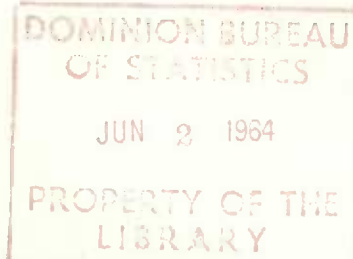


CATALOGUE No.

47-205

ANNUAL



MISCELLANEOUS MANUFACTURING INDUSTRIES

1961

The list of firms normally included in this report has been omitted from this issue, along with certain tables. See introductory text for details.

ANNUAL CENSUS OF MANUFACTURES

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- ^p preliminary figures.

EXPLANATORY NOTES

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

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

Period Covered

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

Establishment

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

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

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

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

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

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

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

Employees

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

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

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

Salaries and Wages

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

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

Cost of Fuel and Electricity

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

Materials and Supplies Used

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

Factory Shipments

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

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

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

Inventories

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

Value added by Manufacturing

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

Standard Industrial Classification

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

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

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

Short Forms

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

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

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

MISCELLANEOUS MANUFACTURING INDUSTRIES

1961

The implementation of the revised Standard Industrial Classification for the 1960 survey brought about certain changes in the composition of this Industrial Group. In this 1960 survey, the opportunity was also taken to publish new and separate reports covering various industries in this group, which had been previously included in this particular report. These changes were outlined in full detail in the preface to the 1960 report in this series to which interested readers are referred. Finally, as outlined in this 1960 report, the Fur Dressing and Dyeing Industry has been included in this particular report for 1961.

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about certain revisions to this Industrial Group. This implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics of those industries within this group, which are covered separately within this report, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

The inclusion of the Fur Dressing and Dyeing Industry for 1961 has raised the number of industries treated separately in this report to eleven as follows:

	Page
Artificial flowers and feathers.....	11
Artificial ice.....	12
Candles.....	13
Fur dressing and dyeing.....	15
Hair goods.....	16
Models and patterns.....	18
Smokers' supplies.....	19
Stamps and stencils.....	19
Statuary, art goods and novelties.....	21
Umbrellas.....	22
Miscellaneous.....	23

Tables 1 to 3, inclusive, of this report cover this industrial group as a whole. Table 1 A shows the principal statistics of the group on the previous basis for the years 1926 to 1959, inclusive, and on the revised basis for the years 1957 to 1961, inclusive. However, since the Dental Laboratories industry was first surveyed in 1960, the principal statistics of this industry have not been shown in Table 1 A and have been presented separately in Table 1 B in order to preserve historical continuity. In order to achieve the same purpose, the principal statistics of this industry have been excluded from Table 2 and the 1961 inventories of this industry from Table 3, as reflected in the appropriate footnotes thereto.

As a result of increased work loads and staff shortages, it has been necessary to suspend publication of certain tables normally contained in this report. It is planned to resume publication of these tables in the 1962 reports. The tables affected are the following: List of firms for all industries; and, where applicable, Import and Export tables.

TABLE 1A. Principal Statistics of the Miscellaneous Industries Group,¹ 1926-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ²
Basis: Standard Industrial Classification in use prior to 1960							
	number				dollars		
1926	393	10,032	11,309,121	581,014	18,061,371	22,939,666	41,582,051
1929	421	10,786	12,457,989	524,317	22,495,351	28,188,068	51,207,736
1933	459	8,351	7,810,976	466,678	9,497,751	14,174,498	24,138,927
1937	545	11,699	11,936,704	651,462	17,792,121	22,807,498	41,251,081
1939	566	12,280	13,045,929	576,340	18,308,810	24,508,056	43,393,206
1942	657	22,474	27,202,456	1,226,613	49,292,782	46,918,549	97,437,944
1945	692	24,024	37,187,275	1,403,334	83,549,139	59,571,126	144,523,599
1948	814	22,315	40,906,054	1,598,001	48,007,617	75,510,756	125,116,374
1949	893	26,401	51,147,475	1,985,068	59,778,187	94,600,066	156,363,321
1950	1,007	27,219	56,409,875	2,214,533	67,469,334	99,628,735	169,312,602
1951	1,173	28,756	66,908,755	2,612,594	87,292,415	120,899,546	210,804,555
1952	1,313	29,833	74,133,582	2,867,401	87,550,232	135,203,233	225,620,866
1953	1,350	32,223	85,954,495	3,051,957	103,467,901	154,763,033	261,282,891
1954	1,360	31,071	85,748,818	3,354,557	102,179,368	149,157,222	252,306,085
1955	1,524	31,511	89,239,630	3,665,780	114,448,353	164,876,649	283,147,866
1956	1,556	33,432	100,348,480	4,109,544	138,869,722	187,988,792	326,580,013
1957	1,579	34,942	109,881,191	4,527,934	148,659,593	206,433,400	355,013,423
1958	1,599	36,002	119,980,755	4,569,197	170,066,471	220,598,291	393,572,590
1959	1,563	37,886	131,381,678	4,910,231	185,235,197	246,238,538	432,428,521
Basis: Revised Standard Industrial Classification and New Establishment Concept ⁴							
	number				dollars		
1957	1,791	40,318	127,802,526	4,882,053	176,475,780	243,874,325	409,582,628
1958	1,802	41,010	136,663,251	4,877,061	195,988,813	272,162,394	441,650,675
1959	1,766	42,758	148,988,584	5,124,899	215,083,610	272,162,394	486,950,473
1960							
Canada	1,881	44,207	160,823,322	5,275,204	231,039,066	279,428,432	511,810,029
Newfoundland and Prince Edward Island	5	60	168,738	8,903	213,788	223,804	448,421
Nova Scotia	19	128	405,385	64,140	328,785	769,303	1,160,412
New Brunswick	17	350	1,121,401	71,628	1,308,757	1,751,470	2,936,443
Quebec	598	13,433	44,850,368	1,486,095	65,420,325	79,495,065	144,519,924
Ontario	923	27,529	104,220,139	3,296,973	152,917,691	180,777,404	335,033,708
Manitoba	69	901	2,926,279	93,908	4,624,588	5,127,762	9,709,479
Saskatchewan	17	109	370,400	11,705	421,838	595,170	1,030,977
Alberta	76	510	1,949,038	76,369	1,572,223	3,198,615	4,927,419
British Columbia	157	1,187	4,811,574	165,483	4,231,071	7,489,839	12,043,246
1961							
Canada	1,928	46,289	171,877,519	5,704,613	263,868,974	309,523,448	574,812,594
Newfoundland and Prince Edward Island	5	62	191,392	10,699	217,595	285,409	507,173
Nova Scotia	20	137	418,857	66,912	301,884	767,836	1,141,673
New Brunswick	16	382	1,235,410	73,012	1,658,926	2,244,758	3,765,258
Quebec	601	13,831	46,357,993	1,600,339	72,398,090	82,909,190	157,992,456
Ontario	948	29,023	113,006,764	3,560,302	176,915,409	205,555,506	381,388,665
Manitoba	69	920	2,915,128	107,582	4,876,222	5,218,776	10,115,146
Saskatchewan	21	125	421,701	10,250	475,890	654,693	1,116,500
Alberta	84	548	2,123,789	88,379	2,099,395	3,960,222	5,946,468
British Columbia	164	1,261	5,206,485	187,138	4,925,563	7,927,058	12,839,255

