7,773,461	167,098	24,558,731	12,708,212	36,961,499		
568	923,878	16,757	1,723,162	1,904,573	3,576,256		
2,086	5,178,687	126,430	6,440,406	8,536,061	15,051,227		
301	871,709	10,890	1,771,798	1,716,250	3,471,525		
957	2,268,451	43,550	4,424,440	3,774,197	8,183,345		
56,838	132,869,375	1,986,323	258,620,518	216,420,542	473,051,384		
						Total	28
11,417	32,023,783	1,243,533	51,867,853	51,948,521	104,617,950		
668	1,802,549	117,298	4,139,843	2,909,987	6,998,374		
5,638	13,564,092	1,096,499	32,534,677	22,464,129	56,218,896		
8,615	17,114,084	1,130,384	54,638,552	32,279,461	88,048,397 <sup>2</sup>		
2,843	7,431,893	387,619	13,713,359	10,367,115	24,938,149		
898	2,052,684	158,189	2,969,123	2,998,187	6,129,443		
56	163,720	11,407	542,922	322,129	889,434		
38	81,777	10,065	84,508	102,177	197,059		
441	1,064,282	29,537	1,171,025	1,801,089	3,007,849		
477	1,206,638	66,792	1,500,758	1,708,723	3,271,470		
459	887,966	53,172	1,121,365	1,257,446	2,371,256		
621	1,342,652	85,985	2,131,944	2,077,163	4,292,286		
770	2,369,722	158,702	3,202,500	3,401,018	6,611,694		
32,941	81,105,842	4,549,183	169,638,429	133,637,145	307,792,257		
						Total	43
5,158	15,657,362	602,646	49,454,727	29,996,668	80,707,675		
27,964	129,124,788	49,122,795	257,397,691	292,451,948	596,214,819		
1,441	5,787,145	369,388	8,957,003	8,351,291	17,540,871		
2,161	6,583,141	240,540	19,344,370	14,392,720	34,011,863		
36,724	157,152,436	50,335,369	335,153,781	345,192,827	728,475,229		

<sup>1</sup> Voir renvoi 1, Tableau 1, page 11.<sup>2</sup> Fondé sur la production.

