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PEN AND PENCIL AND TYPEWRITER
SUPPLIES MANUFACTURERS
1960

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ANNUAL CENSUS
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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.

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1960 are as follows:

Period Covered

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

Establishment

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

Employees

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

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, ware-

housing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc. are not included.

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

Salaries and Wages

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

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

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

Materials and Supplies Used

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

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers

and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

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

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value added by Manufacturing

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

Standard Industrial Classification

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

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

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

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

Short Forms

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

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

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

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

PEN AND PENCIL AND TYPEWRITER SUPPLIES MANUFACTURERS 1960

INTRODUCTION

For the Census of Industry survey year 1960, the Bureau implemented a revised Standard Industrial Classification one of the results of which was minor revisions to the Pen and Pencil Manufacturers industry as a scrutiny of the revised Principal Statistics for the years 1957 to 1959, inclusive (Table 1B), will show. On the other hand, there was no change in the Typewriter Supplies Manufacturers industry in this revised Classification as can be seen from Table 13. The opportunity has now been taken to publish a separate report covering these two industries in view of their growing importance. Prior to the 1960 report, these industries were included in "The Miscellaneous Industries" annual report (catalogue number 47-205).

THE HISTORY OF THE UNITED STATES

OF THE UNITED STATES OF AMERICA

The history of the United States is a story of a people who have grown from a small colony of settlers to a great nation. The story begins with the first settlers who came to the New World in search of a better life. They found a land of opportunity, but also a land of hardship. The settlers had to learn to live with the elements and to work the land. They built a society that was based on the principles of freedom and democracy. The story of the United States is a story of a people who have overcome many challenges and who have built a great nation.

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PEN AND PENCIL MANUFACTURERS

1960

SECTION I. PEN AND PENCIL MANUFACTURERS, 1960

For the 1960 survey, the Bureau implemented a revised Standard Industrial Classification, one of the results of which was minor revisions to this industry as a scrutiny of the revised Principal Statistics for the years 1957 to 1959, inclusive (Table 1B), will show. Because these revisions only affected the 1957 and the 1958 figures, it has been possible to publish the 1959 factory shipment data in Table 3. Also, in all other cases, the 1959 data shown in this Section of the report remain unchanged, as above, from those originally published in the 1959 report on this industry.

The Pen and Pencil Manufacturers industry is defined as comprising those establishments manufacturing "fountain pens and parts; ball-point pens; lead and mechanical pencils; and crayons". The rapid expansion of this industry continued in 1960 as it did during 1959. Comparison of statistics for the two aforementioned years shows that there was an increase of 5.2 per cent in the value of factory shipments, which rose from \$13,232,667 in 1959 to \$13,921,698 in 1960. At the same time the number of reporting establishments increased from 16 to 20, and the number of employees from 1,082 to 1,089. Similarly, salaries and wages paid by the industry rose by 3.3 per cent, from \$3,561,982 in 1959 to

\$3,679,675 in 1960. The total cost of materials used in the year under review, \$5,897,714, was 6.4 per cent higher than the \$5,542,835 paid out for the same purpose the year before.

In 1960 ball-point pens (including liquid lead pencils) continued to be the industry's leading commodity, with shipments of 2,367,637 dozen valued at \$4,015,030 f.o.b. plant these were 25.6 and 11.6 per cent higher, respectively, than the 1959 sales of 1,885,632 dozen worth \$3,598,198. The quantity of fountain pens shipped during the year under review fell sharply, from 165,674 dozen to 118,281 dozen, but the aggregate value rose just as abruptly from \$2,508,959 to \$2,876,259. Shipments of black lead non-mechanical pencils in 1960 totalled 499,120 gross worth \$2,173,008 as against 484,113 gross valued at \$2,085,793 in the preceding year.

Detailed information concerning shipments, materials used, imports and exports, etc. appear in Tables 3, 4, 10, 11, etc. It should be noted that this new report on the Pen and Pencil Manufacturers industry comprises many new tables included that were not published in previous years. Tables such as Nos. 2, 4, 5, 6, 7, 8, 9, and 12 should be noted.