¹ For purposes of historical comparison, does not include Dental Laboratories which were first surveyed in 1960. See Table 1B.

² Figures up to and including 1951 represent the value of production.

³ Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

⁴ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

TABLE 1 B. Principal Statistics, Dental Laboratories,¹ 1960 and 1961

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
	number		dollars				
1960.....	499	1,720	6,736,498	106,120	2,690,692	9,338,549	12,114,820
1961.....	525	1,825	7,237,610	131,247	2,967,178	9,931,000	13,032,809

¹ First surveyed in 1960: not included in Table 1A.TABLE 2. Principal Statistics of the Industries Comprising the Miscellaneous Industries Group,¹ 1960 and 1961

Basis: Revised Standard Industrial Classification and New Establishment Concept

Industry	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
	number		dollars				
1960							
Artificial flowers and feathers	33	431	1,035,547	20,239	985,662	1,507,831	2,587,258
Artificial ice	29	221	772,717	253,079	151,992	1,329,725	1,731,681
Broom, brush and mop.....	99	2,123	6,533,518	187,125	8,790,263	11,930,964	20,901,710
Button, buckle and fastener.....	42	1,509	4,828,803	132,963	5,800,244	7,839,951	13,867,125
Candle.....	17	243	832,102	55,156	1,169,589	1,698,223	2,964,400
Clock and watch	28	1,027	3,914,449	55,282	7,803,030	8,037,957	15,477,452
Fountain pen and pencil.....	19	1,101	3,716,510	85,024	5,912,214	7,656,111	13,939,973
Fur dressing and dyeing.....	16	986	3,629,375	124,567	1,000,856	5,670,920	6,774,986
Hair goods	11	59	173,585	4,592	215,158	269,138	485,588
Instrument and related products	82	7,299	33,429,475	736,209	48,050,289	56,555,467	103,872,960
Jewellery and silverware	218	4,189	15,017,271	352,276	28,903,998	24,816,572	53,671,732
Model and pattern	92	853	3,977,492	90,235	1,632,224	7,012,901	8,652,609
Musical instrument and sound re- cording	28	1,502	5,697,004	193,954	5,932,430	13,489,601	19,644,578
Ophthalmic goods	43	1,069	3,502,125	87,793	3,119,740	3,717,951	6,864,423
Orthopaedic and surgical appli- ance.....	37	346	1,094,125	28,136	892,087	1,478,018	2,395,817
Plastics fabricators n.e.s.	249	6,293	21,074,649	1,150,462	47,394,994	41,097,906	88,345,157
Signs and displays	346	3,816	15,609,940	525,360	12,927,818	24,222,991	37,778,745
Smokers' supplies	11	140	454,501	17,773	886,583	1,034,152	1,995,884
Sporting goods	107	3,451	12,356,571	417,248	16,890,970	20,793,066	37,642,356
Stamp and stencil (rubber and metal)	70	1,006	3,939,299	112,023	2,430,428	5,492,113	8,018,658
Statuary, art goods, regalia and novelty	90	768	2,154,080	69,312	2,106,864	3,076,232	5,283,137
Toys and games.....	71	2,782	7,123,806	251,769	12,898,501	12,170,419	24,996,422
Typewriter supplies	10	434	1,590,504	55,903	3,646,747	3,000,481	6,626,260
Umbrella	8	114	330,781	8,799	539,192	528,980	1,063,526
Venetian blind.....	72	367	1,043,183	57,789	1,831,547	1,670,873	3,574,029
Miscellaneous	53	2,078	6,991,910	202,136	9,125,646	13,329,889	22,653,563
Totals	1,881	44,207	160,823,322	5,275,204	231,039,066	279,428,432	511,810,029

¹ Does not include Dental Laboratories, first surveyed in 1960. See Table 1B.

TABLE 2. Principal Statistics of the Industries Comprising the Miscellaneous Industries Group,¹ 1960 and 1961 — Concluded

