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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT

ON THE

MUSICAL INSTRUMENT INDUSTRY

IN

CANADA

1934

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

OTTAWA
1935

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 comprehensive 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

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Acting Chief, General Manufactures Branch: A. Cohen, B. Com.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

The report on the musical instrument industry for the year 1934 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 five, Ontario thirteen and British Columbia one. This is one more establishment than in 1933.

These nineteen factories represented a total capital investment of \$4,608,820. The total number of persons employed was 978 with a payroll amounting to \$923,247. The cost of materials used was \$1,364,564, whilst the value of production amounted to \$2,717,865 and the value added by manufacture \$1,353,301.

The output of the musical instrument industry which for some years past had been growing smaller and smaller has in 1934 shown a noticeable upward trend. The number of pianos manufactured and in process of manufacture in 1934 was 1,309 valued at \$240,230 as compared with 881 pianos valued at \$141,175 the previous year, an increase of over 48 per cent in the number of instruments. The gross value of all products also shows an increase from \$1,615,760 to \$2,717,865 or more than 68 per cent. The main product of this industry, viz., the radio, is 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 form their main products. To get the total output of radios, it is necessary to add the production in the following industries.

Musical instruments.
Electrical apparatus and supplies.
Furniture.

There has also been a noteworthy increase in the number of employees and salaries and wages paid. The former rose from 784 persons the previous year to 978 in 1934, while the remuneration advanced from \$708,550 to \$923,247. This represents an increase of 23 per cent in the number employed and 30 per cent in the total salaries and wages paid.

Imports of musical instruments in 1934 were valued at \$428,508 as compared with imports valued at \$314,210 in 1933, while exports were valued at \$65,286 in 1934 and \$66,183 in 1933.

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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 1. - Principal Statistics of the Musical Instrument Industry Compared, 1924-1934.

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1924	50	13,757,288	2,789	3,106,617	3,926,199	8,728,878	4,802,679
1925	48	13,727,283	2,753	3,182,854	4,031,417	8,958,140	4,926,723
1926	45	13,653,107	3,185	3,751,699	4,510,560	10,873,293	6,362,733
1927	47	15,415,158	3,201	3,789,840	5,710,793	11,756,474	6,045,681
1928	42	14,050,702	2,983	3,516,852	5,083,766	12,282,589	7,198,823
1929	42	14,401,537	2,734	3,339,806	6,802,758	13,505,238	6,702,480
1930	32	9,076,086	1,728	2,114,827	4,338,816	8,250,887	3,912,071
1931	30	7,872,977	1,556	1,807,846	2,805,941	5,496,471	2,690,530
1932	20	5,107,534	1,080	993,941	1,141,198	2,561,125	1,419,927
<u>1 9 3 3</u>							
CANADA	18	4,758,053	784	708,550	781,151	1,615,760	834,609
Quebec	5	3,249,596	593	561,199	681,954	1,379,715	697,761
Ontario and British Columbia	13	1,508,457	191	147,351	99,197	236,045	136,848
<u>1 9 3 4</u>							
CANADA	19	4,608,820	978	923,247	1,364,564	2,717,865	1,353,301
Quebec	5	3,235,552	783	757,059	1,275,530	2,487,904	1,212,374
Ontario and British Columbia	14	1,373,268	195	166,188	89,034	229,961	140,927

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 2. - Comparison of Principal Statistics, 1933 and 1934.

Items	1 9 3 3	1 9 3 4	+ -	Increase Decrease
Establishments reporting No.	18	19	+	1
Capital invested \$	4,758,053	4,608,820	-	149,233
Employees on salaries -				
Male No.	129	128	-	1
Female No.	34	41	+	7
Total salaries \$	295,405	309,352	+	13,947
Employees on wages -				
Male No.	488	582	+	94
Female No.	133	227	+	94
Total wages \$	413,145	309,352	-	103,793
Power installed -				
Units No.	494	559	+	65
Horse-power capacity H.P.	3,257	3,405	+	148
Cost of fuel and electricity \$	64,135	71,252	+	7,117
Cost of materials used \$	781,151	1,364,564	+	583,413
Gross value of products \$	1,615,760	2,717,865	+	1,102,105
Value added by manufacture \$	834,609	1,353,301	+	518,692

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 1933 and 1934. The tables further indicate the movement of capital, production and employment within the industry.