TABLE 1 A. Principal Statistics, Pen and Pencil Manufacturers, Representative Years, 1926 - 59

Basis: Standard Industrial Classification in use prior to 1960

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Gross value of production ¹
	number		dollars				
1926	3	185	211,885	4,778	373,255	705,404	1,083,437
1929	6	364	433,174	5,635	954,917	1,889,332	2,849,884
1933	10	334	364,265	16,155	633,843	801,982	1,451,980
1937	9	545	566,478	17,277	950,914	1,245,869	2,214,060
1939	9	591	629,831	18,289	909,776	1,214,442	2,142,507
1941	10	686	777,782	24,382	1,231,840	1,857,674	3,113,896
1945	10	1,315	1,892,220	31,242	2,627,912	4,253,146	6,912,300
1946	10	1,462	1,963,245	36,836	4,223,043	5,696,637	9,956,516
1947	10	1,426	2,326,043	39,034	3,522,684	5,344,271	8,905,989
1948	12	1,248	2,148,127	45,149	2,682,930	3,695,583	6,423,662
1949	15	1,221	2,328,167	43,221	2,972,524	6,657,965	9,673,710
1950	18	1,133	2,421,360	51,220	3,435,080	5,385,851	8,872,151
1951	20	1,122	2,669,218	59,009	4,239,976	5,515,281	9,814,266
1952	20	1,080	2,670,986	60,585	3,755,188	5,657,987 ²	9,473,760
1953	17	1,169	2,903,588	66,904	4,115,356	6,514,328 ²	10,696,588
1954	17	1,066	3,039,155	75,913	4,219,594	6,584,899	10,702,089
1955	17	1,040	2,713,923	78,496	5,164,258	6,053,119	11,458,847
1956	18	1,103	3,042,807	82,465	5,554,392	7,154,410	12,487,690
1957	18	1,145	3,410,853	87,765	5,651,632	7,838,336	13,218,019
1958							
Canada	17	1,138	3,382,285	87,156	5,504,538	6,925,517	12,654,239
Quebec and British Columbia	8 ³	520	1,339,984	27,523	2,893,016	2,647,171	5,633,933
Ontario	9	618	2,042,301	59,633	2,611,522	4,278,346	7,020,306
1959							
Canada	16	1,082	3,561,982	87,633	5,542,835	7,733,578	13,232,667
Quebec and British Columbia	8 ³	499	1,474,177	29,422	2,706,829	3,475,630	6,040,593
Ontario	8	583	2,087,805	58,211	2,836,006	4,257,948	7,192,074

¹ Commencing with 1952 "Value of factory shipments" has been collected instead of "Gross 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 British Columbia 1.

TABLE 1 B. Principal Statistics, Pen and Pencil Manufacturers, Representative Years, 1957 - 60

Basis: Standard Industrial Classification revised 1960

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Value of factory shipments
1957	number		dollars				
Canada	19	1, 151	3, 436, 853	88, 165	5, 674, 632	..	13, 285, 019
Quebec and British Columbia	9	482	1, 326, 346	27, 409	2, 762, 020	..	5, 758, 214
Ontario	10	669	2, 110, 507	60, 756	2, 912, 612	..	7, 526, 805
1958							
Canada	18	1, 145	3, 406, 255	88, 141	5, 536, 120	..	12, 728, 079
Quebec and British Columbia	8	520	1, 339, 984	27, 523	2, 893, 016	..	5, 633, 933
Ontario	10	625	2, 066, 271	60, 618	2, 643, 104	..	7, 094, 146
1959							
Canada	16	1, 082	3, 561, 982	87, 633	5, 542, 835	..	13, 232, 667
Quebec and British Columbia	8	499	1, 474, 177	29, 422	2, 706, 829	..	6, 040, 593
Ontario	8	583	2, 087, 805	58, 211	2, 836, 006	..	7, 192, 074
1960							
Canada	20	1, 089	3, 679, 675	85, 324	5, 897, 714	7, 651, 336	13, 921, 698
Quebec and Alberta	11	471	1, 530, 197	28, 852	2, 485, 126	3, 243, 518	5, 789, 260
Ontario	9	618	2, 149, 478	56, 472	3, 412, 588	4, 407, 818	8, 132, 438

TABLE 2. Inventories,¹ 1960

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: ²				
Quebec and British Columbia	371,391	466,651	384,991	1,223,033
Ontario	647,586	694,555	1,507,318	2,849,459
Canada	1,018,977	1,161,206	1,892,309	4,072,492
Closing:				
Quebec and Alberta	581,195	365,462	454,416	1,401,073
Ontario	699,591	714,395	1,231,918	2,645,904
Canada	1,280,786	1,079,857	1,686,334	4,046,977

¹ Book value of all manufacturing inventories held at plant and plant warehouses.

