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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
1933

Published by Authority of the Minister of Trade and Commerce.

OTTAWA
1934

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 DIVISION
OTTAWA - CANADA

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THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

The report on the musical instrument industry for the year 1933 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 eighteen establishments which were located as follows: Quebec five, Ontario twelve and British Columbia one.

These eighteen factories represented a total capital investment of \$4,758,053. The total number of persons employed was 784 with a payroll amounting to \$708,550. The cost of materials used was \$781,151, whilst the value of production amounted to \$1,615,760 and the value added by manufacture \$834,609.

The output of the musical instrument industry has been decreasing steadily during the past few years, the output of pianos, phonographs and phonograph records becoming smaller and smaller. 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.

Imports of musical instruments in 1933 were valued at \$314,210 as compared with imports valued at \$407,032 in 1932, while exports were valued at \$66,183 in 1933 and \$57,315 in 1932.

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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 1. - Principal Statistics of the Musical Instrument Industry Compared, 1924-1933.

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
<u>1 9 3 2</u>							
CANADA	20	5,107,534	1,080	993,941	1,141,198	2,561,125	1,419,927
Quebec	4	3,266,813	805	761,865	955,470	2,161,032	1,205,562
Ontario and British Columbia .	16	1,840,721	275	232,076	185,728	400,093	214,365
<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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 2. - Comparison of Principal Statistics, 1932 and 1933.

Items	1 9 3 2	1 9 3 3	/ Increase - Decrease
Establishments reporting No.	20	18	- 2
Capital invested \$	5,107,534	4,758,053	- 349,481
Employees on salaries -			
Male No.	154	129	- 25
Female No.	39	34	- 5
Total salaries \$	374,573	295,405	- 79,168
Employees on wages -			
Male No.	699	488	- 211
Female No.	188	133	- 55
Total wages \$	619,368	413,145	- 206,223
Power installed -			
Units No.	511	494	- 17
Horse-power capacity H.P.	3,332	3,257	- 75
Cost of fuel and electricity \$	65,858	64,135	- 1,723
Cost of materials used \$	1,141,198	781,151	- 360,047
Gross value of products \$	2,561,125	1,615,760	- 945,365
Value added by manufacture \$	1,419,927	834,609	- 585,318

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 1932 and 1933. The tables further indicate the movement of capital, production and employment within the industry.

In 1933 the number of establishments reporting was eighteen with a total capital investment of \$4,758,053, a gross value of production of \$1,615,760 and a total employment of 784. Eleven establishments had a capital investment of \$4,613,224 or 97 per cent of the total capitalization, with an average investment per factory of \$419,384. Five establishments had a gross value of production of \$1,409,422 or 87 per cent of the total output and an average of \$281,884 per establishment. In employment six establishments had 680 persons or 87 per cent of the total employment with an average of 113 per establishment.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Size of Establishments Measured by Capital Investment.

Groups of Capital Investment	1 9 3 2			1 9 3 3		
	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	9	288,300	32,033	7	144,829	20,690
\$100,000 to under \$200,000	6	858,873	143,146	6	827,123	137,854
\$200,000 and over ..	5	3,960,361	792,072	5	3,786,101	757,220
TOTAL AND AVERAGE	20	5,107,534	255,377	18	4,758,053	264,336

Size of Establishments Measured by Gross Value of Production.

Groups of Value of Production	1 9 3 2			1 9 3 3		
	Estab- lish- ments Report- ing	Total Production	Average Production per Estab- lishment	Estab- lish- ments Report- ing	Total Production	Average Production per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	12	122,209	10,184	13	206,338	15,872
\$50,000 and over ...	8	2,438,916	304,865	5	1,409,422	281,884
TOTAL AND AVERAGE	20	2,561,125	128,056	18	1,615,760	89,764

Size of Establishments Measured by the Number of Persons Employed.

Groups of Employees	1 9 3 2			1 9 3 3		
	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 .	11	69	6	12	104	9
20 to under 50 employees	6	178	30	3	95	32
50 employees and over	3	833	278	3	585	195
TOTAL AND AVERAGE	20	1,080	54	18	784	44

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 3. - Production in the Musical Instrument Industry, 1932 and 1933.

