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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

1936



OTTAWA
1937

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, 1936.

The report on the musical instrument industry for the year 1936 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 nineteen establishments which were located as follows: Quebec six, Ontario twelve and British Columbia one. This is four more establishments than in 1935.

These nineteen factories represented a total capital investment of \$2,203,805. The total number of persons employed was 434 with a payroll amounting to \$379,229. The cost of materials used was \$253,862 whilst the value of production amounted to \$750,916.

The output of the musical instrument industry which for some years past had been growing smaller and smaller has in 1936 shown a marked improvement. The number of pianos manufactured and in process of manufacture in 1936 was 2,096 valued at \$315,045 as compared with 1,060 pianos valued at \$181,058 the previous year, an increase of over 97 per cent in the number of instruments. The gross value of all products also shows an increase from \$535,668 to \$750,916 or more than 40 per cent. Slight increases were reported in the number of employees, salaries and wages, and materials used. 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.

The number of employees and salaries and wages paid rose from 329 persons the previous year to 434 in 1936 while the remuneration increased from \$286,375 to \$379,229. This represents an increase of 32 per cent in the number employed and 32 per cent in the total salaries and wages paid.

Imports of musical instruments in 1936 were valued at \$761,822 as compared with \$531,865 in 1935, while exports amounted to \$72,606 in 1936 and \$102,980 in 1935.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

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 1936.

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	4,758,053	784	708,550	781,151	1,615,760
1934	19	4,608,820	978	923,247	1,364,564	2,717,865
<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
<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

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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 2. - Comparison of Principal Statistics, 1935 and 1936.

Items	1 9 3 5	1 9 3 6	+ Increase - Decrease
Establishments reporting No.	15	19	+ 4
Capital invested \$	2,451,673	2,203,805	- 247,868
Employees on salaries -			
Male No.	54	52	- 2
Female No.	13	12	- 1
Total salaries \$	88,198	83,217	- 4,981
Employees on wages -			
Male No.	251	356	+ 105
Female No.	11	14	+ 3
Total wages \$	198,177	296,012	+ 97,835
Power installed -			
Units No.	116	155	+ 39
Horsepower capacity H.P.	1,181	1,196	+ 15
Cost of fuel and electricity ... \$	33,852	39,304	+ 5,452
Cost of materials used \$	174,797	253,862	+ 79,065
Gross value of production \$	535,668	750,916	+ 215,248

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

In 1936 the number of establishments reporting was nineteen with a total capital investment of \$2,203,805, a gross value of production of \$750,916 and a total employment of 434. Seven establishments had a capital investment of \$1,923,-158 or 87 per cent of the total capitalization, with an average investment per factory of \$274,737. Eight establishments had a gross value of production of \$594,314 or 79 per cent of the total output and an average of \$74,289 per establishment. In employment nine establishments had 334 persons or 77 per cent of the total employment with an average of 37 per establishment.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Size of Establishments Measured by Capital Investment.

Establishments having a Capital Investment of: -	1 9 3 5			1 9 3 6		
	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	7	165,230	23,604	12	280,647	23,387
\$100,000 to under \$200,000	3	373,891	124,630	3	413,942	137,981
\$200,000 and over ..	5	1,912,552	382,510	4	1,509,216	377,304
TOTAL AND AVERAGE	15	2,451,673	163,445	19	2,203,805	115,990

Size of Establishments Measured by Gross Value of Production.

Establishments having a Gross Value of Production of:-	1 9 3 5			1 9 3 6		
	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	223,856	20,351	11	156,602	14,237
\$50,000 and over	4	311,812	77,953	8	594,314	74,289
TOTAL AND AVERAGE	15	535,668	35,711	19	750,916	39,522

Size of Establishments Measured by the Number of Persons Employed.

Establishments having an Average Employment of: -	1 9 3 5			1 9 3 6		
	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 ..	8	69	9	10	100	10
20 employees and over	7	260	37	9	334	37
TOTAL AND AVERAGE	15	329	22	19	434	23

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 3. - Production in the Musical Instrument Industry in Canada, 1935 and 1936.

Principal Products	CANADA, 1935		CANADA, 1936	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Pianos -				
Upright	554	85,261	1,530	236,424
Grand	127	55,203	120	47,688
All other pianos	2	920	18	6,020
Pianos in process of manufacture ...	377	39,674	428	24,913
Organs -				
Pipe	25	135,310	41	160,666
All other organs	7	6,547	20	6,737
All other musical instruments 1/	-	75,087	-	91,949
All other products 2/	-	97,614	-	128,184
Repair work	-	40,052	-	48,335
TOTAL VALUE OF PRODUCTION	-	535,668	-	750,916

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, 1935 and 1936.

Principal Materials	Unit of Measure	CANADA, 1935		CANADA, 1936	
		Quantity	Value	Quantity	Value
			\$		\$
Sawn lumber, softwood	M ft.b.m.	255	10,500	345	18,788
Sawn lumber, hardwood	M ft.b.m.	114	9,541	254	17,819
Veneers and plywood	M surf. ft.	199	6,691	355	10,120
Electric motors (all kinds) ..	Number	21	999	26	1,459
Piano wire	Pound	4,002	1,081	9,083	2,225
Other metal and metal parts ..	-	-	23,068	-	5,893
All other materials	-	-	122,084	-	194,575
Packing and shipping materials	-	-	833	-	2,983
TOTAL COST OF MATERIALS USED	-	-	174,797	-	253,862

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 5. - Capital Invested by Classes, 1925 to 1936.

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
<u>1 9 3 5</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
<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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 6. - Employees by Sex and Remuneration, 1935 and 1936.