Basis: Revised Standard Industrial Classification and New Establishment Concept

Industry	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
1961	number		dollars				
Artificial flowers and feathers	32	395	961,349	20,725	974,419	1,703,644	2,628,200
Artificial ice	30	217	721,146	235,491	191,833	1,292,049	1,725,721
Broom, brush and mop	96	2,118	6,591,273	199,276	10,200,243	12,809,244	22,575,747
Button, buckle and fastener	40	1,559	4,830,623	138,545	5,985,160	8,088,884	14,158,425
Candle	16	239	833,329	45,039	1,247,172	1,840,998	3,089,315
Clock and watch	27	1,036	3,892,507	61,083	7,980,252	8,243,101	16,422,305
Fountain pen and pencil	18	1,082	3,730,200	90,780	6,445,089	8,349,738	15,051,086
Fur dressing and dyeing	15	972	3,743,378	119,508	1,265,565	5,448,617	6,833,867
Hair goods	11	68	168,109	4,340	269,483	213,669	485,477
Instrument and related products	93	7,961	37,624,015	759,095	59,703,525	63,860,750	123,467,602
Jewellery and silverware	225	4,469	15,840,472	378,943	29,646,657	25,987,264	55,676,781
Model and pattern	86	992	4,503,500	93,740	2,229,558	7,654,808	9,804,880
Musical instrument and sound re- cording	30	1,591	6,027,819	201,891	6,365,694	15,002,671	21,428,010
Ophthalmic goods	47	962	3,171,741	87,525	3,184,728	4,110,465	7,560,456
Orthopaedic and surgical appli- ance	37	330	1,127,417	28,567	938,874	1,963,492	2,878,044
Plastics fabricators n.e.s.	278	7,552	26,132,658	1,429,299	58,119,620	50,110,240	109,179,817
Signs and displays	367	3,847	16,085,454	587,610	13,989,388	26,145,467	40,161,756
Smokers' supplies	10	143	514,481	16,258	1,105,408	1,188,046	2,322,476
Sporting goods	107	3,440	12,736,877	442,993	19,640,754	24,393,535	43,280,687
Stamp and stencil (rubber and metal)	70	859	3,396,931	103,778	1,851,842	4,602,233	6,536,292
Statuary, art goods, regalia and novelty	87	768	2,196,903	63,248	2,005,813	3,429,538	5,442,599
Toys and games	73	2,831	7,467,934	264,407	14,820,448	14,397,393	29,614,301
Typewriter supplies	10	438	1,640,369	57,879	3,870,689	3,035,094	6,953,200
Umbrella	8	127	367,055	9,486	659,263	603,705	1,307,754
Venetian blind	69	350	1,034,161	56,750	2,142,533	2,018,770	4,204,928
Miscellaneous	46	1,943	6,537,818	208,357	9,034,964	13,030,033	22,022,868
Totals	1,928	46,289	171,877,519	5,704,613	263,868,974	309,523,448	574,812,594

¹ Does not include Dental Laboratories, first surveyed in 1960. See Table 1B.

TABLE 3. Inventories^{1,2} of the Miscellaneous Industries Group, 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:³				
Newfoundland and Prince Edward Island	78,399	520	4,975	83,894
Nova Scotia	140,920	14,265	16,708	171,893
New Brunswick	398,561	386,785	518,801	1,304,147
Quebec	16,957,135	6,347,961	9,907,601	33,212,697
Ontario	32,911,909	18,376,161	25,314,031	76,602,101
Manitoba	793,823	188,480	522,524	1,504,827
Saskatchewan	87,465	12,345	21,061	120,871
Alberta	400,081	76,816	217,326	694,223
British Columbia	1,013,458	174,175	445,677	1,633,310
Canada	52,781,751	25,577,508	36,968,704	115,327,963
Closing:				
Newfoundland and Prince Edward Island	76,052	4,561	7,464	88,077
Nova Scotia	88,420	13,384	12,548	114,352
New Brunswick	492,006	450,707	666,317	1,609,030
Quebec	17,563,516	5,250,099	9,920,626	32,734,241
Ontario	36,993,700	21,463,189	26,869,565	85,326,454
Manitoba	780,057	205,409	593,029	1,578,495
Saskatchewan	99,967	36,268	21,471	157,706
Alberta	475,634	116,654	379,016	971,304
British Columbia	1,060,184	302,041	518,314	1,880,539
Canada	57,629,536	27,842,312	38,988,350	124,460,198

¹ Does not include Dental Laboratories, first surveyed in 1960.

² Book value of all manufacturing inventories held at plant and plant warehouses.

³ The opening inventory for 1961 differs from the closing inventory for 1960 because of the receipt of revised data, the inclusion of new establishments, the removal of figures for establishments which did not operate in 1961, changes in classification, and the implementation of the New Establishment Concept.

ARTIFICIAL FLOWERS AND FEATHERS MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 4 below.

The shipments by the industry for 1961 are given in Table 5 below. However, since one of the

results of the 1961 approach was to transfer out of the Census of Manufactures some firms making artificial flowers and feathers, the shipments of these products by all industries for 1961 have been shown as a footnote to this table.

TABLE 4. Principal Statistics, Artificial Flowers and Feathers Manufacturers, Representative Years, 1927-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use up to and including 1960							
	number				dollars		
1927	7	166	127,924	654	161,121	261,666	423,441
1932	4	99	57,640	527	40,204	76,940	117,671
1937	19	350	201,689	1,566	170,919	354,405	526,890
1939	23	490	314,374	3,284	342,485	450,620	796,389
1942	26	657	521,455	8,519	450,047	723,398	1,181,964
1945	30	689	706,074	8,193	796,486	1,293,186	2,097,865
1946	35	749	827,817	10,269	867,783	1,440,324	2,318,376
1947	41	687	796,704	12,351	680,430	1,250,543	1,943,324
1948	36	710	888,196	16,427	888,275	1,444,082	2,348,784
1949	38	677	915,935	12,761	1,133,009	1,570,532	2,716,302
1950	38	709	957,887	12,195	960,508	1,688,243	2,660,946
1951	39	676	996,264	12,912	1,050,488	1,676,903	2,740,303
1952	42	573	875,051	13,390	1,054,829	1,607,121 ²	2,675,340
1953	45	516	926,600	18,292	1,076,417	1,665,843 ²	2,760,552
1954	43	503	931,675	27,228	952,970	1,596,385	2,558,585
1955	44	468	904,149	28,883	993,903	1,508,317	2,530,755
1956	40	480	886,218	27,148	1,043,393	1,510,570	2,556,704
1957	42	491	1,036,607	27,487	1,123,129	1,727,223	2,865,924
1958	42	494	1,090,798	25,638	1,345,310	1,927,031	3,268,094
1959	38	488	1,148,039	20,622	966,390	2,383,636	3,364,737
1960	35	493	1,297,893	26,368	1,326,952	2,116,332	3,541,178
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number				dollars		
1957	40	433	883,372	23,927	993,218	1,510,180	2,515,806
1958	40	435	965,895	22,713	1,215,710	1,678,696	2,887,595
1959	36	429	992,555	17,200	885,909	1,773,272	2,672,470
1960	33	431	1,035,547	20,239	985,662	1,507,831	2,587,258
1961							
Canada	32	395	961,349	20,725	974,419	1,703,644	2,628,200
Quebec	19	212	511,958	12,038	544,137	1,016,053	1,528,947
Ontario	12	183	449,391	8,687	430,282	687,591	1,099,253
Manitoba	1						

¹ Figures up to and including 1951 represent the value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufacturers has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

TABLE 5. Factory Shipments, Artificial Flowers and Feathers Manufacturers, 1961

Products	Value
	\$
Artificial flowers:	
Silk, velvet and cotton	620,150
Crepe paper and other	1, ¹
Feathers, all kinds	1, ²
Feather trimmings	84,133
Wreaths, decorative and memorial	381,917
All other products	1,557,400
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above	15,400
Total value of shipments and work done	2,628,200

¹ Included in "All other products".² The preliminary 1961 shipments of artificial flowers and feathers, by all industries, were as follows:

Artificial flowers, crepe paper and other	\$534,204
Feathers, all kinds	\$247,411

ARTIFICIAL ICE MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 6 below.