² The opening inventory for 1960 differs from the closing inventory published for 1959 because of the receipt of revised data, the inclusion of new firms and the removal of figures for firms which did not operate during 1960.

TABLE 3. Factory Shipments, Pen and Pencil Manufacturers, 1959 and 1960

Products	1959		1960	
	Quantity	Selling value at factory	Quantity	Selling value at factory
		\$		\$
Fountain pens..... doz.	165,674	2,508,959	118,281	2,876,259
Fountain pen nibs, holders and other parts .....	...	305,692	...	255,526
Ball point pens..... doz.	1,885,632	3,598,198	2,367,637	4,015,030
Refills for ball point pens and liquid lead pencils..... "	600,567	893,747	1,514,823	910,411
Non-mechanical pencils, black lead	gross 484,113	2,085,793	499,120	2,173,008
Non-mechanical pencils, other..... "	191,318	1,262,336	¹	¹
Pencils, mechanical	doz. 115,229	511,002	101,958	543,979
Leads for pencils.....	...	113,346	...	100,941
Desk sets	doz. ..	294,082	8,678	194,331
Other stationery supplies .....	...	1,294,417	...	1,345,312
All other products .....	...	335,239	...	1,481,037
Amount received for repairs .....	...	29,856	...	25,864
Total value of shipments .....	...	13,232,667	...	13,921,698

¹ Included in "All other products".

TABLE 4. Materials Used, 1960¹

Principal materials	Cost at factory
	\$
Rubber	148, 185
Pyralin	1, 786
Plastics	391, 418
Crayon materials	226, 496
Gold	283, 910
Gold leaf	21, 870
Gold tubing and sheets	13, 275
Silver	32, 994
Brass	27, 091
Iridium	11, 094
Leads	498, 370
Ink and ink ingredients	49, 580
Pen and pencil parts	2, 508, 852
Glue	12, 326
Lacquer	80, 362
Wood	390, 024
Containers and other packing materials and supplies	725, 831
Operating maintenance and repair supplies	179, 339
All other materials and supplies	294, 911
Total	5, 897, 714

¹ No detailed information on materials used was collected from firms generally reporting value of factory shipments of less than \$20,000. The total value of materials used by these firms was \$55,250. This amount has been included with all other materials and supplies.

TABLE 5. Principal Statistics, classified according to Type of Ownership 1959 and 1960

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value of factory shipments
	number		dollars			
1959						
Individual ownership	2	} 33	65, 758	2, 099	121, 323	262, 904
Partnership	1					
Incorporated companies	13	1, 049	3, 496, 224	85, 534	5, 421, 512	12, 969, 763
Totals	16	1, 082	3, 561, 982	87, 633	5, 542, 835	13, 232, 667
1960						
Individual ownership	2	} 24	51, 528	1, 290	55, 250	151, 178
Partnership	1					
Incorporated companies	17	1, 065	3, 628, 147	84, 034	5, 842, 464	13, 770, 520
Totals	20	1, 089	3, 679, 675	85, 324	5, 897, 714	13, 921, 698

TABLE 6. Principal Statistics grouped by Shipment Size, 1959 and 1960

Shipment size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of factory shipments
	number		dollars			
1959						
\$ 10,000 to \$ 24,999	—	—	—	—	—	—
25,000 " 49,999	1	46	112,858	3,959	156,883	386,335
50,000 " 99,999	1					
100,000 " 199,999	2					
200,000 " 499,999	3	96	287,551	9,390	723,143	1,293,694
500,000 " 999,999	3	159	495,831	16,741	1,142,390	2,224,126
1,000,000 and over	6	747	2,462,829	57,633	3,520,419	9,328,512
Head offices .....	...	34	202,913	...	...	...
Totals	16	1,082	3,561,982	87,633	5,542,835	13,232,667
1960						
\$ 10,000 to \$ 24,999	1	18	57,246	751	36,276	114,964
25,000 " 49,999	3					
50,000 " 99,999	1	44	97,208	4,289	156,869	350,247
100,000 " 199,999	2					
200,000 " 499,999	3	86	280,415	5,508	593,834	1,100,593
500,000 " 999,999	5	353	1,120,688	28,875	1,537,430	3,288,803
1,000,000 and over	5	552	1,883,940	45,906	3,573,305	9,067,091
Head offices .....	...	36	240,178	...	...	...
Totals	20	1,089	3,679,675	85,324	5,897,714	13,921,698

