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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

GENERAL MANUFACTURES BRANCH

REPORT

ON THE

MUSICAL INSTRUMENT INDUSTRY

IN

CANADA

1937



OTTAWA
1938

Price 15 cents

NOTE:- The statistics in this report include only the statistics of those manufacturing establishments whose principal products are musical instruments. Statistics relating to specific products such as radios are not to be regarded as the total for Canada as they are also produced in the "electrical apparatus" and "furniture" industries.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

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THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

The report on the musical instrument industry for the year 1937 is presented herewith. This report includes statistics relating to the production of musical instruments of every description, all materials and parts of same, phonographs and accessories, such as records, cabinets, etc.

Reports were received from seventeen establishments which were located as follows: Quebec five, Ontario eleven and British Columbia one. This is two less establishments than in 1936.

These seventeen factories represented a total capital investment of \$2,405-317. The number of persons employed totalled 579 with a payroll amounting to \$545,665. The cost of materials used was \$452,336 whilst the value of production amounted to \$1,211,288.

The output of the musical instrument industry which for some years past had been growing smaller and smaller has in 1937 shown a marked improvement. The number of pianos manufactured and in process of manufacture in 1937 was 4,020 valued at \$601,802 as compared with 2,096 pianos valued at \$315,045 the previous year, an increase of over 91 per cent in the number of instruments. The gross value of all products also shows an increase from \$750,916 to \$1,211,288 or more than 61 per cent. Marked increases were also reported in the number of employees, salaries and wages, and materials used. The main products of this industry, viz., the radios and phonographs, are now produced in the electrical apparatus industry. The output of these manufactures, however, cannot be credited to this industry in view of the fact that electrical apparatus and not radios and phonographs form their main products. To get the total output of radios and phonographs, it is necessary to add the production in the following industries.

Electrical apparatus and supplies.
Furniture.

The number of employees and salaries and wages paid rose from 434 persons the previous year to 579 in 1937 while the remuneration increased from \$379,229. to \$545,665. This represents an increase of 33 per cent in the number employed and 44 per cent in the total salaries and wages paid.

Imports of musical instruments in 1937 were valued at \$1,010,028 as compared with \$761,822 in 1936, while exports amounted to \$77,233 in 1937 and \$72,606 in 1936.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

The tables that follow give detailed statistics of production, employment, materials used, capital invested, imports, exports, etc.

Table 1. - Principal Statistics of the Musical Instrument Industry
Compared, 1925 to 1937.

Year and Provinces	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1925	48	13,727,283	2,753	3,182,854	4,031,417	8,958,140
1926	45	13,653,107	3,185	3,751,699	4,510,560	10,873,293
1927	47	15,415,158	3,201	3,789,840	5,710,793	11,756,474
1928	42	14,050,702	2,983	3,516,852	5,083,766	12,282,589
1929	42	14,401,537	2,734	3,339,806	6,802,758	13,505,238
1930	32	9,076,086	1,728	2,114,827	4,338,816	8,250,887
1931	30	7,872,977	1,556	1,807,846	2,805,941	5,496,471
1932	20	5,107,534	1,080	993,941	1,141,198	2,561,125
1933	18	4,753,053	784	708,550	781,151	1,615,760
1934	19	4,608,820	978	923,247	1,364,564	2,717,865
1935	15	2,451,673	329	286,375	174,797	535,668
<u>1 9 3 6</u>						
CANADA	19	2,203,805	434	379,229	253,862	750,916
Quebec	6	1,128,484	175	152,582	92,559	346,211
Ontario and British Columbia.	13	1,075,321	259	226,647	161,303	404,705
<u>1 9 3 7</u>						
CANADA	17	2,405,317	579	545,665	452,336	1,211,288
Quebec	5	1,140,302	236	216,595	135,942	557,938
Ontario and British Columbia.	12	1,265,015	343	329,070	316,394	653,350

The decrease in the principal statistics since 1935 is due to the transfer of a large firm manufacturing radios and phonographs to the electrical apparatus industry.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 2. - Comparison of Principal Statistics, 1936 and 1937.