In implementing the new concept for the 1961 survey of this industry, many firms were transferred out of this industry to either the Transportation field or to Merchandising since their primary activity was, in the first instance, the provision of commercial or industrial cold storage facilities and, in the second instance, the wholesaling of fuel oil, etc.

However, as outlined in the "Explanatory Notes" to this report, special 1961 commodity schedules were sent to all such firms in order to obtain their shipments of artificial ice in this year. It can, therefore, be stated that the shipments of such ice in 1961 by all industries amounted to 333,447 tons valued at \$2,339,070 as opposed to the comparable 1960 industry total of 375,705 tons valued at \$2,624,447. On the other hand, it should be noted that these shipment figures do not include ice manufactured in self-service ice-manufacturing machines, now commonly found in many hotels, motels, etc., in Canada.

TABLE 6. Principal Statistics, Artificial Ice Manufacturers, Representative Years, 1927 - 61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use up to and including 1960							
	number				dollars		
1927	28	279	402,292	145,570	60,682	1,066,716	1,272,968
1929	31	303	408,581	158,197	76,919	1,247,662	1,482,778
1931	43	394	539,316	191,607	78,334	1,703,365	1,973,306
1933	43	358	421,567	169,967	51,325	1,281,948	1,503,240
1937	50	629	644,763	179,592	76,923	1,522,794	1,779,309
1939	49	643	704,951	196,530	74,341	1,622,292	1,893,163
1941	51	626	743,548	228,160	99,404	1,907,560	2,235,124
1945	56	871	1,335,515	305,519	125,792	3,190,353	3,621,664
1947	60	803	1,461,664	350,669	169,545	4,213,749	4,733,963
1949	69	894	1,810,384	512,474	173,687	5,116,274	5,802,435
1950	65	794	1,764,456	520,718	157,450	3,690,541	4,368,709
1951	77	1,174	2,890,750	616,293	159,765	5,231,305	6,007,363
1952	78	1,215	3,220,933	653,822	174,380	6,069,598 ²	6,897,800
1953	77	931	2,614,595	657,087	160,407	4,986,284 ²	5,803,778
1954	69	673	1,897,668	576,461	129,443	3,801,310	4,513,431
1955	66	550	1,525,372	524,673	183,129	3,194,479	3,908,327
1956	52	461	1,439,031	473,131	243,612	2,892,516	3,606,992
1957	50	435	1,391,418	501,853	282,405	2,738,815	3,539,897
1958	48	397	1,323,177	428,423	247,728	2,587,333	3,244,229
1959	46	387	1,371,968	408,510	241,470	2,510,016	3,169,839
1960	46	348	1,249,117	367,966	225,648	2,033,847	2,624,447

See footnotes at end of table.

TABLE 6. Principal Statistics, Artificial Ice Manufacturers, Representative Years, 1927-61 - Concluded

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number		dollars				
1957	33	296	916,849	294,509	139,321	1,582,068	2,027,037
1958	31	264	839,813	270,121	151,401	1,490,574	1,905,838
1959	29	258	868,261	262,593	165,590	1,700,473	2,130,132
1960							
Canada	29	221	772,717	253,079	151,992	1,329,725	1,731,681
Nova Scotia and New Brunswick ⁴	6	36	114,689	69,008	17,854	277,599	363,432
Quebec	4	31	93,688	30,317	19,864	170,139	220,386
Ontario	15	121	445,752	124,938	90,311	681,385	896,717
Alberta	1	33	118,588	28,816	23,963	200,602	251,146
British Columbia	3						
1961							
Canada	30	217	721,146	235,491	191,833	1,292,049	1,725,721
Nova Scotia and New Brunswick ⁴	6	32	100,323	66,507	19,163	196,486	282,230
Quebec	4	32	96,758	29,660	23,764	187,869	241,383
Ontario	15	117	403,570	106,635	117,351	694,545	919,460
Alberta	2	36	120,495	32,689	31,555	213,149	282,648
British Columbia	3						

¹ Figures up to and including 1951 represent the value of production.

² Because of insufficient inventory data in 1952 and 1953 these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

⁴ Nova Scotia, 4; New Brunswick, 2.

CANDLE MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 7 below.

In the case of this industry, only two firms, whose primary activity had been wholesaling but

who had manufactured candles in small quantities, were transferred out of the Census of Manufactures as a result of the new approach. It has, therefore, been possible to present 1960 and 1961 comparable data covering both the shipments of the industry and of candles by the addition of Footnote 3 to Table 8 below.

TABLE 7. Principal Statistics, Candle Manufacturers, Representative Years, 1928-61

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use up to and including 1960							
	number		dollars				
1928	11	75	67,255	5,598	217,742	237,512	460,852
1933	12	109	115,035	7,428	154,553	202,856	364,837
1939	12	141	165,961	8,734	249,638	406,694	665,066
1942	12	187	225,407	12,790	498,569	520,123	1,032,482
1945	12	252	326,739	21,535	666,462	829,190	1,517,187
1947	12	267	419,672	25,502	1,094,938	1,110,564	2,231,004
1949	14	278	461,873	31,063	828,911	1,260,764	2,120,738
1950	13	228	427,644	26,076	853,846	1,172,015	2,051,937
1951	13	230	439,841	31,590	964,541	1,237,162	2,233,293
1952	12	210	452,141	30,159	909,497	1,290,086 ²	2,229,742
1953	14	231	508,364	34,393	941,195	1,489,068 ²	2,464,565
1954	15	244	592,266	34,812	1,102,580	1,575,552	2,700,401
1955	15	224	566,958	37,228	1,137,845	1,470,731	2,625,924
1956	15	232	681,192	50,805	1,245,053	1,626,793	2,789,956
1957	19	251	685,696	56,448	1,324,732	1,577,761	2,909,924
1958	21	250	763,136	51,512	1,269,446	1,760,526	3,042,627
1959	23	251	839,725	54,425	1,238,045	1,726,317	3,027,059
1960	19	245	837,180	55,186	1,189,529	1,700,343	3,002,515

See footnotes at end of table.