TABLE 6. Principal Statistics of the Individual Industries, 1957 - Continued

No.	Industries	Establishments Établissements	Supervisory and office employees Employés d'administration et de bureau			Production workers Travailleurs de la production		
			Male Hommes	Female Femmes	Salaries Salaire	Male Hommes	Female Femmes	Wages Gages
			No. - nomb.			No. - nomb.		
<b>9. Printing, publishing and allied industries:</b>								
1	Commercial printing:							
1	Printing and bookbinding .....	638	1,409	498	7,529,539	4,510	1,498	18,681,628
2	Trade composition .....	13	78	22	419,531	285	11	1,062,075
<b>10. Iron and steel products:</b>								
8	Agricultural implements .....	8	47	10	222,642	188	5	502,274
9	Boilers, tanks and platework .....	21	379	102	2,218,757	1,547	3	5,766,576
10	Bridge and structural steel work .....	14	997	204	6,986,920	4,114	-	16,273,728
11	Castings, iron .....	56	573	183	3,343,843	3,082	94	11,599,723
12	Hardware, tools and cutlery .....	82	420	200	2,962,125	1,862	287	6,792,788
13	Heating and cooking apparatus .....	21	353	130	1,958,263	1,381	8	4,270,095
14	Machinery, household, office and store .....	21	348	155	2,146,430	2,003	416	7,855,580
15	Machinery, industrial .....	60	2,398	764	12,460,450	5,916	67	22,291,292
16	Machine shops .....	150	416	74	1,785,000	1,628	14	5,328,825
17	Primary iron and steel .....	16	639	135	3,853,159	3,847	-	15,579,731
18	Sheet metal products .....	100	875	225	5,347,560	3,557	339	13,922,688
19	Wire and wire goods .....	36	456	196	3,155,512	2,220	165	8,874,783
20	Miscellaneous iron and steel products .....	136	593	93	3,085,247	2,231	58	6,529,745
21	<b>Totals</b> .....	<b>721</b>	<b>8,494</b>	<b>2,471</b>	<b>49,525,908</b>	<b>33,576</b>	<b>1,456</b>	<b>125,587,828</b>
<b>11. Transportation equipment:</b>								
22	Aircraft and parts .....	23	3,950	1,063	25,797,254	10,441	362	42,315,054
23	Boat building .....	35	40	6	127,951	121	-	285,331
24	Motor vehicles .....	3	181	37	804,003	319	3	1,220,915
25	Motor vehicle parts .....	30	72	17	430,316	386	21	1,263,908
26	Railway rolling stock .....	6	1,162	121	6,432,283	11,351	15	39,723,017
27	Shipbuilding .....	11	1,327	299	6,814,743	6,345	2	22,129,504
28	Miscellaneous transportation equipment .....	9	40	8	297,076	205	12	502,924
29	Bicycles and parts .....	2						
30	<b>Totals</b> .....	<b>119</b>	<b>6,772</b>	<b>1,551</b>	<b>40,703,626</b>	<b>29,168</b>	<b>415</b>	<b>107,440,653</b>
<b>12. Non-ferrous metal products:</b>								
31	Aluminum products .....	24	1,056	502	7,671,681	787	39	2,674,783
32	Brass and copper products .....	40	475	166	3,205,264	2,047	66	7,855,818
33	Jewellery and silverware .....	86	214	93	1,191,306	795	517	3,099,363
34	Non-ferrous metal smelting and refining .....	10	2,030	243	11,362,646	8,027	15	33,292,676
35	White metal alloys .....	19	82	28	535,688	349	30	1,381,444
36	Miscellaneous non-ferrous metal products .....	13	20	8	173,580	77	7	223,597
37	<b>Totals</b> .....	<b>192</b>	<b>3,877</b>	<b>1,040</b>	<b>24,140,165</b>	<b>12,082</b>	<b>674</b>	<b>48,527,681</b>
<b>13. Electrical apparatus and supplies:</b>								
38	Batteries .....	4	36	17	425,608	151	13	610,755
39	Refrigerators, vacuum cleaners and appliances .....	13	341	175	2,297,156	1,129	160	4,121,677
40	Machinery, heavy, electrical .....	12	329	125	2,392,849	887	171	3,437,154
41	Telecommunication equipment .....	28	2,059	609	13,765,461	2,091	872	8,498,771
42	Miscellaneous electrical apparatus and supplies .....	42	3,179	1,137	20,256,645	6,946	3,679	38,382,436
43	<b>Totals</b> .....	<b>99</b>	<b>5,944</b>	<b>2,063</b>	<b>39,137,719</b>	<b>11,204</b>	<b>4,895</b>	<b>55,050,793</b>
<b>14. Non-metallic mineral products:</b>								
44	Abrasives, artificial .....	5	34	10	251,525	347	-	1,541,743
45	Asbestos products .....	5	227	86	1,215,781	946	147	3,708,696
46	Cement, hydraulic .....	4	87	14	519,873	874	-	3,939,760
47	Clay products from domestic clay .....	14	106	15	560,787	888	-	3,096,059
48	Clay products from imported clay .....	11	74	28	470,524	462	95	2,030,656
49	Concrete products .....	220	507	79	2,167,456	2,776	9	9,111,780
50	Glass and glass products .....	42	355	211	2,228,839	1,935	276	7,457,637
51	Lime .....	9	21	2	81,067	260	-	896,923
52	Stone products .....	46	67	10	282,426	266	-	728,880

<sup>1</sup> See footnote 1, Table 1, page 11.<sup>2</sup> Reported on a production basis.

