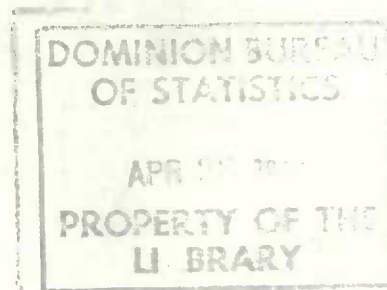


CATALOGUE No.

47-204

ANNUAL

6.3



SPORTING GOODS AND TOY INDUSTRY

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

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

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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.
- r revised 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.

SPORTING GOODS AND TOY INDUSTRY

1961

GENERAL INTRODUCTION

The implementation of a New Establishment Concept for the 1961 survey year by the Bureau has brought about certain revisions to the two industries comprising this major industrial sub-group. These revisions are outlined in Sections 1 and 2, respectively, of this report.

For changes made between the 1959 and 1960 annual surveys, both in the composition of the two industries concerned and in the contents of this report, reference should be made to the general introduction of the 1960 report in this series.

SECTION 1. SPORTING GOODS INDUSTRY, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about minor revisions to this industry. 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 (Table 1) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

In view of the minor changes to this industry, 1960 figures have been shown in many tables in this section of the report. However, it should be noted that, with the exception of Table 1, such

industry data are based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept. Table 4 presents the shipments of sporting goods by all industries for both 1960 and 1961. In this table attention is drawn to the 1960 revisions, which reflect largely a further implementation of the Standard Commodity Classification approach.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of certain tables normally contained in this section of the report. It is planned to resume publication of these tables in the 1962 report. The tables affected are the following: List of firms - Imports - Exports.

TABLE 1. Principal Statistics of the Sporting Goods Industry, Representative Years, 1928-59 and by Provinces, 1960 and 1961

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 prior to 1960							
	number		dollars				
1928	22	496	466,139	18,592	878,529	1,099,902	1,997,023
1930	27	622	612,133	24,176	950,274	1,345,478	2,319,928
1933	33	540	387,578	20,817	440,362	635,390	1,096,569
1936	36	671	543,774	33,860	716,613	1,012,375	1,762,848
1937	33	664	551,462	32,479	781,147	923,891	1,737,517
1939	33	689	694,531	34,273	906,534	1,148,596	2,089,403
1942	36	797	912,493	39,373	1,347,262	1,263,384	2,650,019
1945	36	1,101	1,433,218	14,964	3,294,096	2,195,580	5,504,640
1947	56	1,487	2,318,966	70,486	3,050,565	3,586,047	6,707,098
1949	64	2,013	3,628,637	100,516	3,627,429	4,926,140	8,654,085
1951	78	1,732	3,659,189	121,871	4,064,663	6,250,278	10,436,812
1952	77	1,541	3,687,606	136,630	3,694,839	6,147,917 ²	9,979,386
1953	82	1,768	4,185,559	121,466	4,729,505	7,779,456 ²	12,630,427
1954	82	1,664	4,131,191	147,838	5,083,136	6,998,099	12,084,703
1955	92	1,828	4,500,836	174,637	4,975,649	7,841,030	13,032,152
1956	95	1,979	5,439,728	208,219	6,105,140	9,338,370	15,528,074
1957	89	1,960	5,495,428	213,641	6,508,338	10,019,178	16,407,168
1958	95	2,152	6,315,049	240,306	8,018,530	11,929,399	20,453,260
1959	94	2,452	7,705,441	260,091	9,777,475	17,179,918	26,804,673
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number		dollars				
1957	100	2,790	8,323,376	333,538	9,389,099	..	24,336,797
1958	104	2,904	9,017,434	349,687	10,580,558	16,546,978	27,563,350
1959	103	3,318	11,194,233	393,265	12,796,718	23,558,243	35,460,121
1960							
Canada	107	3,451	12,356,571	417,248	16,890,970	20,793,066	37,642,356
Quebec	29	794	2,320,850	93,389	2,419,216	3,530,204	5,997,009
Ontario	58	2,567	9,802,775	311,281	14,207,436	16,867,106	30,946,981
Other provinces ⁴	20	90	232,946	12,578	264,318	395,756	698,366
1961							
Canada	107	3,440	12,736,877	442,993	19,640,754	24,393,535	43,280,687
Quebec	30	912	2,473,965	112,742	2,894,499	3,471,094	6,467,082
Ontario	57	2,431	9,984,710	317,499	16,422,606	20,441,641	36,017,626
Other provinces ⁴	20	97	278,202	12,752	323,649	480,800	795,979