In 1934 the number of establishments reporting was nineteen with a total capital investment of \$4,608,820, a gross value of production of \$2,717,865 and a total employment of 978. Nine establishments had a capital investment of \$4,333,591 or 94 percent of the total capitalization, with an average investment per factory of \$481,510. Four establishments had a gross value of production of \$2,458,514 or 90 percent of the total output and an average of \$614,629 per establishment. In employment eight establishments had 897 persons or 92 percent of the total employment with an average of 112 per establishment.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Size of Establishments Measured by Capital Investment.

Establishments having a Capital Invest- ment of: -	1 9 3 3			1 9 3 4		
	Estab- lish- ments Report- ing	Total Capital	Average Capital per Estab- lishment	Estab- lish- ments Report- ing	Total Capital	Average Capital per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$100,000 ...	7	144,829	20,690	10	275,229	27,522
\$100,000 to under \$200,000	6	827,123	137,854	3	386,507	128,836
\$200,000 and over.	5	3,786,101	757,220	6	3,947,084	656,847
TOTAL AND AVERAGE	18	4,758,053	264,336	19	4,608,820	242,570

Size of Establishments Measured by Gross Value of Production.

Establishments having a Gross Value of Production of: -	1 9 3 3			1 9 3 4		
	Estab- lish- ments Report- ing	Total Production	Average Production per Estab- lishments	Estab- lish- ments Report- ing	Total Production	Average Production per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	13	206,338	15,872	15	259,351	17,290
\$50,000 and over .	5	1,409,422	281,884	4	2,458,514	614,629
TOTAL AND AVERAGE	18	1,615,760	89,764	19	2,717,865	143,046

Size of Establishments Measured by the Number of Persons Employed.

Establishments having an Average Employment of: -	1 9 3 3			1 9 3 4		
	Estab- lish- ments Report- ing	Total Employees	Average Employees per Estab- lishment	Estab- lish- ments Report- ing	Total Employees	Average Employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees	12	104	9	11	81	7
20 to under 50 employees	3	95	32	1/8	897	112
50 employees and over	3	585	195			
TOTAL AND AVERAGE	18	784	44	19	978	51

1/ Includes one firm with over 50 employees.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 3. - Production in the Musical Instrument Industry, 1933 and 1934.

Principal Products	CANADA, 1933		CANADA, 1934	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Pianos -				
Upright	222	32,945	379	60,229
Grand	147	56,193	163	66,485
All other pianos 1/	15	4,248	767	113,516
Pianos in process of manufacture	497	47,789	Cannot be shown.	
Organs -				
Pipe	21	128,862	-	-
Reed	56	5,497	-	-
All other organs	-	-	53	131,501
Phonograph records	646,236	186,764	Cannot be shown.	
All other musical instruments 2/ ..	-	980,082	-	2,218,591
All other products 3/	-	126,715	-	86,285
Repair work	-	46,665	-	41,258
TOTAL VALUE OF PRODUCTION	-	1,615,760	-	2,717,865

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.

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, 1934.

Table 4. - Cost of Materials Used, 1933 and 1934.

Principal Materials	Unit of Measure	CANADA, 1933		CANADA, 1934	
		Quantity	Value	Quantity	Value
			\$		\$
Sawn lumber, softwood	M ft. b.m.	600	24,597	945	43,331
Sawn lumber, hardwood	M ft. b.m.	556	29,288	589	31,233
Veneers and plywood	M Surf. ft.	1,495	28,196	2,139	48,037
Electric motors (all kinds) .	No.	8	629	13	613
Piano wire	Lb.	1,875	489	1,024	303
Other metal and metal parts .	-	-	19,049	-	12,070
All other materials	-	-	663,498	-	1,199,323
Packing and shipping materials	-	-	15,405	-	29,654
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TOTAL COST OF MATERIALS USED	-	-	781,151	-	1,364,564

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 5. - Capital Invested by Classes, 1924-1934.

Years 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
<u>1 9 3 3</u>					
CANADA	2,492,033	1,075,800	59,606	1,130,614	4,758,053
Quebec	1,613,989	556,899	35,937	1,042,771	3,249,596
Ontario and British Columbia	878,044	518,901	23,669	87,843	1,508,457
<u>1 9 3 4</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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 6. -- Employees by Sex and Remuneration, 1933 and 1934.