Principal Products	CANADA, 1932		CANADA, 1933		Increase - Decrease	
	Quantity	Value	Quantity	Value	Quantity	Value
	No.	\$	No.	\$	No.	\$
Pianos -						
Upright	338	61,240	222	32,945	-	116 28,295
Upright with player attachment ^{3/}	12	2,587	-	-	-	-
Grand	179	83,934	147	56,193	-	32 27,741
All other pianos	4	3,825	15	4,248	-	-
Pianos in process of manufacture.	-	-	497	47,789	-	-
Organs -						
Pipe	32	324,752	21	128,862	-	11 195,890
Reed	77	11,826	56	5,497	-	21 6,329
Phonograph records	945,876	289,996	646,236	186,764	-	299,640 103,232
All other musical instruments ^{1/} ...	-	1,447,940	-	980,082	-	- 467,858
All other products ^{2/}	-	292,484	-	126,715	-	- 165,769
Repair work	-	42,541	-	46,665	+	- 4,124
TOTAL PRODUCTS	-	2,561,125	-	1,615,760	-	- 945,365

1/ Includes radio and phonograph combinations, radios complete and radio cabinets.

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

3/ Upright player pianos are included under "all other pianos" for 1933.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 4. - Cost of Materials Used, 1933.

Principal Materials	Unit of Measure	CANADA		Quebec		Ontario and British Columbia	
		Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$
Sawn lumber, softwood	M ft. b.m.	600	24,597	506	17,508	94	7,089
Sawn lumber, hardwood	"	556	29,288	401	19,888	155	9,400
Veneers and plywood	M surf. ft.	1,495	28,196	1,205	18,067	290	10,129
Electric motors (all kinds) ...	No.	8	629	-	-	8	629
Piano wire	Lbs.	1,875	489	15	8	1,860	481
Other metal and metal parts ...	-	-	19,049	-	125	-	18,924
All other materials	-	-	663,498	-	611,877	-	51,621
Packing and shipping materials.	-	-	15,405	-	14,481	-	924
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TOTAL COST OF MATERIALS USED	-	-	781,151	-	681,954	-	99,197

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 5. - Capital Invested by Classes, 1924-1933.

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		2,706,443	9,076,086
1931	3,544,804	1,370,692	649,149	2,308,332	7,872,977
<u>1 9 3 2</u>					
CANADA	2,563,010	999,016	184,252	1,361,256	5,107,534
Quebec	1,595,811	415,694	95,073	1,160,235	3,266,813
Ontario and British Columbia	967,199	583,322	89,179	201,021	1,840,721
<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

Table 6. - Employees by Sex and Remuneration, 1932 and 1933.

		1 9 3 2	1 9 3 3
Salaried Employees -			
Total	No.	193	163
Male	No.	154	129
Female	No.	39	34
Total salaries	\$	374,573	295,405

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 6. - Employees by Sex and Remuneration, 1932 and 1933. - (Concl'd.)

		1 9 3 2	1 9 3 3
Wage-earners -			
Monthly Average	No.	887	621
Male	No.	699	488
Female	No.	188	133
Total wages	\$	619,368	413,145
All Employees -			
Total	No.	1,080	784
Male	No.	853	617
Female	No.	227	167
Total salaries and wages	\$	993,941	708,550

Table 7. - Monthly Employment of Wage-earners, 1932 and 1933.

	1 9 3 2			1 9 3 3		
Months	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	774	165	939	317	49	366
February	771	163	934	349	41	390
March	610	117	727	348	52	400
April	592	116	708	342	98	440
May	556	74	630	343	109	452
June	609	117	726	335	116	451
July	589	135	724	340	97	437
August	746	317	1,063	413	72	485
September	846	340	1,186	608	136	744
October	831	287	1,118	768	267	1,035
November	822	254	1,076	914	291	1,205
December	658	138	796	766	251	1,017
MONTHLY AVERAGE.	699	188	887	488	133	621

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1932 and 1933.

Hours Worked per Week	Number of Employees		Hours Worked per Week	Number of Employees	
	1932	1933		1932	1933
40 hours or less	190	217	51-53 hours	1	2
41-43 hours	4	-	54 hours	1	-
44 hours	81	150	55 hours	172	16
45-47 hours	47	25	56-59 hours	1	-
48 hours	1	1	60 hours	16	60
49-50 hours	802	822	Over 60 hours	11	-

The above table does not include overtime.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 9. - Consumption of Fuel and Electricity, 1932 and 1933.

Kinds of Fuel	Unit of Measure	1 9 3 2		1 9 3 3	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
	Ton		\$		\$
Bituminous coal	(2000 Lb.)	5,633	34,953	5,915	36,515
Anthracite coal	"	8	115	2	20
Coke	"	1,086	3,459	619	1,754
Wood	Cord	8	45	4	16
Gas, artificial and natural .	M cu. ft.	253	251	367	387
Other fuel	-	-	1	-	6
TOTAL COST OF FUEL	-	-	38,824	-	38,698
Electricity purchased for power (including service charges)	K.W.H.	1,475,440	27,034	1,512,030	25,437
TOTAL COST OF FUEL AND ELECTRICITY	-	-	65,858	-	64,135

Table 10. - Power Installation, 1932 and 1933.