TABLEAU 6. Principales statistiques de chacune des industries, 1957 - suite

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	Industries	N°
	Total salaires et gages	Coût du combustible et de l'électricité	Coût à l'établissement des matières employées	Valeur ajoutée par la fabrication <sup>1</sup>	Valeur de vente des expéditions de la fabrique		
No. — nombr.			dollars				
7,915 396	26,211,167 1,481,606	678,681 24,498	24,921,108 159,168	41,521,993 2,288,764	66,977,222 2,472,465		
1,019 883	4,646,111 3,654,379	94,390 90,511	1,824,140 6,156,669	6,847,484 6,662,875	8,760,088 12,630,096		
7,140 3,285	28,376,281 9,137,907	493,156 —	22,165,858 16,036,606	52,947,873 22,588,972	75,562,618 38,625,578 <sup>2</sup>		
20,638	73,507,451	1,381,236	71,263,549	132,857,961	205,028,067		
250	724,916	35,482	728,729	1,065,913	1,821,291		
2,031	7,985,333	307,900	16,080,031	13,252,602	29,663,980		
5,315	23,260,648	652,488	38,271,105	30,104,470	69,028,063 <sup>2</sup>		
3,932	14,943,566	974,641	21,464,135	24,292,143	46,166,960		
2,769	9,754,913	464,986	11,033,640	20,761,089	32,049,926		
1,872	6,228,358	281,091	10,497,877	12,017,196	22,290,622		
2,922	10,002,010	430,420	14,091,404	14,643,663	28,307,316		
9,145	34,751,742	1,018,378	47,362,001	66,726,795	111,807,086		
2,132	7,113,825	314,221	7,580,195	9,413,473	17,087,836		
4,621	19,432,890	4,264,623	32,097,677	47,033,842	82,580,076		
4,996	19,270,248	780,071	37,249,284	35,111,708	74,248,554		
3,037	12,030,295	687,653	27,131,666	20,564,157	47,998,835		
3,975	9,614,992	624,999	11,673,873	19,732,832	30,045,663		
45,997	175,113,736	10,836,953	275,261,617	314,719,883	593,096,208		
15,816	68,112,308	1,512,336	55,738,069	104,422,789	161,673,194 <sup>2</sup>		
187	413,282	16,133	520,957	646,633	1,173,083		
540	2,024,918	41,825	3,971,049	1,102,804	5,185,616		
496	1,694,224	112,800	2,412,720	2,582,200	5,066,062		
12,649	46,155,300	2,085,328	104,999,779	61,159,451	168,244,558 <sup>2</sup>		
7,973	28,944,247	837,997	32,585,379	38,159,414	71,582,790 <sup>2</sup>		
265	800,000	30,808	1,198,749	2,175,023	3,516,054		
37,906	148,144,279	4,637,227	201,426,702	210,248,314	416,441,357		
2,384	10,346,464	413,302	22,393,495	8,608,546	31,217,678		
2,754	11,061,082	859,754	44,177,297	21,119,477	66,387,669		
1,619	4,290,669	85,896	5,645,201	7,667,018	13,294,964		
10,315	44,655,322	28,644,434	285,771,624	143,437,922	457,853,980 <sup>2</sup>		
489	1,917,132	138,094	7,851,094	2,924,360	10,818,553		
112	397,177	25,208	499,789	581,347	1,112,483		
17,673	72,667,846	30,166,688	386,338,500	184,338,670	580,685,327		
217	1,036,363	71,784	2,881,177	1,906,558	4,541,791		
1,805	6,418,833	450,828	13,922,244	10,567,653	23,905,356		
1,512	5,830,003	138,132	7,904,168	10,734,016	18,028,755		
5,631	22,264,232	242,580	24,770,930	21,387,180	45,424,787		
14,941	58,639,081	1,633,464	81,023,908	100,040,760	184,176,139		
24,106	94,188,512	2,536,788	130,502,427	144,636,167	276,076,828		
391	1,793,268	1,758,584	3,142,244	3,964,838	8,923,822		
1,406	4,924,477	532,972	8,422,739	7,394,219	16,174,656		
975	4,459,633	6,400,992	4,902,271	20,126,874	31,430,137		
1,009	3,656,846	1,572,030	322,375	7,004,450	8,898,855		
659	2,501,180	369,374	1,657,091	5,447,914	7,183,861		
3,371	11,279,238	1,903,319	24,224,348	21,248,222	47,367,268		
2,777	9,686,476	2,290,172	9,541,320	14,547,112	26,014,397		
183	977,990	959,461	373,114	3,253,110	4,585,685 <sup>2</sup>		
343	1,011,306	92,253	1,445,388	1,646,439	3,199,946		

<sup>1</sup> Voir renvoi 1, Tableau 1, page 11.<sup>2</sup> Fondé sur la production.