Items	1 9 3 6	1 9 3 7	+ Increase - Decrease
Establishments reporting No.	19	17	- 2
Capital invested \$	2,203,805	2,405,317	+ 201,512
Employees on salaries -			
Male No.	52	49	- 3
Female No.	12	14	+ 2
Total salaries \$	83,217	89,654	+ 6,437
Employees on wages -			
Male No.	356	505	+ 149
Female No.	14	11	- 3
Total wages \$	296,012	456,011	+ 159,999
Power installed -			
Units No.	155	154	- 1
Horsepower capacity H.P.	1,196	1,472	+ 276
Cost of fuel and electricity \$	39,304	41,230	+ 1,926
Cost of materials used \$	253,862	452,336	+ 198,474
Gross value of production \$	750,916	1,211,288	+ 460,372
Value added by manufacture ⁺ \$	457,750	717,722	+ 259,972

+ Gross value of production less cost of materials, fuel and electricity.

Size of Establishments

In view of the tendency towards concentration in industrial enterprises, a series of tables have been prepared presenting in a threefold way the size of establishments in the musical instrument industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed, all within certain specified groups or limitations for the calendar years 1936 and 1937. The tables further indicate the movement of capital, production and employment within the industry.

In 1937 the number of establishments reporting was seventeen with a total capital investment of \$2,405,317, a gross value of production of \$1,211,288 and a total employment of 579. Eight establishments had a capital investment of \$2,198-536 or 91 per cent of the total capitalization, with an average investment per factory of \$274,817. Seven establishments had a gross value of production of \$960,488 or 79 per cent of the total output and an average of \$137,212 per establishment. In employment ten establishments had 522 persons or 90 per cent of the total employment with an average of 52 per establishment.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Size of Establishments Measured by Capital Investment.

Establishments having a Capital Investment of: -	1 9 3 6			1 9 3 7		
	Estab-lish-ments	Total Capital	Average Capital per estab-lishment	Estab-lish-ments	Total Capital	Average Capital per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$100,000	12	280,647	23,387	9	206,781	22,976
\$100,000 to under \$200,000	3	413,942	137,981	3	415,757	138,585
\$200,000 and over ...	4	1,509,216	377,304	5	1,782,779	356,556
TOTAL AND AVERAGE	19	2,203,805	115,990	17	2,405,317	141,489

Size of Establishments Measured by Gross Value of Production.

Establishments having a Gross Value of Production of:-	1 9 3 6			1 9 3 7		
	Estab-lish-ments	Total Production	Average Production per estab-lishment	Estab-lish-ments	Total Production	Average Production per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	11	156,602	14,237	10	250,800	25,080
\$50,000 and over	8	594,314	74,289	7	960,488	137,212
TOTAL AND AVERAGE	19	750,916	39,522	17	1,211,288	71,252

Size of Establishments Measured by the Number of Persons Employed.

Establishments having an Average Employment of:-	1 9 3 6			1 9 3 7		
	Estab-lish-ments	Total Employees	Average Employees per estab-lishment	Estab-lish-ments	Total Employees	Average Employees per estab-lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees ..	10	100	10	7	57	8
20 employees and over	9	334	37	10	522	52
TOTAL AND AVERAGE	19	434	23	17	579	34

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 3. - Production in the Musical Instrument Industry in Canada, 1936 and 1937.

Principal Products	CANADA, 1936		CANADA, 1937	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Pianos -				
Upright	1,530	236,424	2,801	456,237
Grand	120	47,688	149	66,134
All other pianos	18	6,020	7	1,475
Pianos in process of manufacture ..	428	24,913	1,063	77,956
Organs -				
Pipe	41	160,666	55	215,233
All other organs	20	6,737	34	21,707
All other musical instruments 1/	-	91,949	-	78,560
All other products 2/	-	128,184	-	183,263
Repair work	-	48,335	-	110,723
TOTAL VALUE OF PRODUCTION	-	750,916	-	1,211,288

1/ Includes: gramophone and phonograph records, radio and phonograph combinations, radios complete, radio cabinets and radio parts and accessories.

2/ Includes: piano actions, player piano actions, hammers, organ and piano keys, strings, parts and accessories, stools and benches, etc.