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 Manitoba, 2; Saskatchewan, 1; Alberta, 1; British Columbia, 16.

TABLE 4. Inventories, 1962

Province	Raw materials and supplies ^a	Work in process	Finished goods of own manufacture	Total
Canada				
Quebec	301,250	347,484	333,450	1,082,184
Ontario	4,132,933	8,227,249	7,765,861	20,126,043
Manitoba, Saskatchewan and Alberta	14,810	1,725	4,870	21,305
British Columbia	100,907	15,214	29,807	145,928
Canada	4,550,800	8,691,672	8,133,988	31,376,460
United Kingdom				
England	857,007	125,384	350,114	1,332,505
Scotland	3,507,708	1,080,228	3,233,781	7,821,717
Wales and Northern Ireland	16,220	3,569	10,020	29,809
United Kingdom	4,380,935	1,209,181	3,593,915	9,184,031

^a Book value of all work-in-process inventories held at plant and plant warehouses.

^b The opening inventory for 1962 differs from the closing inventory for 1961 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.

TABLE 5. Factory Shipments, 1960 and 1961

Product ^a	1960 ^b value	1961 value
dollars		
Archery tackle	183,151	190,268
Baseball equipment and supplies, all kinds bats, gloves, and baseball bats	1,081,173	1,452,880
Baseball equipment and supplies, all kinds mitts, helmets and football equipment and supplies, all kinds	—	—
Golf equipment and supplies, all kinds	1,741,353 ^c	4,245,398
Hockey equipment and supplies, all kinds	853,327	4,323,374
Boxing equipment and supplies, all kinds	181,268	829,300
Ice hockey, tennis and squash equipment and supplies, all kinds	202,858	244,265
Rowing clubs	—	—
Fishing boats	1,201,438	2,542,833
Fishing boats, other	—	—
Rowing equipment	800,103	518,577
Rowing equipment, oars, blades, etc., (miscellaneous)	—	—
Rowing equipment, oars, blades, etc., (house)	—	—
Traps and field equipment, n.e.c.	—	—
Miscellaneous equipment (baseball, basketball, croquet and volleyball)	270,316	254,168
All other sporting goods (including ice skates and roller skates)	14,024,100	14,752,553
All other goods	4,294,542	8,977,524
Amount reduced & reported as work done on contracts ordered by others	515,512	80,430
Less adjustment for value of value added tax, excise duties and outward transportation charges which have not been deducted from individual commodity items detailed above	—	277,174
Total value of shipments and work done	27,882,154	40,560,641

^a The above table includes only the output of those manufacturing establishments whose principal products are sporting equipment, supplies and accessories. It does not necessarily represent Canadian totals as sporting goods are also made as secondary products by firms in other industries. The total figures from all industries are shown in Table 6.

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

^c Confidential; included in "All other sporting goods."