TABLE 6. Principal Statistics of the Individual Industries, 1957 - Concluded

No.	Industries	Establishments Établissements	Supervisory and office employees Employés d'administration et de bureau			Production workers Travailleurs de la production										
			Male Hommes	Female Femmes	Salaries Salaires	Male Hommes	Female Femmes	Wages Gages								
			No. - nomb.			No. - nomb.										
<b>14. Non-metallic mineral products - Concluded:</b>																
Other non-metallic mineral industries:																
1 Gypsum products .....	2	14	129	34	780,109	583	25	2,215,327								
2 Sand-lime brick .....	1															
3 Miscellaneous non-metallic mineral products .....	14															
4 <b>Totals</b> .....	373		1,607	489	8,558,389	9,337	552	34,727,461								
<b>15. Products of petroleum and coal:</b>																
5 Coke and gas products .....	5	5	109	28	658,686	455	—	1,733,531								
6 Petroleum products .....	8															
7 Miscellaneous products of petroleum and coal .....	5		21	5	5,139,220 102,336	1,963 57	9	10,554,025 222,769								
8 <b>Totals</b> .....	18		890	153	5,900,242	2,475	9	12,510,325								
<b>16. Chemicals and allied products:</b>																
9 Acids, alkalies and salts .....	17	17	1,073	337	7,570,518	2,830	4	12,497,017								
10 Fertilizers .....	7															
11 Medicinal and pharmaceutical preparations .....	88															
12 Paints, varnishes and lacquers .....	37															
13 Primary plastics .....	8															
14 Soaps, washing compounds and cleaning preparations .....	48															
15 Toilet preparations .....	32															
Other chemical industries:																
16 Adhesives .....	10	10	36	33	248,403	63	1	231,480								
17 Gases, compressed .....	15															
18 Inks .....	7															
19 Polishes and dressings .....	12															
20 Miscellaneous chemical products .....	87															
21 Coal tar distillation .....	2															
22 Vegetable oils .....	2															
23 <b>Totals</b> .....	372		5,864	2,930	41,922,302	10,560	2,481	45,246,418								
<b>17. Miscellaneous industries:</b>																
24 Brooms, brushes and mops .....	41	10	80	30	414,245	254	105	639,533								
25 Clocks, watches and watch cases .....	19															
26 Fountain pens and pencils .....	8															
27 Instruments and related products .....	21															
28 Musical instruments .....	8															
29 Ophthalmic goods .....	8															
30 Orthopaedic and surgical appliances .....	7															
31 Plastics products .....	60															
32 Sporting goods .....	25															
33 Toys and games .....	16															
Other miscellaneous industries:																
34 Artificial flowers and feathers .....	25	10	32	22	182,674	94	154	453,728								
35 Buttons, buckles and fasteners .....	33															
36 Candles .....	15															
37 Hair goods .....	4															
38 Ice, artificial .....	5															
39 Lamps, electric and lamp shades .....	38															
40 Models and patterns, excluding paper .....	15															
41 Pipes, lighters and smokers' supplies .....	7															
42 Signs, electric, neon and other .....	65															
43 Stamps and stencils, rubber and metal .....	15															
44 Statuary, art goods, regalia and novelties .....	45															
45 Umbrellas .....	4															
46 Typewriter supplies .....	2															
47 Miscellaneous industries n.e.s. ....	11															
48 <b>Totals</b> .....	487		1,704	764	10,719,949	5,573	2,955	20,919,919								
49 <b>Grand totals, all industries</b> .....	12,250		71,762	27,185	435,933,580	257,141	93,315	1,041,894,734								

<sup>1</sup> See footnote 1, Table 1, page 11.<sup>2</sup> Reported on a production basis.