Table 4. - Cost of Materials Used, 1936 and 1937.

Principal Materials	Unit of Measure	CANADA, 1936		CANADA, 1937	
		Quantity	Value	Quantity	Value
		No.	\$	No.	\$
Sawn lumber, softwood	M ft.b.m.	345	18,788	716	41,401
Sawn lumber, hardwood	M ft.b.m.	254	17,819	375	27,148
Veneers and plywood	M surf.ft.	355	10,120	573	25,542
Electric motors (all kinds)	Number	26	1,459	29	1,901
Piano wire	Pound	9,083	2,225	13,600	3,600
Other metal and metal parts	-	-	5,893	-	13,968
All other materials	-	-	194,575	-	334,170
Packing and shipping materials .	-	-	2,983	-	4,608
TOTAL COST OF MATERIALS USED	-	-	253,862	-	452,336

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 5. - Capital Invested by Classes, 1925 to 1937.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery tools, etc.	Inventory value of materials on hand, stocks in process, finished products, fuel and miscel- laneous supplies on hand	Operating Capital (Cash, bills and accounts receivable Prepaid ex- penses, etc.)	
	\$	\$	\$	\$
1925	5,664,998	4,044,285	4,018,000	13,727,283
1926	5,317,989	3,982,109	4,353,009	13,653,107
1927	5,876,012	3,935,257	5,603,889	15,415,158
1928	5,664,658	3,653,888	4,732,156	14,050,702
1929	5,682,709	3,934,866	4,783,962	14,401,537
1930	3,546,233	2,823,405	2,706,448	9,076,086
1931	3,544,804	2,019,841	2,308,332	7,872,977
1932	2,563,010	1,183,268	1,361,256	5,107,534
1933	2,492,033	1,135,406	1,130,614	4,758,053
1934	2,400,311	1,096,220	1,112,289	4,608,820
1935	1,372,924	594,511	484,238	2,451,673
<u>1 9 3 6</u>				
CANADA	1,333,240	459,738	410,827	2,203,805
Quebec	566,646	236,044	325,794	1,128,484
Ontario and British Columbia ...	766,594	223,694	85,033	1,075,321
<u>1 9 3 7</u>				
CANADA	1,346,094	601,993	457,230	2,405,317
Quebec	595,970	279,646	264,686	1,140,302
Ontario and British Columbia ...	750,124	322,347	192,544	1,265,015

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 6. - Employees by Sex and Remuneration, 1936 and 1937.

		1 9 3 6	1 9 3 7
Salaried Employees -			
Total	No.	64	63
Male	No.	52	49
Female	No.	12	14
Total salaries	\$	83,217	89,654
Wage-earners -			
Monthly average	No.	370	516
Male	No.	356	505
Female	No.	14	11
Total wages	\$	296,012	456,011
All Employees -			
Total	No.	434	579
Male	No.	408	554
Female	No.	26	25
Total salaries and wages	\$	379,229	545,665

Table 7. - Monthly Employment of Wage-earners, 1936 and 1937.

Months	1 9 3 6			1 9 3 7		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	326	13	339	463	11	414
February	325	12	337	502	11	513
March	337	11	348	516	11	527
April	303	12	315	517	9	526
May	281	13	294	491	8	499
June	307	15	322	471	10	481
July	331	14	345	470	10	480
August	368	14	382	512	10	522
September	380	13	393	507	10	517
October	419	14	433	543	8	551
November	448	15	463	549	8	557
December	450	14	464	554	9	563
MONTHLY AVERAGE	356	14	370	554	25	579

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1936 and 1937

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1936	1937		1936	1937
40 hours or less	106	22	51-53 hours	-	26
41-43 hours	-	8	54 hours	95	-
44 hours	90	141	55 hours	38	36
45-47 hours	-	27	56-59 hours	16	3
48 hours	4	84	60 hours and over.	42	91
49-50 hours	122	179			

The above table does not include overtime.

Table 9. - Power Installation, 1936 and 1937.