TABLE 7. Principal Statistics, Candle Manufacturers, Representative Years, 1928 - 61 - Concluded

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Revised Standard Industrial Classification and New Establishment Concept ²							
	number				dollars		
1957.....	18	247	679,858	56,043	1,303,670	1,568,501	2,879,197
1958.....	19	247	757,963	51,482	1,244,621	1,759,275	3,006,982
1959.....	21	248	834,125	54,395	1,220,445	1,711,255	2,994,344
1960.....	17	243	832,102	55,156	1,169,589	1,698,223	2,964,400
1961							
Canada	16	239	833,329	45,039	1,247,172	1,840,998	3,089,315
Quebec	11	224	791,552	42,876	1,176,083	1,751,267	2,924,455
Other provinces ⁴	5	15	41,777	2,163	71,089	89,731	164,860

¹ Figures up to and including 1951 represent the value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

⁴ Ontario, 1; Manitoba, 1; Saskatchewan, 1; Alberta, 1; British Columbia, 1.

TABLE 8. Factory Shipments, Candle Manufacturers, 1960 and 1961

Products	1960 ¹		1961	
	Quantity	Value	Quantity	Value
		\$		\$
Candles and cierges:				
Household, coloured, fancy, etc.:				
Household candles, paraffin wax	lb.	1,344,993	332,892	933,267
Coloured and fancy, including wax novelties	doz.	189,843	255,037	568,575
Church, chapel, synagogue, etc.:				
Beeswax candles and cierges	lb.	403,420	533,112	...
Composition candles and cierges	"	347,986	224,694	...
7-day lights, beeswax and vegetable oils	doz.	23,825	346,931	19,874
7-day lights, composition, other	"	150,196	634,613	151,074
Votive lights, all kinds	"	1,889,640	603,739	1,847,013
Incense	"	"	"	"
Incensed charcoal	"	"	"	"
All other products .....	...	71,497	...	754,670
Total value of shipments and work done .....	...	3,002,515	...	3,089,315

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

² Confidential, included in "All other products".

³ The preliminary 1961 shipments of beeswax and composition candles, by all industries, were as follows:

Beeswax candles	\$543,184
Composition candles	\$145,072

FUR DRESSING AND DYEING INDUSTRY, 1961

As pointed out in the preface to the 1960 report in this series, this industry was transferred from the Textile group to this Industrial group in the revised 1960 Standard Industrial Classification. However, in order to maintain historical continuity for one year, the 1960 report on this industry was included, as in the past, in the Fur Goods and Fur Dressing and Dyeing Industries report (Catalogue No. 34-213), and is now being included in this report for the first time.

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 9 below.

The number of fur skins treated in 1960 and 1961 by the firms classified to this industry are shown below in Table 10.

TABLE 9. Principal Statistics, Fur Dressing and Dyeing Industry, Representative Years, 1927-61

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use up to and including 1960							
	number		dollars				
1927	11	799	874,316	27,022	284,795	1,617,099	2,128,916
1929	10	720	821,190	26,050	227,640	1,662,623	1,916,313
1931	11	757	765,964	26,440	251,603	1,293,697	1,571,740
1933	13	769	679,437	28,391	296,242	1,124,599	1,449,232
1937	14	845	722,742	36,969	276,224	1,084,574	1,397,767
1939	14	804	822,825	34,979	309,186	1,337,495	1,681,660
1941	17	1,140	1,340,550	44,628	480,054	1,951,607	2,476,289
1945	20	1,417	2,114,550	65,904	792,455	2,882,495	3,740,854
1947	24	1,359	2,353,951	99,317	781,590	3,649,571	4,530,478
1949	21	1,670	3,467,633	120,033	1,215,541	5,355,644	6,691,418
1950	22	1,633	3,420,496	156,032	1,294,259	5,062,481	6,514,772
1951	20	1,305	3,139,376	126,645	1,076,825	4,099,291	5,302,761
1952	17	1,280	3,326,532	87,874	1,177,345	4,796,631 ²	6,061,650
1953	16	1,214	3,169,567	83,702	1,026,173	4,810,139 ²	5,920,014
1954	17	1,142	3,000,111	94,561	963,538	4,576,202	5,634,991
1955	16	1,162	3,295,341	109,513	1,121,805	5,288,772	6,498,292
1956	16	1,052	3,255,946	106,527	1,057,850	5,096,238	6,241,696
1957	16	1,059	3,385,428	122,526	1,248,961	4,909,963	6,299,336
1958	14	908	2,924,699	112,549	895,585	4,524,486	5,508,408
1959	15	993	3,412,419	119,417	1,253,798	5,149,138	6,503,695
1960	17	989	3,641,875	124,699	1,014,656	5,686,968	6,804,966
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number		dollars				
1957	16	1,059	3,385,428	122,526	1,248,961	4,909,983	6,299,336
1958	14	908	2,924,699	112,549	895,585	4,524,486	5,508,408
1959	15	993	3,412,419	119,417	1,253,798	5,149,138	6,503,695
1960	16	986	3,629,375	124,567	1,000,856	5,670,920	6,774,986
1961							
Canada	15	972	3,743,378	119,508	1,265,565	5,448,617	6,833,867
Quebec	8	617	2,471,092	79,105	875,672	3,624,554	4,579,681
Other provinces ⁴	7	355	1,272,286	40,403	389,893	1,824,063	2,254,166

¹ Figures up to and including 1951 represent the value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

⁴ Ontario, 2; Manitoba, 2; Alberta, 2; and British Columbia, 1.