		1 9 3 5	1 9 3 6
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Salaried Employees -			
Total	No.	67	64
Male	No.	54	52
Female	No.	13	12
Total salaries	\$	88,198	83,217
 Wage-earners -			
Monthly average	No.	262	370
Male	No.	251	356
Female	No.	11	14
Total wages	\$	198,177	296,012
 All Employees -			
Total	No.	329	434
Male	No.	305	408
Female	No.	24	26
Total salaries and wages	\$	286,375	379,229

Table 7. - Monthly Employment of Wage-earners, 1935 and 1936.

Months	1 9 3 5			1 9 3 6		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	162	10	172	326	13	339
February	205	10	215	325	12	337
March	237	10	247	337	11	348
April	247	12	259	303	12	315
May	251	13	264	281	13	294
June	251	12	263	307	15	322
July	256	11	267	331	14	345
August	253	12	265	368	14	382
September	273	10	283	380	13	393
October	300	12	312	419	14	433
November	300	11	311	448	15	463
December	256	12	268	450	14	464
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MONTHLY AVERAGE ..	251	11	262	356	14	370

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1935 and 1936.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1935	1936		1935	1936
40 hours or less ...	87	106	51-53 hours	10	-
41-43 hours	4	-	54 hours	8	95
44 hours	103	90	55 hours	-	38
45-47 hours	9	-	56-59 hours	-	16
48 hours	61	4	60 hours and over ..	37	42
49-50 hours	6	122			

The above table does not include overtime.

Table 9. - Power Installation, 1935 and 1936.

Classes of Power	1 9 3 5		1 9 3 6	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and turbines	5	515	5	475
Electric motors operated by purchased power -				
In use	104	593	142	647
Idle	7	73	8	74
TOTAL POWER USED IN MANUFACTURING	116	1,181	155	1,196
Boiler installation	23	1,710	15	1,400

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 10. - Consumption of Fuel and Electricity, 1935 and 1936.

Kinds of Fuel	Unit of Measure	1935		1936	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Bituminous coal	Ton (2000 lbs.)	3,606	23,258	4,107	27,376
Anthracite coal	"	237	1,154	241	1,325
Coke	"	5	55	2	20
Wood	Cord	-	-	6	54
Gas, manufactured and natural	M cu. ft.	385	389	451	400
TOTAL COST OF FUEL		-	24,856	-	29,175
Electricity purchased (including service charges)	Kw. H.	408,623	8,996	488,284	10,129
TOTAL COST OF FUEL AND ELECTRICITY		-	33,852	-	39,304

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

Table 11. - Imports of Musical Instruments, Parts, Etc., 1935 and 1936.

Articles Imported	1 9 3 5		1 9 3 6	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Harps	-	-	6	1,410
Brass band instruments of a class or kind not made in Canada -- bag- pipes and complete parts thereof	-	45,231	-	73,061
Brass band instruments, n.o.p. ...	-	13,154	-	12,704
Cabinet organs	7	978	18	10,159
Pipe organs	5	6,287	9	10,149
Parts of organs	-	12,114	-	14,009
Pianofortes	125	41,857	202	67,913
Pianos, parts of	-	7,680	-	20,006
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	9,482	-	18,481
Phonographs, gramophones and finished parts	-	47,553	-	122,353
Cylinders and records for phonographs, etc.	-	63,932	-	100,269
Other musical instruments, n.o.p. .	-	283,597	-	311,308
TOTAL VALUE OF IMPORTS	-	531,865	-	761,822

Table 12. - Exports of Musical Instruments and Parts, 1935 and 1936.

Articles Exported	1 9 3 5		1 9 3 6	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs	33	37,508	46	23,667
Pianos	84	15,882	100	16,032
Piano parts	-	24,079	-	18,513
Phonographs, gramophones and parts	-	17,678	-	2,451
All other musical instruments and parts, n.o.p.	-	7,833	-	11,943
TOTAL VALUE OF EXPORTS	-	102,980	-	72,606

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1936.

A P P E N D I X

Manufacturers of Pianos, Organs and Other Musical Instruments in 1936.

QUEBEC

Peerless Accordions, Inc.,	261 St. Catherine W. Montreal.
Casavant Frères Limitée,	St. Hyacinthe.
Odilon Jacques,	1 St. Michel (Village La Providence)
	St. Hyacinthe, Que.
A. Lesage, (Lesage Pianos),	Ste. Thérèse de Blainville.
Willis & Company Limited,	Dubois Street, Ste. Thérèse de Blain-
	ville. (H.O. - 1220 St. Catherine
	Street West, Montreal)

ONTARIO

Robb Wave Organ Co. Ltd.,	N. Station St., Belleville.
Sherlock-Manning Pianos Limited,	East Street, Clinton.
Heintzman & Company Limited,	56 Heintzman Avenue, Toronto.
	(H.O. - 195 Yonge Street, Toronto.
C. Franklin Legge Organ Company Limited,	918-920 Dufferin Street, Toronto.
The Lye Organ Company,	Main Street & Stephenson Avenue, Toronto
Mason & Risch Limited,	642 West King Street, Toronto.
R. S. Williams & Son Company Limited	431 King Street West, Toronto.
Woodstock Pipe Organ Builders Limited,	702-704 Dundas Street, Woodstock.

BRITISH COLUMBIA

Edmund Piano Company,	715 Carnarvon Street, New Westminster.
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Manufacturers of Phonographs

QUEBEC

Compo Company Limited,	131 18th Avenue, Lachine.
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Manufacturers of Musical Instrument Materials

ONTARIO

Sterling Action & Keys Limited,	39 Alice Street, Brantford.
D. M. Best & Company Limited,	642 King Street West, Toronto.
W. Bohne Company Limited,	516 West Richmond Street, Toronto.
Otto Higel & Co.,	26 Soho St., Toronto.

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