		1 9 3 3	1 9 3 4
Salaried Employees -			
Total	No.	163	169
Male	No.	129	128
Female	No.	34	41
Total salaries	\$	295,405	302,352
Wage-earners -			
Monthly average	No.	621	809
Male	No.	488	582
Female	No.	133	227
Total wages	\$	413,145	613,895
All Employees -			
Total	No.	784	978
Male	No.	617	710
Female	No.	167	268
Total salaries and wages	\$	708,550	923,247

Table 7. -- Monthly Employment of Wage-earners, 1933 and 1934.

Months	1 9 3 3			1 9 3 4		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	317	49	366	489	200	689
February	349	41	390	502	200	702
March	348	52	400	494	177	671
April	342	98	440	488	181	669
May	343	109	452	430	162	592
June	335	116	451	506	157	663
July	340	97	437	568	197	765
August	413	72	485	671	235	906
September	608	136	744	713	305	1,018
October	768	267	1,035	740	360	1,100
November	914	291	1,205	754	325	1,079
December	766	251	1,017	617	227	844
MONTHLY AVERAGE	488	133	621	582	227	809

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1933 and 1934.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1933	1934		1933	1934
40 hours or less . . .	217	92	51-53 hours	2	27
41-43 hours	-	34	54 hours	-	-
44 hours	150	37	55 hours	16	3
45-47 hours	25	36	56-59 hours	-	15
48 hours	1	107	60 hours	60	-
49-50 hours	822	846	Over 60 hours	-	4

The above table does not include overtime.

Table 9. - Power Installation, 1933 and 1934.

Classes of Power	1 9 3 3		1 9 3 4	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and turbines	14 -	860	14	860
Electric motors operated by purchased power	480	2,397	545	2,545
TOTAL POWER USED IN MANUFACTURING	494	3,257	559	3,405
Boiler installation	20	1,945	20	1,955

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 10. - Consumption of Fuel and Electricity, 1933 and 1934.

Kinds of Fuel	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Bituminous coal.....	Ton (2000 Lb.)	5,915	36,515	7,020	41,997
Anthracite coal	"	2	20	-	-
Coke	"	619	1,754	3	31
Wood	Cord	4	16	7	31
Gas, artificial and natural	M cu. ft.	367	387	588	601
Other fuel	-	-	6	-	1
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TOTAL COST OF FUEL	-	-	38,698	-	42,661
Electricity purchased (including service charges)	Kw. H.	1,512,030	25,437	1,841,494	28,591
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TOTAL COST OF FUEL AND ELECTRICITY.	-	-	64,135	-	71,252

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 11(a). - Imports of Musical Instruments, Parts, Etc., by Principal Countries, 1933.

Articles Imported	From United Kingdom		From United States		From Other Countries		TOTAL IMPORTS	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	No.	\$	No.	\$	No.	\$	No.	\$
Brass band instruments of a class or kind not made in Canada — bagpipes and complete parts thereof	-	7,859	-	15,310	-	6,421	-	29,590
Brass band instruments, n.o.p.	-	3,803	-	10,447	-	5,224	-	19,474
Cabinet organs	-	-	2	802	-	-	2	802
Pipe organs	-	-	3	7,154	-	-	3	7,154
Parts of organs	-	1,105	-	3,088	-	12,122	-	16,315
Pianofortes	4	3,761	56	18,748	10	6,371	70	28,880
Pianos, parts of	-	-	-	2,334	-	236	-	2,570
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	611	-	2,542	-	13	-	3,166
Phonographs, gramophones and finished parts	-	5,072	-	37,262	-	2,956	-	45,290
Cylinders and records for phonographs, etc.	-	6,852	-	24,299	-	3,492	-	34,643
Other musical instruments, n.o.p.	-	5,669	-	52,838	-	67,819	-	126,326
TOTAL VALUE OF IMPORTS .	-	34,732	-	174,824	-	104,654	-	314,210

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 11(b). - Imports of Musical Instruments, Parts, Etc., by Principal Countries, 1934.

