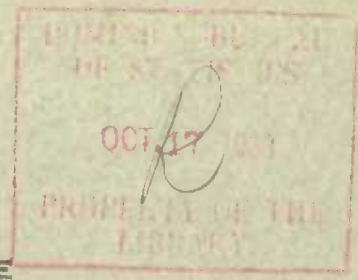


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
ON THE
MUSICAL INSTRUMENT INDUSTRY
IN
CANADA
1932

Published by Authority of the HON. H. H. STEVENS, M. P.,
Minister of Trade and Commerce.

OTTAWA
1933

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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Acting Chief, General Manufactures Division: A. Cohen, B.Com.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

The report on the musical instruments industry for the year 1932 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 twenty establishments which were located as follows: Quebec four, Ontario fifteen and British Columbia one.

These twenty factories represented a total capital investment of \$5,107,534. The total number of persons employed was 1,080 with a payroll amounting to \$993,941. The cost of materials used was \$1,141,198, whilst the value of production amounted to \$2,561,125 and the value added by manufacture \$1,419,927.

The output of the musical instruments 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 manufacturers, 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 1932 were valued at \$407,032 as compared with imports valued at \$800,525 in 1931, while exports were valued at \$57,315 in 1932 and \$206,076 in 1931.

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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 1. - Principal Statistics of the Musical Instrument Industry Compared, 1924-1932.

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- p- loyees	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
<u>1931</u>							
CANADA	30	7,872,977	1,556	1,807,846	2,805,941	5,496,471	2,690,530
Quebec	6	4,467,567	902	1,130,574	1,935,357	3,672,927	1,737,570
Ontario	21	3,371,746	647	671,815	867,460	1,814,340	946,880
British Columbia	3	33,664	7	5,457	3,124	9,204	6,080
<u>1932</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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 2. - Comparison of Principal Statistics, 1931 and 1932.

Principal Statistics	1931	1932	∕ Increase - Decrease
Establishments reporting No.	30	20	- 10
Capital invested \$	7,872,977	5,107,534	- 2,765,443
Employees on salaries -			
Male No.	223	154	- 69
Female No.	64	39	- 25
Total salaries \$	580,326	374,573	- 205,753
Employees on wages -			
Male No.	1,089	699	- 390
Female No.	180	188	∕ 8
Total wages \$	1,227,520	619,368	- 608,152
Power installed --			
Units No.	499	511	∕ 12
Horse-power capacity H.P.	4,125	3,332	- 793
Cost of fuel and electricity \$	93,216	65,858	- 27,358
Cost of materials used \$	2,805,941	1,141,198	- 1,664,743
Gross value of products \$	5,496,471	2,561,125	- 2,935,346
Value added by manufacture \$	2,690,530	1,419,927	- 1,270,603

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 1931 and 1932. The tables further indicate the movement of capital, production and employment within the industry.

In 1932 the number of establishments reporting was twenty with a total capital investment of \$5,107,534, a gross value of production of \$2,561,125 and a total employment of 1,080. Eleven establishments had a capital investment of \$4,819,234 or 94 per cent of the total capitalization, with an average investment per factory of \$438,112. Eight establishments had a gross value of production of \$2,438,916 or 95 per cent of the total output and an average of \$304,865 per establishment. In employment nine establishments had 1,011 persons or 94 per cent of the total employment with an average of 112 per establishment.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Size of Establishments Measured by Capital Investment.

Groups of Capital Investment	1931			1932		
	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 ...	13	233,412	17,955	9	288,300	32,033
\$100,000 to under \$200,000	7	1,087,104	155,301	6	858,873	143,146
\$200,000 and over.	10	6,552,461	655,245	5	3,960,361	792,072
TOTAL AND AVERAGE	30	7,872,977	262,432	20	5,107,534	255,377

Size of Establishments Measured by Gross Value of Production.

Groups of Value of Production	1931			1932		
	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	16	161,744	10,109	12	122,209	10,184
\$50,000 and over .	14	5,334,727	381,052	8	2,438,916	304,865
TOTAL AND AVERAGE	30	5,496,471	183,216	20	2,561,125	128,056

Size of Establishments Measured by the Number of Persons Employed.

Groups of Employees	1931			1932		
	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	17	114	7	11	69	6
20 to under 50 employees	8	308	39	6	178	30
50 employees and over	5	1,134	227	3	833	278
TOTAL AND AVERAGE	30	1,556	502	20	1,080	54

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 3. -- Production in the Musical Instrument Industry, 1931 and 1932.