TABLE 4. Shipments of Sporting Goods¹ by All Industries, 1960 and 1961^P

Product	1960		1961 ^P	
	Quantity	Value \$	Quantity	Value \$
Archery tackle .....	...	185, 151	...	196, 995
Baseballs	doz. 31, 597	377, 382	28, 750	341, 105
Softballs	" 31, 990	429, 772	31, 006	407, 702
Balls, other (basket, golf, footballs, soccer, tennis, etc.) .....	...	1, 746, 242	...	1, 768, 418
Bats (baseball and softball)	No. 168, 339	118, 369	209, 407	151, 003
Bicycles, and bicycle parts .....	...	2	...	2
Billiard and bowling equipment and supplies .....	...	2	...	2
Fishing rods	No. 406, 213	915, 086	303, 068	846, 158
Fishing lures	" ...	760, 850	3, 038, 443	761, 444
Fishing tackle, other .....	...	872, 032 ^F	...	871, 942
Gloves and mitts - Baseball	No. 134, 265	585, 417	108, 039	514, 376
Hockey	pair 140, 991 ^F	765, 893	156, 857	869, 520
Boxing, etc., n.e.s.	" 158, 250	241, 514	257, 198	342, 659
Golf clubs, complete	No. 438, 589	2, 617, 382	489, 431	3, 011, 973
Golf equipment, other .....	...	179, 914	...	247, 641
Gymnasium equipment and supplies .....	...	915, 049	...	831, 605
Hockey pucks .....	...	2	...	2
Hockey sticks	doz. 324, 397	2, 354, 553	348, 119	2, 503, 210
Playground equipment (swings, slides, etc), commercial .....	...	249, 000 ^F	...	340, 257
Playground equipment (swings, slides, etc), home .....	...	1, 075, 779	...	1, 202, 089
Track and field equipment, n.e.s. ....	...	2	...	2
Racquets and frames, tennis	No. 38, 249	194, 039	46, 199	219, 131
Racquets and frames, badminton and squash .....	" ...	...	...	...
Skates, ice	pair 2, 647, 106	2, 725, 359	2, 460, 920	2, 814, 061
Skates, roller .....	...	2	...	2
Skis (snow and water)	pair 79, 781	609, 825	101, 652	754, 813
Ski poles and fittings, snow .....	...	149, 177	...	228, 695
Sporting goods, all other .....	...	16, 980, 758 ^{F,3}	...	24, 859, 097
Totals .....	...	35, 048, 543^F	...	44, 083, 894

¹ Does not include ammunition, sporting rifles and other firearms, tents and other canvas products, sleeping bags, and pleasure boats and accessories, generally regarded by the trade as being "Sporting Goods" but not classified as such in the Standard Commodity Classification.

² Confidential: included in "All other sporting goods".

³ Revised to exclude sleeping bags, and pleasure boats and accessories, since these commodities are not classified as "Sporting goods" in the Standard Commodity Classification.

TABLE 5. Employees and their Earnings, by Provinces, 1960 and 1961

Province	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1960¹								
Quebec	62	24	526	182	794	454, 400	1, 866, 450	2, 320, 850
Ontario	357	274	1, 430	508	2, 569	2, 818, 966	6, 989, 809	9, 808, 775
Other Provinces	17	8	36	29	90	73, 880	159, 066	232, 946
Canada	436	306	1, 992	719	3, 453	3, 347, 246	9, 015, 325	12, 362, 571
1961								
Quebec	83	26	578	225	912	543, 280	1, 930, 685	2, 473, 965
Ontario	310	228	1, 409	484	2, 431	2, 639, 349	7, 345, 361	9, 984, 710
Other Provinces	25	12	28	32	97	114, 063	164, 139	278, 202
Canada	418	266	2, 015	741	3, 440	3, 296, 692	9, 440, 185	12, 736, 877

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

TABLE 6. Production Workers, by Months, 1961

Month	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
January.....	1,666	532		
February.....	1,653	554		
March.....	1,653	567	262	109
April.....	1,646	615		
May.....	1,696	600		
June.....	1,682	627	296	103
July.....	1,632	602		
August.....	1,711	622		
September.....	1,680	630	311	90
October.....	1,671	643		
November.....	1,722	669		
December.....	1,569	526	264	100
Average for establishments reporting monthly detail.....			1,666	599
Average for establishments reporting quarterly detail.....			285	102
Average for small establishments ³			64	40
Average for all establishments.....			2,015	741

¹ The number of production workers, by months, was collected only for large establishments.

² The number of production workers, by quarters, was collected only for medium-size establishments.

³ The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.