TABLE 10 .Number of Fur Skins Treated, Canada, 1960 and 1961

Kind	1960	1961
Bear	1,222	1,062
Beaver	147,319	164,022
Cat, house and other	20,094	1,662
Ermine, (weasel)	4,155	33,037
Fisher or pekan	187	502
Fitch	337	254
Fox, silver	1,425	9,186
Fox, other than silver	28,115	53,070
Goat and kid	181	296
Kolinsky	190,706	250,723
Lamb, Persian	1,209,477	1,054,973
Lamb, other	24	15,404
Lynx	414	2,245
Marten	5,549	18,150
Mink	692,916	928,437
Mink, Jap and China Weasel	820,219	349,411
Muskrat	2,871,175	2,622,211
Nutria	1,053	¹
Ocelot	3,226	3,245
Opossum	10,436	14,059
Otter	29,544	28,708
Rabbit	146,199	66,118
Raccoon	119,653	332,082
Seal, hair	19,780	20,616
Sheep, shearling and mouton	427,844	431,054
Sheep, other	149	2,705
Skunk	15	415
Squirrel	367,519	304,831
Wolf	3,770	2,261
Other kinds	59,383	29,586
Totals	7,182,086	6,740,325

¹ Included in "Other kinds".

HAIR GOODS MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 11 below.

However, the changes in this industry, due to the implementation of a new concept, largely affected those firms shipping many other products

in addition to both animal hair and wigs, etc. For this reason, despite the marked disparity in terms of total shipments for the year 1960 on the old and new bases, Table 12 below shows the shipments by the industry for both these years in question. Furthermore, a Footnote has been added to this Table in order to give the shipments of wigs, etc., by all industries in 1961 since this all-industry figure is comparable to the 1960 figure for the industry itself as was given in Table 12.

TABLE 11. Principal Statistics, Hair Goods Manufacturers, by Province, 1957-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use up to and including 1960							
	number		dollars				
1957	13	128	368,508	26,217	831,627	595,815	1,480,658
1958	12	138	392,789	34,100	661,197	598,173	1,293,710
1959	10	94	329,381	29,086	387,865	487,960	881,747
1960	13	117	389,389	26,112	404,146	609,107	1,044,055
Basis: Revised Standard Industrial Classification and New Establishment Concept ¹							
	number		dollars				
1957	11	79	166,321	3,279	591,577	277,681	890,333
1958	10	90	192,258	2,538	444,782	306,787	751,009
1959	8	44	117,503	1,217	150,425	162,090	315,961
1960	11	59	173,585	4,592	215,158	269,138	485,588
1961							
Canada	11	68	168,109	4,340	269,483	213,669	485,477
Ontario	5	34	89,235	1,978	95,568	109,106	204,502
Other provinces ²	6	34	78,874	2,362	173,915	104,563	280,975

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

² Quebec, 3; Manitoba, 1; British Columbia, 2.

TABLE 12. Factory Shipments, Hair Goods Manufacturers, 1960 and 1961

Products	1960 ¹		1961	
	Quantity	Value	Quantity	Value
		\$		\$
Animal hair, cleaned and dressed	259,038	343,543	249,087	313,188
Wigs, toupees and switches .....	...	148,186	...	^{2, 3}
All other products .....	...	552,326	...	172,289
Total value of shipments .....	...	1,044,055	...	485,477

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

² Included in "All other products".

³ The preliminary 1961 shipments of wigs, toupees and switches, by all industries, were valued at \$176,240.

MODEL AND PATTERN MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this

industry have been revised back to 1957 on this new basis and are shown in Table 13 below.

TABLE 13. Principal Statistics, Model and Pattern Manufacturers, 1957-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use prior to 1960							
	number				dollars		
1957	77	606	2,570,038	77,359	1,013,168	3,727,839	4,844,492
1958	80	558	2,515,262	71,297	979,852	3,677,894	4,672,217
1959	75	637	3,080,362	78,801	1,152,658	4,786,213	6,023,461
Basis: Revised Standard Industrial Classification and New Establishment Concept ¹							
	number				dollars		
1957	87	750	2,983,034	86,427	1,375,128	..	6,727,937
1958	89	716	2,958,455	80,142	1,362,905	4,942,011	6,331,424
1959	86	815	3,613,248	89,287	1,945,579	6,214,626	8,257,188
1960							
Canada	92	853	3,977,492	90,235	1,632,224	7,012,901	8,652,609
Quebec	22	114	465,206	14,736	147,073	708,796	871,504
Ontario	61	709	3,368,110	73,098	1,459,474	6,116,415	7,564,795
Other provinces ²	9	30	144,176	2,401	25,677	187,690	216,310
1961							
Canada	86	992	4,503,500	93,740	2,229,558	7,654,808	9,804,880
Quebec	19	127	479,896	16,526	195,927	704,672	908,833
Ontario	58	833	3,871,077	74,056	2,006,870	6,737,578	8,655,925
Other provinces ²	9	32	152,527	3,158	26,761	212,558	240,122

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

² Manitoba, 1; Alberta, 1; British Columbia, 7.

TABLE 14. Factory Shipments, Model and Pattern Manufacturers, 1960 and 1961

Products	1960	1961
	\$	\$
Models and patterns:		
Metal	1,141,920	1,115,656
Wood	1,435,497	1,568,848
Paper and other	1,733,212	1
Moulds	3,870,903	3,859,619
Dies	92,869	346,418
Amount received for work done on materials owned by others	107,901	477,872
All other products	270,307	2,463,972
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above .....	...	27,505
Total value of shipments and work done	8,652,609	9,804,880

¹ included in "All other products".

SMOKERS' SUPPLIES MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 15 below.

The major products made by this industry are also made in other industries and, in order to

present the important information covering shipments of these commodities by all industries as shown in Table 16, the shipments by the industry proper have been suppressed in accordance with the secrecy provisions of the Statistics Act.

TABLE 15. Principal Statistics, Smokers' Supplies Manufacturers, 1957-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use up to and including 1960							
	number		dollars				
1957	13	172	555,995	24,797	1,396,815	1,199,639	2,614,558
1958	14	151	473,069	19,263	983,820	1,020,034	2,143,514
1959	13	153	497,184	20,260	1,028,483	1,081,491	2,435,919
1960	13	161	517,836	22,948	964,933	1,113,060	2,158,617
Basis: Revised Standard Industrial Classification and New Establishment Concept ¹							
	number		dollars				
1957	11	150	492,333	20,109	1,321,371	1,122,547	2,431,627
1958	12	129	414,100	14,550	908,780	942,494	1,978,727
1959	11	132	436,289	14,584	953,483	1,013,870	2,282,762
1960	11	140	454,501	17,773	886,583	1,034,152	1,995,884
1961							
Canada	10	143	514,481	16,258	1,105,408	1,188,046	2,322,476
Ontario	5	127	476,575	15,167	1,092,587	1,143,359	2,262,357
Other provinces ²	5	16	37,906	1,091	12,821	44,687	60,119

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

² Quebec, 4; British Columbia, 1.