TABLEAU 6. Principales statistiques de chacune des industries, 1957 - fin

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	Industries	N°		
	Total salaries and gages	Coût du combustible et de l'électricité	Coût à l'établissement des matières employées	Valeur ajoutée par la fabrication <sup>1</sup>	Valeur de vente des expéditions de la fabrique				
dollars									
N°.									
Nombr.									
771	2,995,436	750,698	9,256,792	10,462,966	20,157,777	14. Produits des minéraux non métalliques - fin:			
11,985	43,285,850	16,629,853	63,289,682	95,096,144	173,936,404	Autres produits divers des minéraux non métalliques: Produits du gypse ..... Brique de chaux et sable ..... Produits divers des minéraux non métalliques .....	1 2 3		
592	2,392,217	1,807,701	10,257,120	6,912,966	18,977,787 <sup>2</sup>	Total .....	4		
2,852	15,693,245	19,599,654	300,825,529	180,498,932	500,924,115 <sup>2</sup>	Produits du coke et du gaz ..... Produits du pétrole ..... Produits divers du pétrole et du charbon .....	5 6 7		
83	325,105	63,223	678,072	741,867	1,439,915				
3,527	18,410,567	21,470,578	311,760,721	188,153,765	521,341,817	15. Dérivés du pétrole et du charbon:			
4,244	20,067,535	7,523,673	36,144,384	28,154,629	80,285,049	Produits du coke et du gaz ..... Produits du pétrole ..... Produits divers du pétrole et du charbon .....	5 6 7		
361	1,602,192	79,479	5,900,799	3,315,774	8,902,655				
4,009	14,647,664	633,326	20,677,897	42,082,965	62,921,136	16. Produits chimiques et parachimiques:			
2,329	9,265,943	278,095	20,270,561	19,553,808	40,277,808	Acides, alcalis et selsa ..... Engrais ..... Préparations médicinales et pharmaceutiques .....	9 10 11		
1,976	9,197,597	846,941	18,921,676	16,914,824	36,377,069	Peintures, vernis et laques ..... Plastiques primaires .....	12 13		
592	1,856,617	130,551	4,122,284	5,741,248	9,969,657	Savons, préparations de blanchissage et nettoyage, préparations de toilette .....	14 15		
882	2,833,473	45,984	7,085,611	13,122,606	20,217,278				
133	477,883	47,527	1,623,128	1,458,489	3,137,698	Autres industries chimiques: Adhésifs ..... Gaz comprimés .....	16 17		
341	1,316,441	219,218	962,247	5,971,508	7,155,997	Encres ..... Encre ..... Polis et enduits .....	18 19 20		
113	369,266	17,673	792,082	954,328	1,788,115	Produits chimiques divers .....	21		
215	760,457	41,876	2,893,524	2,741,010	5,670,909	Distillation du coltar .....	22		
6,369	23,362,025	2,028,970	44,203,697	30,926,433	78,830,645	Huiles végétales .....			
271	1,411,627	160,756	7,922,890	2,077,094	10,366,496	Total .....	23		
21,835	87,168,720	12,054,069	171,520,780	183,014,716	365,900,512	17. Industries diverses:			
469	1,053,778	41,587	2,085,439	1,767,373	3,871,010	Balais, brosses et vadrouilles .....	24		
206	721,343	13,118	2,275,804	1,505,127	3,681,014	Horloges, montres et bottiers .....	25		
471	1,280,763	25,666	2,743,436	2,980,736	5,656,035	Stylographes et crayons .....	26		
1,780	7,136,963	102,019	8,292,343	10,484,518	18,622,514	Instruments et produits assimilés .....	27		
598	1,776,906	50,437	1,510,473	3,492,926	4,998,644	Instruments de musique .....	28		
238	598,097	22,007	785,075	939,474	1,845,261	Articules d'ophtalmologie .....	29		
34	119,109	2,622	81,825	238,635	322,081	Appareils d'orthopédie et de chirurgie .....	30		
1,491	4,225,573	277,150	10,691,349	9,410,544	20,212,105	Articles en plastique .....	31		
520	1,188,029	58,729	1,426,666	1,839,820	3,229,462	Articles de sport .....	32		
591	1,323,550	81,133	2,311,979	2,660,125	5,045,798	Jouets et Jeux .....	33		
302	636,402	15,652	809,805	940,975	1,775,978	Autres industries diverses: Plumes et fleurs artificielles .....	34		
889	2,068,491	62,869	3,252,872	3,506,371	6,735,869	Boutons, boucles et agrafes .....	35		
230	637,221	53,251	1,260,244	1,500,453	2,761,349	Cierges et chandelles .....	36		
29	61,440	1,875	206,136	67,872	293,182	Articles en cheveux .....	37		
59	187,078	97,519	84,085	600,561	790,095	Glace artificielle .....	38		
603	1,369,094	44,835	3,190,504	2,437,652	5,641,710	Lampes électriques et abat-jour .....	39		
103	391,791	14,421	167,463	535,887	723,953	Modèles et patrons, autres qu'en papier .....	40		
38	91,688	5,635	88,493	110,476	230,825	Pipes, briques et autres articles de fumeur .....	41		
713	2,460,547	141,385	1,997,789	4,240,213	6,319,728	Enseignes électriques, au néon et autres .....	42		
148	511,318	13,486	314,062	725,113	1,056,919	Estampes et stencils, caoutchouc et métal .....	43		
363	842,348	36,097	685,785	1,309,128	2,020,831	Statues, objets d'art et nouveautés .....	44		
75	134,849	5,797	347,817	185,747	580,461	Parapluies .....	45		
1,046	2,823,490	82,564	2,389,328	5,185,236	7,407,152	Fournitures pour dactylographes .....	46		
10,996	31,639,868	1,249,854	46,998,772	58,664,962	103,821,976	Industries diverses n.a.e. ....	47		
449,383	1,477,828,336	187,181,272	3,570,908,799	2,947,897,608	6,679,595,056	Total toutes industries .....	49		

<sup>1</sup> Voir renvoi, Tableau 1, page 11.<sup>2</sup> Fondé sur la production.

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