TABLE 7. Principal Statistics, grouped by Size of Establishment, 1960 and 1961

Shipment size	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
1960 ¹						
Under \$10,000.....	18	25	48,602	2,871	26,862	91,055
\$ 10,000 to \$ 24,999.....	16	42	106,539	4,409	86,836	258,943
25,000 " 49,999.....	21	119	303,838	10,929	286,923	805,645
50,000 " 99,999.....	11	82	243,530	7,468	277,339	758,519
100,000 " 199,999.....	13	232	660,910	30,386	746,791	1,819,284
200,000 " 499,999.....	16	549	1,694,586	52,686	2,430,126	5,196,741
500,000 and over.....	14	2,404	9,304,566	308,563	13,039,393	28,952,307
Totals.....	109	3,453	12,362,571	417,312	16,894,270	37,882,494
1961						
Under \$10,000.....	18	23	44,198	2,320	20,724	81,463
\$ 10,000 to \$ 24,999.....	16	45	125,134	5,140	109,731	287,277
25,000 " 49,999.....	15	84	221,715	8,372	169,176	536,407
50,000 " 99,999.....	17	157	438,849	28,978	521,465	1,175,615
100,000 " 199,999.....	13	212	663,208	29,097	831,449	1,900,801
200,000 " 499,999.....	15	547	1,713,638	51,748	2,576,302	5,021,881
500,000 " 999,999.....	5	323	1,172,845	53,861	1,557,642	3,424,386
1,000,000 and over.....	8	2,049	8,357,290	263,477	13,854,265	30,852,857
Totals.....	107	3,440	12,736,877	442,993	19,640,754	43,280,687

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

TABLE 8. Principal Statistics, classified according to Type of Ownership, 1950 and 1961

Type of ownership	Number establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
1950 ^a						
Individual ownership	75	18	152,149	11,770	277,246	591,758
Partnership	7	374	93,484	1,870	87,371	172,226
Incorporated companies	23	9,222	17,667,823	408,757	18,612,374	37,294,354
Totals	205	9,424	17,913,456	422,397	19,004,270	37,058,338
1961						
Individual ownership	30	60	177,387	12,028	257,125	31,743
Partnership	9	72	221,797	5,185	187,458	142,577
Incorporated companies	68	3,271	11,221,613	428,788	18,298,179	32,294,767
Totals	107	3,403	11,720,797	445,999	18,942,762	64,239,087

^a Based on the revised 1950 Standard Industrial Classification without revision for the New Establishment Concept.

TABLE 9. Principal Statistics, grouped by Number of Employees, 1950 and 1961

Group size	Number establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
1950 ^a						
Under 5 employees	11	81	274,507	28,734	252,007	631,245
5 to 14 employees	11	731	437,749	2,703	250,397	2,057,241
15 " 49 "	22	558	1,791,814	81,672	2,429,410	1,468,295
50 " 99 "	3	651	3,101,341	75,557	2,280,169	3,347,082
100 and over	7	1,927	7,427,826	241,674	11,388,803	24,798,034
Totals	100	3,428	12,203,237	427,240	16,608,686	34,088,497
1961						
Under 5 employees	45	64	282,869	18,028	295,354	478,723
5 to 14 employees	10	720	477,654	50,610	743,524	1,076,184
15 " 49 "	23	538	1,711,542	84,294	2,397,212	3,088,792
50 " 99 "	8	619	1,750,971	74,385	2,393,233	4,102,642
100 and over	4	1,043	6,207,295	279,478	12,454,263	20,852,857
Totals	107	3,444	12,229,571	442,685	18,940,784	63,288,087

^a Based on the revised 1950 Standard Industrial Classification without revision for the New Establishment Concept.

