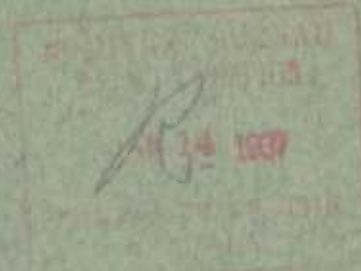


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE
MUSICAL INSTRUMENT INDUSTRY
IN
CANADA
1935

Published by Authority of the HON. W. D. EULER, M.P.,
Minister of Trade and Commerce.

OTTAWA
1937

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, 1935.

The report on the musical instrument industry for the year 1935 is presented herewith. This report includes statistics relating to the production of musical instruments of every description, all materials and parts of same, gramophones and phonographs and accessories such as records, cabinets, etc.

Reports were received from fifteen establishments which were located as follows: Quebec four, Ontario ten and British Columbia one. This is four less establishments than in 1934.

These fifteen factories represented a total capital investment of \$2,451,673. The total number of persons employed was 329 with a payroll amounting to \$286,375. The cost of materials used was \$174,797, whilst the value of production amounted to \$535,668.

A change was made in the composition of this industry in 1935. A large firm manufacturing radios and gramophones was transferred to the electrical apparatus industry.

The output of the musical instrument industry which for some years past had been growing smaller and smaller has in 1935 continued to show a downward trend. The number of pianos manufactured and in process of manufacture in 1935 was 1,060 valued at \$381,058 as compared with 1,309 pianos valued at \$240,230 the previous year, a decrease of over 19 per cent in the number of instruments. The gross value of all products also shows a decrease from \$2,717,865 to \$535,668, or more than 80 per cent. After allowance is made for the change, slight increases were reported by the remaining firms in the number of employees, salaries and wages, and gross value of production. The main products of this industry, viz., the radios and gramophones, 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 gramophones form their main products. To get the total output of radios and gramophones, it is necessary to add the production in the following industries.

Electrical apparatus and supplies.
Furniture.

There has also been a corresponding decline in the number of employees and salaries and wages paid. The former fell from 978 persons the previous year to 329 in 1935, while the remuneration decreased from \$925,247 to \$286,375. This represents a decrease of 66 per cent in the number employed and 69 per cent in the total salaries and wages paid.

Imports of musical instruments in 1935 were valued at \$531,865 as compared with imports valued at \$428,508 in 1934, while exports were valued at \$102,980 in 1935 and \$65,286 in 1934.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

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, 1924 to 1935.

Year and Provinces	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1924	50	13,757,288	2,789	3,106,617	3,926,199	8,728,878
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	4,758,053	784	708,550	781,151	1,615,760
<u>1 9 3 4</u>						
CANADA	19	4,608,820	978	923,247	1,364,564	2,717,865
Quebec	5	3,235,552	783	757,059	1,275,530	2,487,904
Ontario and British Columbia.	14	1,373,268	195	166,188	89,034	229,961
<u>1 9 3 5</u>						
CANADA	15	2,451,673	329	286,375	174,797	535,668
Quebec	4	1,243,486	124	119,795	77,652	296,164
Ontario and British Columbia.	11	1,208,187	205	166,580	97,145	239,504

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 2. - Comparison of Principal Statistics, 1934 and 1935.

Items	1934	1935	+ Increase - Decrease
Establishments reporting No.	19	15	- 4
Capital invested \$	4,608,820	2,451,673	- 2,157,147
Employees on salaries -			
Male No.	128	54	- 74
Female No.	41	13	- 28
Total salaries \$	309,352	88,198	- 221,154
Employees on wages -			
Male No.	582	251	- 331
Female No.	227	11	- 216
Total wages \$	613,895	198,177	- 415,718
Power installed -			
Units No.	559	116	- 443
Horsepower capacity H.P.	3,405	1,181	- 2,224
Cost of fuel and electricity .. \$	71,252	33,852	- 37,400
Cost of materials used \$	1,364,564	174,797	- 1,189,767
Gross value of production \$	2,717,865	535,668	- 2,182,197

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 1934 and 1935. The tables further indicate the movement of capital, production and employment within the industry.