TABLE 16. Factory Shipments of Pipes, Lighters and Lighter Fluid by All Industries, 1960 and 1961^P

	1960		1961 ^P	
	Quantity	Value	Quantity	Value
Pipes	6,374	\$ 89,111	6,416	\$ 120,194
Cigarette and cigar lighters, including automotive	565,049	966,425	411,595	891,647
Lighter fluid .....	...	450,522	...	432,345

STAMP AND STENCIL (RUBBER AND METAL) MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this

industry have been revised back to 1957 on this new basis and are shown in Table 17 below.

TABLE 17. Principal Statistics, Stamp and Stencil (Rubber and Metal) Manufacturers, 1957-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use up to and including 1960							
	number				dollars		
1957	69	957	3,203,206	85,594	1,921,079	4,324,681	6,321,795
1958	69	927	3,277,528	90,483	1,963,875	4,778,438	6,866,633
1959	67	968	3,575,234	91,769	2,282,475	4,997,480	7,367,331
1960							
Canada	70	1,006	3,939,299	112,023	2,430,428	5,531,845	8,058,390
Quebec	15	168	635,218	17,383	388,150	1,006,811	1,411,597
Ontario	35	721	2,853,058	83,932	1,884,155	3,846,147	5,799,215
Manitoba	5	18	74,092	430	11,935	102,971	115,276
British Columbia	9	65	266,033	7,537	85,358	383,705	476,640
Other provinces	6	34	110,898	2,741	60,830	192,211	255,662
Basis: Revised Standard Industrial Classification and New Establishment Concept ¹							
	number				dollars		
1957	69	957	3,203,206	85,594	1,921,079	4,293,288	6,290,402
1958	69	927	3,277,528	90,483	1,963,875	4,744,266	6,832,461
1959	67	968	3,575,234	91,769	2,282,475	4,960,145	7,329,996
1960							
Canada	70	1,006	3,939,299	112,023	2,430,428	5,492,113	8,018,658
Quebec	15	168	635,218	17,383	388,150	1,001,927	1,406,713
Ontario	35	721	2,853,058	83,932	1,884,155	3,821,025	5,774,093
Manitoba	5	18	74,092	430	11,935	102,971	115,276
British Columbia	9	65	266,033	7,537	85,358	383,705	476,640
Other provinces ²	6	34	110,898	2,741	60,830	182,485	245,936
1961							
Canada	70	859	3,396,931	103,778	1,851,842	4,602,233	6,536,292
Quebec	16	196	717,902	22,433	452,172	1,096,241	1,572,305
Ontario	33	548	2,243,308	71,094	1,198,195	2,908,650	4,154,296
Manitoba	5	17	63,830	566	12,700	101,803	115,254
British Columbia	9	63	254,184	6,237	107,630	298,443	412,635
Other provinces ³	7	35	117,707	3,448	81,145	197,096	281,802

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

² Nova Scotia, 1; Saskatchewan, 2; Alberta, 3.

³ Nova Scotia, 1; Saskatchewan, 2; Alberta, 4.

TABLE 18. Factory Shipments, Stamp and Stencil (Rubber and Metal) Manufacturers, 1960 and 1961

Products	1960 ¹	1961
	\$	\$
Stamps, daters and other marking devices:		
Rubber	1,833,522	1,971,621
Other (steel, brass etc.)	328,919	333,693
Dies:		
Rubber	803,232	896,912
Other	284,050	91,021
Stencils, all kinds	85,471	166,664
Seals, all kinds	298,615	301,755
Signs, all kinds	181,607	136,791
Plates, metal (license, name, etc.)	1,532,668	1,190,741
Metal stampings	247,425	211,117
Amount received in payment for work done on materials owned by others	35,611	36,034
All other products	2,427,270	1,234,486
Less adjustment for value of sales taxes, excise duties and outward trans- portation charges which were not deducted from individual commodity items detailed above .....	...	34,543
Total value of shipments and work done	8,058,390	6,536,292

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

STATUARY, ART GOODS, REGALIA AND NOVELTY MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 19 below.

In view of the changes brought about to this industry by the implementation of the new concept, only 1961 shipment data have been shown in Table 20 below.

TABLE 19. Principal Statistics, Statuary, Art Goods, Regalia and Novelty Manufacturers, 1939-61

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use prior to 1960							
	number		dollars				
1939	54	392	384,953	6,354	289,531	516,044	811,929
1940	59	503	470,906	13,510	346,359	686,788	1,046,657
1941	67	707	615,728	12,879	640,139	907,763	1,560,781
1942	76	851	763,183	13,116	767,904	1,206,923	1,987,943
1943	86	905	881,967	14,272	912,003	1,308,966	2,235,241
1944	83	881	955,253	13,430	981,282	1,481,145	2,475,857
1945	89	1,031	1,154,995	22,972	1,054,240	1,824,637	2,901,849
1946	93	1,180	1,409,335	25,134	1,334,889	2,068,783	3,428,806
1947	100	992	1,303,428	32,143	1,214,486	1,951,092	3,197,721
1948	95	954	1,403,791	36,982	1,412,784	2,318,583	3,768,349
1949	104	1,017	1,614,462	38,270	1,647,983	2,606,600	4,292,853
1950	107	932	1,551,905	39,197	1,377,353	2,415,993	3,832,543
1951	125	1,037	1,859,607	47,524	1,829,707	2,868,184	4,745,415
1952	137	1,055	1,995,197	62,765	1,800,922	3,032,303 ²	4,895,990
1953	122	989	2,090,786	59,632	1,842,169	3,309,371 ²	5,211,172
1954	111	946	2,055,885	67,918	1,509,980	3,175,292	4,712,658
1955	117	882	1,982,841	72,468	1,633,705	2,988,597	4,712,793
1956	108	798	1,855,547	78,232	1,804,792	2,870,232	4,739,696
1957	99	828	2,018,736	75,522	1,802,350	3,156,129	4,980,978
1958	95	807	1,962,681	73,703	1,771,577	2,992,792	4,816,392
1959	91	776	2,080,397	67,510	1,976,624	3,600,180	5,588,008
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number		dollars				
1957	94	780	1,916,614	68,445	1,731,184	2,950,758	4,752,215
1958	90	764	1,858,697	63,757	1,698,712	2,813,262	4,555,548
1959	86	735	1,980,542	62,843	1,862,079	3,479,768	5,347,527
1960							
Canada	90	768	2,154,080	69,312	2,106,864	3,076,232	5,283,137
Quebec	44	295	774,237	28,440	587,954	1,066,332	1,707,832
Ontario	33	388	1,182,565	34,891	1,322,324	1,747,184	3,088,413
Manitoba	7	78	185,128	5,141	188,341	248,410	463,463
Alberta and British Columbia ⁴	6	7	12,150	840	8,245	14,306	23,429
1961							
Canada	87	768	2,196,903	63,248	2,005,813	3,429,538	5,442,599
Quebec	44	320	806,275	29,426	576,401	1,122,488	1,698,212
Ontario	32	376	1,220,928	28,448	1,343,592	1,951,716	3,301,699
Manitoba	6	67	160,450	4,316	82,058	339,095	423,829
Alberta and British Columbia ⁵	5	5	9,250	1,058	3,762	16,239	18,859