TABLE 10. Consumption of Fuel and Electricity, 1951

Item	Quantity	Cost of plant
1. Establishments reporting complete detail ^a		
Bituminous coal		
(a) From Canadian mines	ton	160
(b) Imported	"	3,287
Gasoline (including aviation fuel in cars and trucks)	imp. gal.	87,348
Fuel oil (including kerosene or diesel oil)	"	381,883
Wood	cord	73
Gas		
(a) Unrefined petroleum gas	gal.	172,722
(b) Other manufactured gas	"	19,270
(c) Natural gas	M cu. ft.	3,948
Other fuel	"	...
Electricity purchased	kwh.	10,513,577
Steam purchased	lb.	1,360,000
2. Establishments reporting group detail ^b		
Cost of fuel	...	35,451
Cost of electricity	...	27,368
3. Estimate for establishments to which no data were collected ^c		
Cost of fuel and electricity	...	16,646
4. All establishments		
Total cost of fuel and electricity	...	442,920

^a Large establishments.

^b Medium-size establishments.

^c Small establishments.

SECTION 2. TOYS AND GAMES INDUSTRY, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about certain revisions to this industry. 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 (Table 11) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

Because of the changes to this industry outlined above, only 1961 data have been shown in

this section of the report, with the exception of Tables 11 and 14. The shipments of toys and games by all industries for both 1960 and 1961 are given in Table 14.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of certain tables normally contained in this section of the report. It is planned to resume publication of these tables in the 1962 report. The tables affected are the following: List of firms—Imports—Exports.

TABLE 11. Principal Statistics, Toys and Games Industry, Representative Years, 1926 - 60 and by Provinces, 1961

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 prior to 1960							
	number		dollars				
1926	13	144	124,617	3,820	242,728	232,169	478,717
1928	10	129	114,055	4,332	213,541	212,244	430,117
1930	9	88	66,411	2,606	111,590	121,609	235,805
1932	12	206	163,376	4,379	186,490	324,828	515,697
1933	12	152	98,150	2,308	114,460	287,126	403,894
1937	13	282	206,238	12,861	318,363	463,171	794,395
1939	13	348	273,589	15,562	411,740	566,338	993,640
1941	19	547	403,322	15,858	706,570	743,342	1,465,770
1942	28	678	599,228	18,048	826,580	1,097,499	1,942,117
1943	45	975	887,665	21,279	1,118,028	1,748,216	2,887,523
1944	51	1,230	1,153,044	24,168	1,643,253	2,288,377	3,955,798
1945	56	1,428	1,473,937	41,331	1,876,656	2,892,078	4,810,065
1946	50	1,456	1,736,996	56,817	2,224,510	3,327,996	5,609,323
1947	47	1,203	1,639,592	50,688	1,836,849	2,324,178	4,211,715
1948	45	1,086	1,730,713	37,962	2,313,113	3,111,152	5,462,227
1949	56	1,448	2,645,957	82,426	3,691,073	4,277,234	8,050,733
1950	56	1,624	3,032,658	90,619	4,371,643	4,983,448	9,445,710
1951	53	1,432	3,099,681	79,645	4,611,546	4,925,841	9,617,032
1952	58	1,484	2,989,220	103,471	5,087,008	5,224,167 ²	10,414,646
1953	55	1,551	3,475,270	128,840	5,948,744	5,291,829 ²	11,369,413
1954	52	1,337	3,134,766	119,784	5,608,244	5,145,063	10,937,953
1955	56	1,405	3,320,076	139,954	6,231,378	5,762,524	12,311,395
1956	67	1,741	4,028,376	206,603	8,298,927	7,328,702	15,444,080
1957	68	2,185	5,118,908	241,822	9,932,102	9,949,330	19,811,595
1958	71	2,246	5,746,701	253,848	11,170,449	11,704,507	22,843,375
1959	69	2,634	6,645,893	254,575	12,568,580	12,830,582	25,148,933
Basis: Standard Industrial Classification and New Establishment Concept ³							
	number		dollars				
1957	67	2,133	4,993,403	234,344	9,202,676	..	18,682,151
1958	70	2,186	5,611,839	248,587	10,703,594	10,598,537	21,279,139
1959	67	2,542	6,420,217	245,605	11,927,029	11,984,446	23,817,602
1960	71	2,782	7,123,806	251,769	12,898,501	12,170,419	24,996,422
1961							
Canada	73	2,831	7,467,934	264,407	14,820,448	14,397,393	29,614,301
Quebec	16	706	1,725,899	62,265	3,080,423	3,750,950	7,004,054
Ontario	50	2,104	5,707,598	200,612	11,695,205	10,590,003	22,515,976
Other provinces ⁴	7	21	34,437	1,530	44,820	56,440	94,271

¹ Figures up to and including 1951 represent 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 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, 3: Manitoba, 2: British Columbia, 2.