Principal Products	CANADA, 1931		CANADA, 1932		/ Increase - Decrease	
	Quantity	Value	Quantity	Value	Quantity	Value
	No.	\$	No.	\$	No.	\$
Pianos -						
Upright	2,153	395,950	338	61,240	- 1,815	- 334,710
Upright with player attachment.	45	8,651	12	2,587	- 33	- 6,064
Grand	497	226,242	179	83,934	- 318	- 142,308
All other pianos	4	2,815	4	3,825	-	/ 1,010
Organs -						
Pipe	63	598,356	32	324,752	- 31	- 273,604
Reed	161	23,729	77	11,826	- 84	- 11,903
Phonograph records	1,529,681	551,606	945,876	289,996	- 583,805	- 261,610
All other musical instruments ^{1/}	-	3,260,924	-	1,447,940	-	-1,812,984
All other products ^{2/}	-	359,828	-	292,484	-	- 67,344
Repair work	-	68,370	-	42,541	-	- 25,829
TOTAL PRODUCTS	-	5,496,471	-	2,561,125	-	- 2,935,346

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.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 4. - Cost of Materials Used, 1932.

Principal Materials	Unit of Measure	CANADA		Quebec		Ontario and British Columbia	
		Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Sawn lumber, softwoods	M ft. B.M.	665	29,022	556	19,320	109	9,702
Sawn lumber, hardwoods	"	1,033	57,810	758	35,741	275	22,069
Veneer and plywood	M Surf. ft.	1,456	33,333	1,071	19,548	385	13,785
All other materials	-	-	1,021,033	-	880,861	-	140,172
TOTAL COST OF MATERIALS USED	-	-	1,141,198	-	955,470	-	185,728

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 5. - Capital Invested by Classes, 1924-1932.

Years and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures machinery, tools, etc.	Materials on hand, Stocks in process, fuel and miscellaneous 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
<u>1 9 3 1</u>					
CANADA	3,544,804	1,370,692	649,149	2,308,332	7,872,977
Quebec	1,842,839	664,275	237,829	1,722,624	4,467,567
Ontario	1,692,619	704,178	406,623	568,326	3,371,746
British Columbia ..	9,346	2,239	4,697	17,382	33,664
<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

Table 6. - Employees Classified by Number, Sex and Remuneration, 1932.

Classes of Employees	CANADA			Quebec		
	Male	Female	Salaries and Wages	Male	Female	Salaries and Wages
	No.	No.	\$	No.	No.	\$
Salaried employees	154	39	374,573	110	26	288,893
Wage-earners (average number)	699	188	619,368	488	181	472,972
TOTAL	853	227	993,941	598	207	761,865

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

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

Classes of Employees	Ontario and British Columbia		Salaries and Wages \$
	Male	Female	
	No.	No.	
Salaried employees	44	13	85,680
Wage-earners (average number)	211	7	146,396
TOTAL	255	20	232,076

Table 7. - Employees by Months and Sex, 1932.

Months	CANADA		Quebec		Ontario and British Columbia	
	Male	Female	Male	Female	Male	Female
	No.	No.	No.	No.	No.	No.
January	774	165	548	157	226	8
February	771	163	542	156	229	7
March	610	117	385	110	225	7
April	592	116	394	110	198	6
May	556	74	379	72	177	2
June	609	117	401	116	208	1
July	589	135	403	133	186	2
August	746	317	537	311	209	6
September	846	340	626	333	220	7
October	831	287	612	283	219	4
November	822	254	587	248	235	6
December	658	138	431	132	227	6
Total	8,404	2,223	5,845	2,161	2,559	62
Average Monthly Employment	699	188	488	181	211	7

Table 8. - Number of Wage-earners in Month of Highest Employment whose Regular Hours per Week were: -

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

The above table does not include overtime.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 9. - Fuel Consumption by Classes and Provinces, 1932.

Classes of Fuel	Unit of Measure	CANADA		Quebec		Ontario and British Columbia	
		Quantity	Cost Value	Quantity	Cost Value	Quantity	Cost Value
			\$		\$		\$
Bituminous coal	Ton	5,633	34,953	2,995	19,681	2,638	15,272
Anthracite coal	"	8	115	-	-	8	115
Coke	"	1,086	3,459	1,084	3,438	2	21
Wood	Cord	8	45	-	-	8	45
Gas	M cu. ft.	253	251	182	187	71	64
Other fuel	-	-	1	-	-	-	1
Electricity	-	-	27,034	-	20,966	-	6,068
TOTAL	-	-	65,858	-	44,272	-	21,586

Table 10. - Power Installed by Classes and Provinces, 1932.

Classes of Power	CANADA		Quebec		Ontario and British Columbia	
	Units	Horse-power Capacity	Units	Horse-power Capacity	Units	Horse-power Capacity
	Steam engines and turbines	14	925	10	550	4
Electric motors operated by purchased power	497	2,407	422	1,822	75	585
TOTAL POWER USED IN MANUFACTURING.	511	3,332	432	2,372	79	960

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THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 11(a). - Imports of Musical Instruments, Parts, Etc., by Principal Countries, 1931.