In 1935 the number of establishments reporting was fifteen, with a total capital investment of \$2,451,673, a gross value of production of \$535,668, and a total employment of 329. Eight establishments had a capital investment of \$2,286,443 or 93 per cent of the total capitalization, with an average investment per factory of \$285,805. Four establishments had a gross value of production of \$311,812 or 58 per cent of the total output and an average of \$77,953 per establishment. In employment seven establishments had 260 persons or 80 per cent of the total employment with an average of 37 per establishment.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Size of Establishments Measured by Capital Investment.

Establishments having a Capital Investment of: -	1 9 3 4			1 9 3 5		
	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	10	275,229	27,522	7	165,230	23,604
\$100,000 to under \$200,000	3	386,507	128,836	3	373,891	124,630
\$200,000 and over ...	6	3,947,084	656,847	5	1,912,552	382,510
TOTAL AND AVERAGE.	19	4,608,820	242,570	15	2,451,673	163,445

Size of Establishments Measured by Gross Value of Production.

Establishments having a Gross Value of Production of: -	1 9 3 4			1 9 3 5		
	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	15	259,351	17,290	11	223,856	20,351
\$50,000 and over	4	2,458,514	614,629	4	311,812	77,953
TOTAL AND AVERAGE.	19	2,717,865	143,046	15	535,668	35,711

Size of Establishments Measured by the Number of Persons Employed.

Establishments having an Average Employment of: -	1 9 3 4			1 9 3 5		
	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 ..	11	81	7	8	69	9
20 employees and over	8	897 ^x	112	7	260	37
TOTAL AND AVERAGE.	19	978	51	15	329	22

^x Includes one firm with over 50 employees.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 3. - Production in the Musical Instrument Industry in Canada, 1934 and 1935.

Principal Products	CANADA, 1934		CANADA, 1935	
	Quantity	Value	Quantity	Value
	Number	\$	Number	\$
Pianos -				
Upright	379	60,229	554	85,261
Grand	163	66,485	127	55,203
All other pianos 1/	767	113,516	2	920
Pianos in process of manufacture	Cannot be shown		377	39,674
Organs -				
Pipe	-	-	25	135,310
All other organs	53	131,501	7	6,547
Phonograph records	Cannot be shown		Cannot be shown	
All other musical instruments 2/	-	2,218,591	-	75,087
All other products 3/	-	86,285	-	97,614
Repair work	-	41,258	-	40,052
TOTAL VALUE OF PRODUCTION	-	2,717,865	-	535,668

1/ Upright player pianos and pianos in process of manufacture are included under "all other pianos".

2/ Includes: gramophone and phonograph records, radio and phonograph combinations, radios complete, radio cabinets and radio parts and accessories. The decrease in production in 1935 was due to the transfer of one large firm to the electrical apparatus and supplies industry, which includes the production of radios.

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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 4. - Cost of Materials Used, 1934 and 1935.

Principal Materials	Unit of Measure	CANADA, 1934		CANADA, 1935	
		Quantity	Value	Quantity	Value
			\$		\$
Sawn lumber, softwood	M ft. b.m.	945	43,351	255	10,500
Sawn lumber, hardwood	M ft. b.m.	589	31,233	114	9,541
Veneers and plywood	M surf. ft.	2,139	48,037	199	6,691
Electric motors (all kinds)	Number	13	613	21	999
Piano wire	Pound	1,024	303	4,002	1,081
Other metal and metal parts	-	-	12,070	-	23,068
All other materials	-	-	1,199,323	-	122,084
Packing and shipping materials	-	-	29,654	-	833
TOTAL COST OF MATERIALS USED		-	1,364,564	-	174,797

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 5. -- Capital Invested by Classes, 1924 to 1935.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1924	5,663,981		4,420,480	3,672,827	13,757,288
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	1,370,692	649,149	2,308,332	7,872,977
1932	2,563,010	999,016	184,252	1,361,256	5,107,534
1933	2,492,033	1,075,800	59,606	1,130,614	4,758,053
<u>1934</u>					
CANADA	2,400,311	906,679	189,541	1,112,289	4,608,820
Quebec	1,570,992	464,687	157,735	1,042,138	3,235,552
Ontario and British Columbia	829,319	441,992	31,806	70,151	1,373,268
<u>1935</u>					
CANADA	1,372,924	594,511		484,238	2,451,673
Quebec	605,660	253,731		384,095	1,243,486
Ontario and British Columbia	767,264	340,780		100,143	1,208,187

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 6. - Employees by Sex and Remuneration, 1934 and 1935.