TABLE 12. Inventories,¹ 1961

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: ²				
Quebec	1, 111, 862	48, 798	921, 759	2, 082, 419
Ontario	2, 072, 243	478, 013	1, 318, 281	3, 868, 537
Other provinces	19, 950	8, 000	1, 993	29, 943
Canada	3, 204, 055	534, 811	2, 242, 033	5, 980, 899
Closing:				
Quebec	993, 250	40, 704	819, 437	1, 853, 391
Ontario	2, 390, 169	586, 567	1, 179, 571	4, 156, 307
Other provinces	20, 252	8, 878	9, 634	38, 764
Canada	3, 403, 671	636, 149	2, 008, 642	6, 048, 462

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

² 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.

TABLE 13. Factory Shipments, 1961

Products	Quantity	Value
	doz.	\$
Dolls	1	1
Dolls' furnishings	1	1
Metal toys .....	...	2, 161, 323
Plastic toys (including inflatable type).....	...	9, 949, 811
Wooden toys .....	...	495, 509
Stuffed animals, etc.	166, 616	2, 932, 779
Toy vehicles .....	...	1
Other toys .....	...	10, 633, 421
Games and puzzles	403, 419	2, 116, 730
All other products .....	...	1, 768, 400
Amount received in payment for work done on materials owned by others ....	...	18, 564
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above		462, 236
Total value of shipments and work done		29, 614, 301

¹ Confidential. Included with "Other toys".

Note: The above table includes only the statistics of these manufacturing establishments whose principal products are toys and games. The figures do not necessarily represent Canadian totals as toys and games are also made as secondary products by firms in other industries. The total figures for all industries are shown in Table 14.

TABLE 14. Shipments of Toys and Games¹ by All Industries, 1960 and 1961^P

Products	1960		1961 ^P	
	Quantity	Value	Quantity	Value
		\$		\$
Balloons	gross 324, 234	626, 541	328, 561	596, 762
Dolls' carriages (including prams and strollers)	No. 229, 822	883, 514	174, 403	948, 808
Dolls' furniture .....	...	208, 039 ^f	...	106, 975
Dolls	doz. 268, 364	4, 458, 114	170, 098	4, 300, 479
Dolls' clothes, shoes, etc. ....	...	551, 608	...	479, 191
Play balls, rubber and plastic (including bladders for footballs, etc.)	doz. ...	650, 522	361, 425	776, 138
Pools, wading	No. 2	2	95, 010	752, 284
Sleighs, children's	" 169, 560	459, 142	146, 630	383, 323
Toboggans	" 149, 068	1, 028, 753	272, 661	1, 180, 307
Tricycles, all types	" 176, 078	1, 611, 126	166, 153	1, 297, 327
Other children's vehicles .....	...	1, 109, 685	...	807, 144
Games and puzzles .....	...	3, 608, 184	...	4, 216, 479
Metal toys .....	...	1, 257, 024	...	2, 256, 743
Plastic toys .....	...	9, 487, 636	...	11, 861, 018
Rubber toys and novelties .....	...	110, 662	³	³
Stuffed animals	doz. 157, 872	2, 977, 339	166, 616	2, 932, 779
Wooden toys .....	...	848, 828	...	766, 176
Miscellaneous toys (including toy vehicles) .....	...	3, 179, 220 ^f	...	3, 469, 819
Total value of shipments .....	...	33, 055, 937	...	37, 131, 752

¹ These data do not include Christmas decorations, displays and Christmas tree holders; artificial Christmas trees; school bags; brief, stationery and portfolio cases and bags; playing cards; home playground equipment; and Christmas tree lighting sets and bulbs. All of these commodities are generally regarded by the trade as being "Toys and Games", but are not classified as such in the Standard Commodity Classification. The total shipments of these products by all Canadian manufacturers; with the exception of Christmas tree lighting sets and bulbs for which no separate data are available, were valued at \$7,580,257 in 1960 and, on a preliminary basis, at \$8,429,624 in 1961.