Classes of Power	1 9 3 2		1 9 3 3	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and turbines .	14	925	14	860
Electric motors operated by purchased power	497	2,407	480	2,397
TOTAL POWER USED IN MANUFACTURING	511	3,332	494	3,257
Boiler Installation	20	2,150	20	1,945

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 11(a). - Imports of Musical Instruments, Parts, Etc., by Principal Countries, 1932.

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 and bagpipes	-	13,738	-	43,523	-	21,521	-	78,782
Cabinet organs	-	-	3	1,371	1	239	4	1,610
Pipe organs	-	-	-	-	1	563	1	563
Parts of organs	-	286	-	4,321	-	849	-	5,456
Pianofortes	-	-	44	19,287	2	1,225	46	20,512
Pianos, parts of	-	122	-	2,231	-	243	-	2,596
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	61	-	2,252	-	1,094	-	3,407
Phonographs, gramophones and finished parts	-	8,661	-	90,920	-	3,862	-	103,443
Cylinders and records for phonographs, etc.	-	5,530	-	27,588	-	6,177	-	39,295
Other musical instruments, n.o.p..	-	4,750	-	64,715	-	81,903	-	151,368
 TOTAL VALUE OF IMPORTS	-	33,148	-	256,208	-	117,676	-	407,032

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 11(b). - 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 and bagpipes	-	11,662	-	25,757	-	11,645	-	49,064
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, 1933.

Table 12. - Exports of Musical Instruments and Parts, by Principal Countries, 1932 and 1933.

Articles Exported	1932		1933	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs -				
United Kingdom	1	25	1	200
United States	7	16,695	6	23,550
British South Africa	8	765	-	-
British West Indies	8	651	6	441
Newfoundland	13	449	13	1,387
Other Countries	2	500	7	877
TOTAL	39	19,085	33	26,455
Pianos -				
United Kingdom	11	3,500	15	4,030
United States	26	4,720	26	2,932
British South Africa	8	1,481	2	305
British West Indies	2	240	1	75
Newfoundland	4	325	12	1,100
Other Countries	11	2,510	10	2,815
TOTAL	62	12,776	66	11,257
Piano parts -				
United Kingdom	-	3,037	-	3,679
Australia	-	-	-	1,609
Hong Kong	-	1,071	-	552
China	-	6,172	-	9,655
Other Countries	-	211	-	275
TOTAL	-	10,491	-	15,770
Phonographs, gramophones and parts -				
United Kingdom	-	889	-	169
United States	-	370	-	752
British West Indies	-	685	-	1,803
Hong Kong	-	1,475	-	10
Newfoundland	-	3,694	-	1,414
China	-	911	-	-
Morocco	-	-	-	3,500
Other Countries	-	-	-	2,037
TOTAL	-	9,092	-	9,685

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Table 12. - Exports of Musical Instruments and Parts, by Principal Countries, 1932 and 1933. - (Concl'd.)

Articles Exported	1 9 3 2		1 9 3 3	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
All other musical instruments and parts, n.o.p.				
United Kingdom	-	175	-	662
United States	-	4,878	-	2,180
Other Countries	-	818	-	174
TOTAL	-	5,871	-	3,016

Summary of Exports by Principal Countries -

United Kingdom	12	7,626	16	8,740
Australia	-	-	-	1,609
United States	33	26,663	32	29,414
British South Africa	16	2,246	2	305
British West Indies	10	1,576	7	2,319
Hong Kong	-	2,546	-	562
Morocco	-	-	-	3,500
Newfoundland	17	4,468	25	3,901
China	-	7,083	-	9,655
Other Countries	13	5,107	17	6,178
TOTAL EXPORTS	101	57,315	99	66,183

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.

ONTARIO

The Dominion Organ & Piano Company Limited,
Sherlock-Manning Pianos Limited,
Heintzman & Company Limited,

Temperance Street, Bowmanville.
East Street, Clinton.
56 Heintzman Avenue, Toronto.
(H.O. - 195 Yonge Street, Toronto).
918-920 Dufferin Street, Toronto.
10-16 St. Nicholas Street, Toronto.
642 West King Street, Toronto.
(H.O. - 230 Yonge Street, Toronto).

C. Franklin Legge Organ Company Limited,
Edward Lye & Sons,
Mason & Risch Limited,

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1933.

Manufacturers of Pianos, Organs and Other Musical Instruments

ONTARIO - (Concl'd.)

L. E. Morel,	128 Vine Avenue, Toronto.
Thomas Organ & Piano Company Limited,	280 Brant & Oxford Streets, Woodstock.
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.
Berliner Gram-o-phone Company Limited, (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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