TABLE 7. Principal Statistics, classified by Number of Employees per Establishment, 1959 and 1960

Number of employees	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of factory shipments
	number		dollars			
1959						
Under 5 employees	1	24	77,358	3,079	96,883	239,164
5 to 14 employees	2					
15 " 49 "	4	118	323,051	10,270	783,143	1,440,865
50 " 99 "	5	308	1,021,749	29,877	2,709,034	5,758,499
100 " 199 "	4	598	1,936,911	44,407	1,953,775	5,794,139
Head office .....	...	34	202,913	...	...	...
Totals	16	1,080	3,561,982	87,633	5,542,835	13,232,667
1960						
Under 5 employees	1	45	123,614	4,240	156,645	368,454
5 to 14 employees	5					
15 " 49 "	5	145	434,159	11,752	875,959	1,705,557
50 " 99 "	5	312	1,053,863	28,389	2,595,420	5,829,680
100 " 199 "	4	551	1,827,861	40,943	2,269,690	6,018,007
Head office .....	...	36	240,178	...	...	...
Totals	20	1,089	3,679,675	85,324	5,897,714	13,921,698

TABLE 8. Employees and their Earnings, by Provinces, 1959 and 1960

	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1959								
Quebec and British Columbia	54	41	140	264	499	544,811	929,366	1,474,177
Ontario	128	89	127	239	583	1,088,016	999,789	2,087,805
Canada	182	130	267	503	1,082	1,632,827	1,929,155	3,561,982
1960								
Quebec and Alberta	63	41	138	229	471	562,223	967,974	1,530,197
Ontario	126	91	98	303	618	1,166,828	982,650	2,149,478
Canada	189	132	236	532	1,089	1,729,051	1,950,624	3,679,675

TABLE 9. Production Workers, by Months,¹ 1960

	Male	Female
January	245	505
February	243	534
March	260	550
April	238	535
May	237	524
June	242	519
July	209	499
August	240	539
September	232	558
October	229	567
November	225	553
December	220	492
Monthly average ¹	236	532

¹ The number of production workers by months was generally collected only for establishments reporting value of shipments of \$200,000 and over.

For establishments reporting value of shipments of less than \$200,000, no data on the number of workers were collected. The average was estimated by using the change in value of shipments to arrive at the value of the payroll which was then used in conjunction with estimated average earnings to arrive at the number of workers. This estimated number of workers was then included in each month's total.

TABLE 10. Imports¹ of Pens, Pencils and Parts, 1959 and 1960

Import class	Commodities imported	1959		1960	
		Quantity	Value	Quantity	Value
			\$		\$
9259	Fountain pens except ball points .....	..	206,658	..	171,090
9254	Ball point pens and parts .....	...	2,559,918	...	2,504,834
9257	Pencil, lead, non-propelling, with stationary lead gross	84,179	143,393	62,308	122,747
9258	Pencils, mechanical .....	..	147,047	..	95,518
9260	Pens, n.e.s., penholders and rulers of all kinds .....	...	346,776	...	313,254

¹ These data are published monthly in "Trade of Canada—Imports" (Cat. No. 65-007), which also shows the details of shipments from individual countries.

TABLE 11. Exports¹ of Pens, Pencils and Parts, 1959 and 1960

Export class	Commodities exported	1959		1960	
		Quantity	Value	Quantity	Value
			\$		\$
9175	Fountain pens including pen and pencil sets .....	...	235,411	...	485,023
9177	Mechanical and propelling pencils .....	..	1,474	..	22,970
9180	Pens and pencils and parts, n.e.s. ....	...	239,879	...	230,669

¹ These data are published monthly in "Trade of Canada—Exports" (Cat. No. 65-004), which also shows the details of shipments to individual countries.