		1 9 3 4	1 9 3 5
Salaried Employees -			
Total	No.	169	67
Male	No.	128	54
Female	No.	41	13
Total salaries	\$	309,352	88,198
Wage-earners -			
Monthly average	No.	809	262
Male	No.	582	251
Female	No.	227	11
Total wages	\$	613,895	198,177
All Employees -			
Total	No.	978	329
Male	No.	710	305
Female	No.	268	24
Total salaries and wages	\$	923,247	286,375

Table 7. - Monthly Employment of Wage-earners, 1934 and 1935.

Months	1 9 3 4			1 9 3 5		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	489	200	689	162	10	172
February	502	200	702	205	10	215
March	494	177	671	237	10	247
April	488	181	669	247	12	259
May	430	162	592	251	13	264
June	506	157	663	251	12	263
July	568	197	765	256	11	267
August	671	235	906	253	12	265
September	713	305	1,018	273	10	283
October	740	360	1,100	300	12	312
November	754	325	1,079	300	11	311
December	617	227	844	256	12	268
MONTHLY AVERAGE ..	582	227	809	251	11	262

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1934 and 1935.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1934	1935		1934	1935
40 hours or less	92	87	51-53 hours	27	10
41-43 hours	34	4	54 hours	-	8
44 hours	37	103	55 hours	3	-
45-47 hours	36	9	56-59 hours	15	-
48 hours	107	61	60 hours and over	4	37
49-50 hours	846	6			

The above table does not include overtime.

Table 9. - Power Installation, 1934 and 1935.

Classes of Power	1 9 3 4		1 9 3 5	
	Number of Units	Manufacturers' Rating of Horse power Capacity	Number of Units	Manufacturers' Rating of Horse power Capacity
Steam engines and turbines	14	860	5	515
Electric motors operated by purchased power -				
In use	545	2,545	104	593
Idle			7	73
TOTAL POWER USED IN MANUFACTURING	559	3,405	116	1,181
Boiler installation	20	1,955	23	1,710

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 10. - Consumption of Fuel and Electricity, 1934 and 1935.

Kinds of Fuel	Unit of Measure	1 9 3 4		1 9 3 5	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Bituminous coal	Ton (2000 lbs.)	7,020	41,997	3,606	23,258
Anthracite coal	"	"	"	237	1,154
Coke	"	5	31	5	55
Wood	Cord	7	31	"	"
Gas, artificial and natural	M cu. ft.	588	601	385	389
Other fuel	"	"	1	"	"
TOTAL COST OF FUEL.		"	42,661	"	24,856
Electricity purchased (including service charges)	Kw. H.	1,841,494	28,591	408,623	8,996
TOTAL COST OF FUEL AND ELECTRICITY		"	71,252	"	33,852

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

Table 11. Imports of Musical Instruments, Parts, Etc., 1934 and 1935.

Articles Imported	1934		1935	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Brass band instruments of a class or kind not made in Canada -- bagpipes and complete parts thereof		42,503		45,231
Brass band instruments, n.o.p.		13,603		13,154
Cabinet organs	1	200	7	978
Pipe organs	2	822	5	6,287
Parts of organs		8,170		12,114
Pianofortes	100	34,268	125	41,857
Pianos, parts of		4,988		7,680
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)		5,542		9,482
Phonographs, gramophones and finished parts		55,685		47,553
Cylinders and records for phonographs, etc.		52,048		63,932
Other musical instruments, n.o.p.		210,679		283,597
TOTAL VALUE OF IMPORTS		428,508		531,865

Table 12. Exports of Musical Instruments and Parts, 1934 and 1935.

Articles Exported	1934		1935	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs	27	12,751	33	37,508
Pianos	83	15,308	84	15,882
Piano parts		23,557		24,079
Phonographs, gramophones and parts ..		3,191		17,678
All other musical instruments and parts, n.o.p.		10,479		7,833
TOTAL VALUE OF EXPORTS		65,286		102,980

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1935.

A P P E N D I X

Manufacturers of Pianos, Organs and Other Musical Instruments in 1935.

QUEBEC

Casavant Frères Limitée,
A. Lesage, (Lesage Pianos),
Willis & Company Limited,

St. Hyacinthe.
Ste. Thérèse de Blainville.
Dubois Street, Ste. Thérèse de Blainville.
(H.O. - 1220 St. Catherine Street West,
Montreal).

ONTARIO

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,

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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