¹ Figures up to and including 1951 represent the value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

⁴ Alberta, 1; British Columbia, 5.

⁵ Alberta, 1; British Columbia, 4.

TABLE 20. Factory Shipments, Statuary, Art Goods, Regalia and Novelty Manufacturers, 1961

Products	Value
	\$
Statuary and art goods:	
Statues and statuettes	656,971
Religious articles (rosaries, medals etc.)	80,582
Ornaments, all kinds (except cake)	199,364
Art goods, other	323,138
Novelties:	
Leather	180,951
Metal	1
Paper	1
Plaster	212,108
Plastic	656,868
Other	310,201
Cake ornaments and decorations	118,828
Christmas decorations	2
Crests, emblems, badges, regalia, all kinds	329,163
Display forms (mannequins etc.)	2
Gold and silver stamping	104,029
Amount received for work done for others	58,823
All other products	2,267,465
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above	55,892
Total value of shipments and work done	5,442,599

¹ Confidential. Included in "Novelties, other".² Confidential. Included in "All other products".

UMBRELLA MANUFACTURERS, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 21 below. However, in the case of this industry, it should

be noted that the implementation of this new concept has only brought about changes to the principal statistics for the years 1957 and 1958, whereas those for the years 1959 and 1960 remain unchanged.

TABLE 21. Principal Statistics, Umbrella Manufacturers, 1957-61

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use up to and including 1960							
	number				dollars		
1957	9	140	284,317	9,223	596,454	405,583	1,049,501
1958	8	114	273,079	8,584	528,728	474,851	995,550
1959	8	126	294,810	8,499	559,305	537,906	1,092,807
1960	8	114	330,781	8,799	539,192	528,980	1,063,526
Basis: Revised Standard Industrial Classification and New Establishment Concept ¹							
	number				dollars		
1957	9	151	313,692	11,906	660,268	461,112	1,183,776
1958	8	131	307,179	10,484	608,929	527,875	1,125,391
1959	8	126	294,810	8,499	559,305	537,906	1,092,807
1960	8	114	330,781	8,799	539,192	528,980	1,063,526
1961	8	127	367,055	9,486	659,263	603,705	1,307,754

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

TABLE 22. Factory Shipments, Umbrella Manufacturers, 1960 and 1961

Products	1960		1961	
	Quantity	Value	Quantity	Value
	doz.	\$	doz.	\$
Umbrellas	29, 878	883, 516	33, 412	1, 057, 503
Other products .....	...	180, 010	...	250, 251
Total value of shipments .....	...	1, 063, 526	...	1, 307, 754

OTHER MISCELLANEOUS INDUSTRIES, 1961

In view of the changes to this industry in the 1961 survey, fully outlined in the general preface to this report, the principal statistics of this industry have been revised back to 1957 on this new basis and are shown in Table 23 below.

The "Other Miscellaneous Industries", previously known as "The Miscellaneous Industries, N.E.S.", comprises those establishments that cannot be assigned to other industries of the revised Standard Industrial Classification. These firms manufacture either a product, or products, not covered by a distinct classification, or a product, or products, that would be assignable to existing classifications were it not for their mixed nature. It should also be noted that, when the revised Standard Industrial Classification was implemented

for the 1960 survey, two special groups of firms were transferred into this industry as follows: (a) establishments producing mainly gaskets of more than one material; and, (b) firms chiefly making folding doors out of more than one material. These transfers were aimed at bringing together in this industry most of the firms making specialized end products of many varied materials.

The shipments of folding doors, all types, by all manufacturing industries were 151,116 doors valued at \$2,288,121 in 1960 and, on a preliminary basis, 149,414 doors valued at \$2,142,092 in 1961. As pointed out previously, most of the firms making this product were classified to this industry in the 1960 survey.

TABLE 23. Principal Statistics, Other Miscellaneous Industries, 1957-61

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use prior to 1960							
	number		dollars				
1957	39	1, 846	5, 160, 410	144, 960	5, 168, 346	9, 426, 268	14, 570, 770
1958	40	1, 651	4, 733, 585	174, 664	5, 333, 414	10, 024, 776	15, 423, 169
1959	40	1, 730	5, 343, 315	199, 320	5, 693, 166	11, 187, 119	16, 921, 203
Basis: Revised Standard Industrial Classification and New Establishment Concept ¹							
	number		dollars				
1957	60	2, 376	6, 984, 073	222, 024	8, 354, 945	12, 486, 863	20, 994, 772
1958	61	2, 147	6, 576, 352	255, 773	8, 561, 581	13, 374, 100	22, 047, 854
1959	57	2, 276	7, 391, 816	264, 076	9, 292, 324	14, 912, 021	24, 196, 149
1960	53	2, 078	6, 991, 910	202, 136	9, 125, 646	13, 329, 889	22, 653, 563
1961							
Canada	46	1, 943	6, 537, 818	208, 357	9, 034, 964	13, 030, 033	22, 022, 868
Ontario	32	946	3, 270, 653	103, 955	5, 942, 566	5, 494, 301	11, 491, 667
Other provinces ²	14	997	3, 267, 165	104, 402	3, 092, 398	7, 535, 732	10, 531, 201

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

² Quebec, 12; Alberta, 1; British Columbia, 1.

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