TABLE 12. Fuel and Electricity, 1960

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	—	—
(b) Imported	ton 639	8,591
Anthracite coal	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 14,418	6,274
Fuel oil including kerosene or coal oil	" 200,797	27,326
Gas (a) Liquefied petroleum gases	" 1,700	132
(b) Other manufactured gas	—	—
(c) Natural gas	M cu. ft. 20	22
Electricity purchased	kwh. 2,816,876	41,689
Steam purchased	—	—
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	1,290
3. All establishments:		
Total cost of fuel and electricity .....	...	85,324

¹ Establishments generally reporting value of shipments of \$200,000 and over.

² Establishments generally reporting value of shipments less than \$200,000.

Pen and Pencil Manufacturers, 1960

Name	Address
Quebec:	
Burt Rite Sales Co. of Canada	369 St. Paul St. W., Montreal
Eagle Pencil Co. of Canada	201 St. Jean St., Drummondville
Eberhart Faber Pencil Co. (Canada) 1955 Ltd.	1100 Bernard St., Actonville
The Jacomar Pen	2555 Ave De Vitre, Quebec 3
La Manufacture Canadienne de Crayons Inc.	101 St. Charles, Marieville
Lion Lighter Novelty Co.	636 St. Paul St. W., Montreal 3
National Merchandise Mfg. Co., Inc.	180 Bates Rd., Town of Mount Royal
North-Rite Ltd.	105 Rene-Philippe, Ville Lemoyne
Pronto Precision Products Ltd.	180 Bates Rd., Town of Mount Royal
L. E. Waterman Pen Co. Ltd.	2 Waterman St., St. Lambert
Ontario:	
Canadian Crayon Company Ltd.	95 Lindsay St. N., Lindsay
Dixon Pencil Company Limited	531 Davis Drive, Newmarket .
The Esterbrook Pen Co. of Canada Ltd.	102-106 Lakeshore Blvd. E., Toronto 2
Parker Pen Co. Ltd.	Green Belt Drive, Don Mills
Frank Rice Sales Limited	60 Front St. W., Toronto
Scripto of Canada Ltd.	161 Barkley Drive, Toronto 16
W.A. Sheaffer Pen Co. of Canada Ltd.	Huron Rd. Goderich
Truform Industries Limited	1822 Weston Rd., Weston
Venus Pencil Co. Limited	1325 The Queensway, Toronto 14
Alberta:	
S. J. Lennox Distributors Ltd.	1616 Centre St. N., Calgary

TYPEWRITER SUPPLIES MANUFACTURERS

1960

SECTION 2. TYPEWRITER SUPPLIES MANUFACTURERS, 1960

Although the Bureau has adopted a revised Standard Industrial Classification for the 1960 survey, there has been no change in this industry as can be seen from the scrutiny of the Principal Statistics in Table 13. The Typewriter Supplies Manufacturers industry continues to be defined as comprising those establishments engaged in manufacturing "carbon paper, stencil paper, inked ribbons and other typewriter supplies".

In 1960, reports were received from 10 firms, compared to 9 in 1959. Three of them were in Quebec, six in Ontario, and one in British Columbia.

In 1960 shipments were valued at \$6,626,260 f.o.b. plant, only 1.0 per cent above the \$6,563,245 worth of factory sales made the year before. The number of employees increased to 434 in 1960 from 418 in 1959. Similarly, salaries and wages were 9.4 per cent higher, rising to \$1,590,504 in 1960 from \$1,454,254.

Carbon paper shipments by the industry reached a total value of \$3,580,709 in 1960, compared to \$3,374,653 in 1959. The value of shipments of

office machine ribbons in 1960, at \$1,807,924, was fractionally lower, 0.4 per cent, than the \$1,814,498 reported the year before. Other products included stamp pads, duplicator fluid and ink, but, since less than three firms were engaged in the manufacture of each of them, the figures cannot be published without divulging the particulars of shipments by individual firms.

Factory shipments of carbon paper by all industries in 1960 amounted to \$3,923,830, 6.3 per cent higher than the 1959 figure of \$3,692,847. On the other hand, factory shipments of typewriter ribbons by all industries in 1960 was \$1,994,725, 2.4 per cent lower than the 1959 figure of \$2,042,272. In the year under review, 675,220 pounds of carbon paper valued at \$464,231, and 12,391 pounds of typewriter ribbons valued at \$47,869 were imported.

It should be noted that this new report on the Typewriter Supplies Manufacturers industry comprises all new tables with the exception of Table 13.

TABLE 13. Principal Statistics, Typewriter Supplies Manufacturers, Representative Years, 1927 - 60

Basis: Standard Industrial Classification in use both prior to and including 1960 (no change in 1960).