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	-	13,161	-	49,092	-	31,880	-	94,133
Cabinet organs	-	-	37	5,057	-	-	37	5,057
Pipe organs	-	-	4	10,485	-	-	4	10,485
Parts of organs	-	702	-	11,724	-	1,722	-	14,148
Pianofortes	4	1,008	211	57,901	10	6,454	225	65,363
Pianos, parts of	-	646	-	6,823	-	270	-	7,739
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	1,642	-	4,027	-	1,354	-	7,023
Phonographs, gramophones and finished parts	-	7,105	-	226,025	-	4,529	-	237,659
Cylinders and records for phonographs, etc.	-	5,629	-	110,370	-	7,707	-	123,706
Other musical instruments, n.o.p.	-	8,127	-	115,423	-	111,662	-	235,212
TOTAL VALUE OF IMPORTS	-	38,020	-	596,927	-	165,578	-	800,525

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 11(b). - 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, 1932.

Table 12. - Exports of Musical Instruments and Parts, by Principal Countries, 1931 and 1932.

Articles Exported	1 9 3 1		1 9 3 2	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs -				
United Kingdom	2	265	1	25
United States	17	105,240	7	16,695
British South Africa	10	739	8	765
British West Indies	14	1,054	8	651
Newfoundland	18	13,506	13	449
Other Countries	26	2,015	2	500
TOTAL	87	122,819	39	19,085
Pianos -				
United Kingdom	9	3,095	11	3,500
United States	31	8,725	26	4,720
British South Africa	14	2,301	8	1,481
British West Indies	2	1,600	2	240
Newfoundland	3	317	4	325
Other Countries	7	1,409	11	2,510
TOTAL	66	17,447	62	12,776
Piano Parts -				
United Kingdom	-	-	-	3,037
Hong Kong	-	3,073	-	1,071
China	-	14,568	-	6,172
Other Countries	-	3,638	-	211
TOTAL	-	21,279	-	10,491
Phonographs, Gramophones and Parts -				
United Kingdom	-	1,397	-	889
United States	-	1,298	-	370
British West Indies	-	1,625	-	685
Hong Kong	-	-	-	1,475
Newfoundland	-	11,950	-	3,694
China	-	-	-	911
Other Countries	-	5,562	-	1,068
TOTAL	-	21,832	-	9,092
All Other Musical Instruments and Parts, n.o.p. -				
United Kingdom	-	461	-	175
United States	-	16,187	-	4,878
Other Countries	-	6,051	-	818
TOTAL	-	22,699	-	5,871

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Table 12. - Exports of Musical Instruments and Parts, by Principal Countries, 1931 and 1932. - (Concl'd.)

Articles Exported	1931		1932	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Summary of Exports by Principal Countries -				
United Kingdom	11	5,218	12	7,626
United States	48	131,450	33	26,663
British South Africa	24	3,040	16	2,246
British West Indies	16	4,279	10	1,576
Hong Kong	-	3,073	-	2,546
Newfoundland	21	25,773	17	4,468
China	-	14,568	-	7,083
Other Countries	33	18,675	13	5,107
TOTAL	153	206,076	101	57,315

A P P E N D I X

Manufacturers of Pianos, Organs and Other Musical Instruments -

QUEBEC

Casavant Frères Ltée, St. Hyacinthe.
Willis & Company Limited, Dubois Street, Ste. Thérèse de Blainville.

ONTARIO

The Dominion Organ & Piano Company Ltd., Temperance Street, Bowmanville.
Sherlock-Manning Pianos Limited, East Street, Clinton.
The Accordion Factory, 807 Simpson Street, Fort William.
Heintzman & Company Limited, 56 Heintzman Avenue, Toronto. (H.O. 195 Yonge Street).
C. Franklin Legge Organ Company Limited, 918-920 Dufferin Street, Toronto.
Edward Lye & Sons, 10-16 St. Nicholas Street, Toronto.
Mason & Risch Limited, 642 West King Street, Toronto. (H.O. 230 Yonge Street).
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.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1932.

Manufacturers of Phonographs --

QUEBEC

Compo Company Limited,
Berliner Gram-o-phone Company Limited,
(Victor Talking Machine Company of
Canada Limited),

131 18th Avenue, Lachine.

Corner St. Antoine & 925 Lenoir Street,
Montreal.

ONTARIO

Pollock-Welkner Limited,
Columbia Phonograph Company Limited,

480 Victoria Street, Kitchener,
22 Front Street West, Toronto.
(H.O. 51 St. Paul Street).

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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