² Not collected separately in 1960.

³ Confidential: included in "Miscellaneous toys".

TABLE 15. Employees and their Earnings, by Province, 1961

Province	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Canada	209	200	946	1, 476	2, 831	1, 972, 358	5, 495, 576	7, 467, 934
Quebec	49	35	281	341	706	333, 935	1, 391, 964	1, 725, 899
Ontario	156	162	657	1, 129	2, 104	1, 626, 491	4, 081, 107	5, 707, 598
Other provinces	4	3	8	6	21	11, 932	22, 505	34, 437

TABLE 16. Production Workers, by Month, 1961

Month	Establishments reporting monthly detail ¹	
	Male	Female
January	747	945
February	780	960
March	833	1,018
April	855	1,121
May	882	1,277
June	911	1,361
July	929	1,484
August	1,023	1,835
September	1,066	1,991
October	1,059	2,029
November	1,038	1,901
December	736	958
Average for establishments reporting monthly detail	905	1,407
Average for small establishments ²	41	69
Average for all establishments	946	1,476

¹ The monthly detail of production workers was not collected from medium-size establishments. Quarterly detail reported by these establishments was included in each month's total.

² The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.

TABLE 17. Principal Statistics, grouped by Size of Establishment, 1961

Shipment size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
Under \$10,000	8	11	16,833	730	11,669	32,199
\$ 10,000 to \$ 24,999	10	32	61,174	2,421	55,634	152,201
25,000 " 49,999	8	46	106,736	3,268	123,744	284,420
50,000 " 99,999	12	97	255,880	13,567	374,094	834,431
100,000 " 199,999	8	115	268,244	12,195	655,530	1,130,678
200,000 " 499,999	6	225	604,224	24,035	1,246,203	2,235,311
500,000 " 999,999	11	558	1,594,999	55,520	4,777,989	7,904,699
1,000,000 and over	10	1,747	4,559,844	152,671	7,575,585	17,040,362
Totals	73	2,831	7,467,934	264,407	14,820,448	29,614,301

TABLE 18. Principal Statistics, classified according to Type of Ownership, 1961

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
Individual ownership	18	64	160,807	5,301	165,815	398,175
Partnerships	9	178	429,557	17,294	1,038,093	1,990,359
Incorporated companies	46	2,589	6,877,570	241,812	13,616,540	27,225,767
Totals	73	2,831	7,467,934	264,407	14,820,448	29,614,301

TABLE 19. Principal Statistics, grouped by Number of Employees, 1961

Group size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
Under 5 employees	23	55	115,855	3,887	172,173	406,952
5 to 14 employees	19	172	419,376	20,053	1,224,759	2,047,604
15 " 49 "	12	311	875,324	22,484	2,861,528	5,026,522
50 " 99 "	11	632	1,739,045	66,107	4,169,050	7,256,098
100 and over	8	1,661	4,318,334	151,876	6,392,938	14,877,125
Totals	73	2,831	7,467,934	264,407	14,820,448	29,614,301

TABLE 20. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton	106
(b) Imported	"	116
Anthracite coal	ton	51
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	45,850
Fuel oil, including kerosene or coal oil	"	345,266
Wood		-
Gas:		
(a) Liquefied petroleum gases	gal.	160,878
(b) Other manufactured gas		-
(c) Natural gas	M cu. ft.	18,027
Electricity purchased	kwh.	9,855,476
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	14,361
3. All establishments:		
Total cost of fuel and electricity	264,407

¹ Large establishments.² Small establishments.

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