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Gross value of production ¹
	number				dollars		
1927	4	86	159,148	6,754	236,561	291,702	535,017
1930	4	110	191,623	7,688	354,228	413,944	775,860
1932	5	116	206,611	7,687	220,095	370,691	598,473
1937	8	177	304,769	8,509	406,152	508,012	922,673
1939	8	234	371,586	10,145	553,664	667,200	1,231,009
1940	8	243	419,184	10,001	703,740	618,105	1,331,846
1942	8	313	544,670	13,673	1,104,621	1,037,669	2,155,963
1945	8	306	568,151	17,530	1,255,348	1,085,730	2,358,608
1946	8	334	620,274	18,432	1,442,410	1,261,401	2,722,243
1948	8	372	760,726	25,043	1,729,542	1,960,323	3,714,908
1949	7	396	885,086	26,236	1,916,789	1,921,239	3,864,264
1950	7	427	911,674	31,322	2,174,991	1,998,895	4,205,208
1951	7	397	1,023,355	29,884	2,375,846	1,955,279	4,361,009
1952	8	431	1,142,437	40,180	2,177,550	2,266,661 ²	4,474,391
1953	10	445	1,227,504	32,850	2,401,040	2,588,004 ²	5,021,894
1954	10	409	1,211,327	36,595	2,256,261	2,525,928	4,837,619
1955	10	395	1,216,459	35,601	2,510,102	2,582,566	5,120,176
1956	9	430	1,260,265	41,706	2,883,424	2,899,091	5,810,198
1957	9	435	1,414,443	47,772	3,151,084	3,018,218	6,135,100
1958	9	418	1,405,117	51,812	2,978,720	2,989,893	6,043,444
1959	9	418	1,454,254	55,791	3,290,258	3,265,130	6,563,245
1960	10	434	1,590,504	55,903	3,646,747	3,003,481	6,626,260

¹ Commencing with 1952 "Value of factory shipments" have been collected instead of "Gross 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".**TABLE 14. Inventories,¹ 1960**

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: ²				
Quebec and British Columbia	190,398	48,811	35,835	275,044
Ontario	871,047	192,287	231,342	1,094,676
Canada	861,445	241,098	267,177	1,369,720
Closing:				
Quebec and British Columbia	197,638	47,825	35,022	280,485
Ontario	649,640	285,239	220,060	1,154,939
Canada	847,278	333,064	255,082	1,435,424

¹ Book value of all manufacturing inventories held at plant and plant warehouses.² The opening inventory for 1960 differs from the closing inventory published for 1959 because of the receipt of revised data, the inclusion of new firms and the removal of figures for firms which did not operate during 1960.**TABLE 15. Factory Shipments - Selected Items of Typewriter Supplies by All Industries, 1959 and 1960**

Item	1959	1960
	dollars	
Carbon paper	3,692,847	3,923,830
Ribbon, typewriter, etc.	2,042,272	1,994,725

TABLE 16. Materials Used, 1960¹

Principal materials	Quantity	Cost value at factory
		\$
Ribbon cloth	yd. 37,757,369	510,405
Paper, all kinds	ton 2,687	1,318,526
Wax, carnauba	lb. 527,419	248,474
Wax, other	" 342,000	34,200
Colours and dyes	" 441,050	227,301
Oils	gal. 64,737	30,128
Ribbon spools	doz. 217,670	63,991
Ink materials .....	... ..	29,680
Containers and other packaging materials and supplies	—	119,511
Operating maintenance and repair supplies	—	99,908
All other materials and supplies	—	964,623
Total	—	3,646,747

¹ No detailed information on materials used was collected from firms generally reporting value of factory shipments of less than \$20,000. The total estimated value of materials used by these firms was \$135,500; this amount has been included with "All other materials and supplies".