Articles Imported	From United Kingdom		From United States		From Other Countries		TOTAL IMPORTS	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	No.	\$	No.	\$	No.	\$	No.	\$
Brass band instruments of a class or kind not made in Canada -- bagpipes and complete parts thereof	-	8,759	-	27,674	-	6,070	-	42,503
Brass band instruments, n.o.p.	-	2,464	-	8,047	-	3,092	-	13,603
Cabinet organs	-	-	1	200	-	-	1	200
Pipe organs	-	-	2	822	-	-	2	822
Parts of organs	-	1,303	-	6,233	-	634	-	8,170
Pianofortes	5	973	92	32,512	3	783	100	34,268
Pianos, parts of	-	26	-	4,487	-	475	-	4,988
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	696	-	3,916	-	930	-	5,542
Phonographs, gramophones and finished parts	-	13,399	-	38,155	-	4,131	-	55,685
Cylinders and records for phonographs, etc.	-	9,838	-	37,036	-	5,174	-	52,048
Other musical instruments, n.o.p.	-	4,922	-	84,425	-	121,332	-	210,679
TOTAL VALUE OF IMPORTS	-	42,380	-	243,507	-	142,621	-	428,508

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THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 12. - Exports of Musical Instruments and Parts, by Principal Countries, 1933 and 1934.

Articles Exported	1933		1934	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs -				
United Kingdom	1	200	1	250
United States	6	23,550	5	8,577
British South Africa	-	-	-	-
British West Indies	6	441	4	243
Newfoundland	13	1,387	6	162
Japan	-	-	1	1,500
Other Countries	7	877	10	2,019
TOTAL	33	26,455	27	12,751
Pianos -				
United Kingdom	15	4,030	10	2,525
United States	26	2,932	40	6,290
British South Africa	2	305	14	3,784
British West Indies	1	75	1	140
Newfoundland	12	1,100	9	812
Other Countries	10	2,815	9	1,757
TOTAL	66	11,257	83	15,308
Piano parts -				
United Kingdom	-	3,679	-	6,644
Australia	-	1,609	-	8,489
Hong Kong	-	552	-	1,743
China	-	9,655	-	6,385
Other Countries	-	275	-	296
TOTAL	-	15,770	-	23,557
Phonographs, gramophones and parts -				
United Kingdom	-	169	-	150
United States	-	752	-	418
British West Indies	-	1,803	-	381
Hong Kong	-	10	-	-
Newfoundland	-	1,414	-	876
St. Pierre and Miquelon	-	-	-	529
Morocco	-	3,500	-	-
Other Countries	-	2,037	-	760
TOTAL	-	9,685	-	3,191

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Table 12. - Exports of Musical Instruments and Parts, by Principal Countries, 1933 and 1934. - (Concl'd.)

Articles Exported	1933		1934	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
All other musical instruments and parts, n.o.p. -				
United Kingdom	-	662	-	340
United States	-	2,180	-	9,768
Other Countries	-	174	-	371
TOTAL	-	3,016	-	10,479
Summary of Exports by Principal Countries -				
United Kingdom	16	8,740	11	9,909
United States	32	29,414	45	25,080
Australia	-	1,609	-	8,489
British South Africa	2	305	14	3,784
British West Indies	7	2,319	5	764
Hong Kong	-	562	-	1,743
St. Pierre and Miquelon	-	-	-	579
Morocco	-	3,500	-	-
Newfoundland	25	3,901	15	1,850
China	-	9,655	-	6,385
Japan	-	-	1	1,500
Other Countries	17	6,178	19	5,203
TOTAL EXPORTS	99	66,183	110	65,286

A P P E N D I X

Manufacturers of Pianos, Organs and Other Musical Instruments

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

The Accordion Factory,
The Dominion Organ & Piano Company Ltd.,

807 Simpson Street, Fort William.
Temperance Street, Bowmanville.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1934.

Manufacturers of Pianos, Organs and Other Musical Instruments

ONTARIO - (Concl'd.)

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 and Stephenson Avenue, Toronto.
Mason & Risch Limited,	642 West King Street, Toronto. (H.O. - 230 Yonge Street, Toronto).
L. E. Morel,	128 Vine Avenue, 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.
Victor Talking Machine Company of Canada Limited,	Corner St. Antoine & 925 Lenoir Street, Montreal.

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.

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