Classes of Power	1 9 3 6		1 9 3 7	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and turbines	5	475	7	755
Electric motors operated by purchased power -				
In use	142	647	140	644
Idle	8	74	7	73
TOTAL POWER USED IN MANUFACTURING	155	1,196	154	1,472
Boiler installation	15	1,400	9	760

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 10. -- Consumption of Fuel and Electricity, 1936 and 1937.

Kinds of Fuel	Unit of Measure	1 9 3 6		1 9 3 7	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Bituminous coal	Ton (2000 lbs.)	4,107	27,376	4,190	28,760
Anthracite coal	"	241	1,325	220	1,132
Coke	"	2	20	-	-
Gasoline	Imp. gal.	-	-	135	30
Wood	Cord	6	54	-	-
Gas, manufactured and natural	M cu. ft.	451	400	496	479
TOTAL COST OF FUEL		-	29,175	-	30,401
Electricity purchased (including service charges)	Kw. H.	488,284	10,129	546,196	10,829
TOTAL COST OF FUEL AND ELECTRICITY		-	39,304	-	41,230

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

Table 11. - Imports of Musical Instruments, Parts, Etc., 1936 and 1937.

Articles Imported	1 9 3 6		1 9 3 7	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Harps	6	1,410	2	423
Brass band instruments of a class or kind not made in Canada -- bag- pipes and complete parts thereof	-	73,061	-	76,068
Brass band instruments, n.o.p.	-	12,704	-	15,431
Cabinet organs	18	10,159	42	18,420
Pipe organs	9	10,149	6	4,954
Parts of organs	-	14,009	-	37,914
Pianofortes	202	67,913	201	74,978
Pianos, parts of	-	20,006	-	33,259
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	18,481	-	33,911
Phonographs, gramophones and finished parts	-	122,353	-	210,002
Cylinders and records for phonographs, etc.	-	100,269	-	151,390
Other musical instruments, n.o.p. ..	-	311,308	-	353,298
TOTAL VALUE OF IMPORTS	-	761,822	-	1,010,028

Table 12. - Exports of Musical Instruments and Parts, 1936 and 1937.

Articles Exported	1 9 3 6		1 9 3 7	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs	46	23,667	50	36,929
Pianos	100	16,032	105	15,878
Piano parts	-	18,513	-	17,413
Phonographs, gramophones and parts	-	2,451	-	2,247
All other musical instruments and parts, n.o.p.	-	11,943	-	4,766
TOTAL VALUE OF EXPORTS	-	72,606	-	77,233

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1937.

A P P E N D I X

Manufacturers of Pianos, Organs and Other Musical Instruments in 1937.

QUEBEC

Casavant Frères Limitée,
Odilon Jacques,

A. Lesage, (Lesage Pianos),
Willis & Company Limited,

St. Hyacinthe.
1 St. Michel (Village La Providence)
St. Hyacinthe, Que.
Ste. Thérèse de Blainville.
Dubois Street, Ste. Thérèse de Blainville. (H.O. - 1220 St. Catherine Street West, Montreal)

ONTARIO

Robb Wave Organ Co. Ltd.,
Sherlock-Manning Pianos Limited,
Heintzman & Company Limited,

C. Franklin Legge Organ Company Limited,
The Lye Organ Company,
Mason & Risch Limited,
R. S. Williams & Son Company Limited,
Woodstock Pipe Organ Builders Limited,

N. Station St., Belleville.
East Street, Clinton.
56 Heintzman Avenue, Toronto.
(H.O. - 195 Yonge Street, Toronto.)
918-920 Dufferin Street, Toronto.
Main Street & Stephenson Avenue, Toronto.
642 West King Street, Toronto.
431 King Street West, Toronto.
702-704 Dundas Street, Woodstock.

BRITISH COLUMBIA

Edmund Piano Company,

715 Carnarvon Street, New Westminster.

Manufacturers of Phonographs

QUEBEC

Compo Company Limited,

131 18th Avenue, Lachine.

Manufacturers of Musical Instrument Materials

ONTARIO

Sterling Action & Keys Limited,
D. M. Best & Company Limited,
W. Bohne Company Limited,

39 Alice Street, Brantford.
642 King Street West, Toronto.
516 West Richmond Street, Toronto.

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