TABLE 17. Principal Statistics, grouped by Shipment Size, 1959 and 1960

Shipment size	Estab- lish- ments	Total em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value of factory shipments
	number			dollars		
1959						
\$ 50,000 to \$ 99,999	—	—	—	—	—	—
100,000 " 199,999	2	74	247,902	17,248	632,268	1,127,344
200,000 " 499,999	3					
500,000 " 999,999	1	344	1,206,352	38,543	2,657,990	5,435,901
1,000,000 " 4,999,999	3					
Totals	9	418	1,454,254	55,791	3,290,258	6,563,245
1960						
\$ 50,000 to \$ 99,999	1	18	62,822	3,117	173,134	317,464
100,000 " 199,999	2					
200,000 " 499,999	2	111	417,278	19,581	815,079	1,608,962
500,000 " 999,999	2					
1,000,000 " 4,999,999	3	305	1,110,404	33,205	2,658,534	4,699,834
Totals	10	434	1,590,504	55,903	3,646,747	6,626,260

**TABLE 18. Principal Statistics of Typewriter Supplies Manufacturers, classified by
Number of Employees per Establishment, 1959 and 1960**

Number of employees	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value of factory shipments
	number		dollars			
1959						
5 to 14 employees	2	122	405,231	24,100	886,197	1,675,344
15 " 49 "	4					
50 " 99 "	1	296	1,049,023	31,691	2,404,061	4,887,901
100 " 199 "	2					
Totals	9	418	1,454,254	55,791	3,290,258	6,563,245
1960						
5 to 14 employees	3	18	62,822	3,117	173,134	317,464
15 " 49 "	4	111	417,278	19,581	815,079	1,608,962
50 " 99 "	1	303	1,110,404	33,205	2,658,534	4,699,834
100 " 199 "	2					
Totals	10	434	1,590,504	55,903	3,646,747	6,626,260

TABLE 19. Employees and their Earnings, by Provinces, 1959 and 1960

	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1959								
Quebec and British Columbia	15	14	25	19	73	120,012	112,567	232,579
Ontario	53	39	162	91	345	517,130	704,545	1,221,675
Canada	68	53	187	110	418	637,142	817,112	1,454,254
1960								
Quebec and British Columbia	13	13	25	24	75	129,860	127,686	257,546
Ontario	55	40	168	96	359	526,054	806,904	1,332,958
Canada	68	53	193	120	434	655,914	934,590	1,590,504

TABLE 20. Production Workers by Months, 1960

	Male	Female
	number	
January	191	117
February	192	122
March	194	119
April	195	124
May	195	120
June	192	124
July	190	118
August	197	121
September	189	116
October	193	118
November	194	117
December	197	118
Monthly average ¹	193	120

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over.

For establishments reporting value of shipments of less than \$200,000 no data on the number of workers were collected. The average was estimated by using the change in value of shipments to arrive at the value of the payroll which was then used in conjunction with estimated average earnings to arrive at the number of workers. This estimated number of workers was then included in each month's total.

TABLE 21. Fuel and Electricity, 1960

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	—	—
(b) Imported	—	—
Anthracite coal	ton 304	6,363
Coke	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 2,800	1,260
Fuel oil including kerosene or coal oil	" 189,272	24,961
Wood	—	—
Gas (a) Liquefied petroleum gases	—	—
(b) Other manufactured gas	M cu. ft. 156	159
(c) Natural gas	" 157	149
Other fuel	—	—
Electricity purchased	kwh. 1,291,441	20,046
Steam purchased	—	—
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	2,965
3. All establishments:		
Total cost of fuel and electricity .....	...	55,903

¹ Establishments generally reporting value of shipments of \$200,000 and over.

² Establishments generally reporting value of shipments of less than \$200,000.



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Typewriter Supplies Manufacturers, 1960

Name	Address
Québec:	
Budge Carbon and Ribbons Ltd.	529, Cathedral St., Montreal 3
Kores of Canada, Ltd.	6815 Decarie Blvd., Montreal, 29
Mid-city Ribbon and Carbon Mfg. Ltd.	400 Dowd St., Montreal 1
Ontario:	
Atlas Carbon and Ribbon Co. Ltd.	431 Dundas St. E, Toronto, 2 B
Burroughs Adding Machine of Canada Ltd.	35 Bertrand Ave. Toronto, 13
Canada Carbon and Ribbon Co. Ltd.	55 Bridgeland Ave., Toronto 19
Capital Carbon and Ribbon Co. Ltd.	P.O. Box 70, Ottawa
John Underwood (Canada) Ltd.	90 Richmond St. E, Toronto 1
Peerless Carbon and Ribbon Co. Ltd.	100 Industry St., Toronto 15
British Columbia:	
Pacific Carbon Paper Ltd.	Granville Island, Vancouver 9