

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

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THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

The report on the musical instrument industry for the year 1938 is presented herewith. This report includes statistics relating to the production of musical instruments of every description, all materials and parts of same, phonographs and accessories, such as records, cabinets, etc.

Reports were received from eighteen establishments which were located as follows: Quebec, five; Ontario, eleven and British Columbia two. This is one more establishment than in 1937.

These eighteen factories represented a total capital investment of \$2,280,822. The number of persons employed totalled 574 with a payroll amounting to \$509,640. The cost of materials used was \$426,323 whilst the value of production amounted to \$1,085,961.

The output of the musical instruments industry which for some years past had been steadily declining, showed a marked improvement in 1937. Although the improvement was not completely maintained in 1938, yet the level of production was considerably higher than during the depression years. The number of pianos manufactured and in process of manufacture in 1938 totalled 3,569 valued at \$547,235 as compared with 4,020 pianos valued at \$601,802 the previous year, a decrease of over 11 per cent in the number of instruments. The gross value of products also showed a decrease of about 10 per cent, from \$1,211,288 in 1937 to \$1,085,961 in 1938. Decreases were also reported in the number of employees, salaries and wages paid, cost of materials used and value added by manufacture. The main products of this industry, viz., the radios and phonographs, 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 phonographs form their main products. To get the total output of radios and phonographs, 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 fell from 579 persons the previous year to 574 in 1938 while the remuneration decreased from \$545,665 to \$509,640. This represents a decrease of 1 per cent in the number employed and 7 per cent in the total salaries and wages paid.

Imports of musical instruments in 1938 were valued at \$1,235,688 as compared with \$1,010,028 in 1937, while exports amounted to \$94,676 in 1938 and \$77,233 in 1937.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

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 1938.

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
1935	15	2,451,673	329	286,375	174,797	535,668
1936	19	2,203,805	434	379,229	253,862	750,916
<u>1937</u>						
CANADA	17	2,405,317	579	545,665	452,336	1,211,288
Quebec	5	1,140,302	236	216,595	135,942	557,938
Ontario and British Columbia ..	12	1,265,015	343	329,070	316,394	653,350
<u>1938</u>						
CANADA	18	2,280,822	574	509,640	426,323	1,085,961
Quebec	5	1,164,691	274	227,494	165,727	533,477
Ontario and British Columbia ..	13	1,116,131	300	282,146	260,596	552,484

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

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 2. - Comparison of Principal Statistics, 1937 and 1938.

Items	1937	1938	+ Increase - Decrease
Establishments reporting No.	17	18	+ 1
Capital invested \$	2,405,317	2,280,822	- 124,495
Employees on salaries -			
Male No.	49	48	- 1
Female No.	14	11	- 3
Total salaries \$	89,654	79,612	- 10,042
Employees on wages -			
Male No.	505	503	- 2
Female No.	11	12	+ 1
Total wages \$	456,011	430,028	- 25,983
Power installed -			
Units No.	154	152	- 2
Horsepower capacity H.P.	1,472	1,461	- 11
Cost of fuel and electricity \$	41,230	40,000	- 1,230
Cost of materials used \$	452,336	426,323	- 26,013
Gross value of production \$	1,211,288	1,085,961	- 125,327
Value added by manufacture [*] \$	717,722	619,638	- 98,084

* Gross value of production less cost of materials, fuel and electricity.

NOTE - Profits or losses cannot be estimated from Census figures, as no data are collected for certain expense items such as interest, rent, depreciation, taxes, insurance, advertising, etc.

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 3. - Principal Statistics of the Musical Instrument Industry in Canada
for 1938, Grouped According to the Size of Establishment.

Establishments having a production of -	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
under \$5,000	3	12,292	7	3,597	791	7,372
\$5,000 to \$25,000	5 (
	(	166,771	78	70,610	44,612	133,830
\$25,000 to \$50,000	2 (
\$50,000 to \$100,000	3	385,151	100	78,347	99,236	230,048
\$100,000 to \$500,000	4 (
	(	1,716,608	389	357,086	281,684	714,711
\$500,000 to \$1,000,000	1 (
\$1,000,000 and over	-	-	-	-	-	-
TOTAL	18	2,280,822	574	509,640	426,323	1,085,961

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 4. - Production in the Musical Instrument Industry in Canada, 1937 and 1938.

Principal Products	CANADA, 1937		CANADA, 1938	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Pianos -				
Upright	2,801	456,237	2,461	425,332
Grand	149	66,134	124	54,422
All other pianos	7	1,475	14	2,945
Pianos in process of manufacture..	1,063	77,956	970	64,536
Organs -				
Pipe	55	215,233	55	229,157
All other organs	34	21,707	26	4,162
All other musical instruments 1/	-	78,560	-	85,132
All other products 2/	-	183,263	-	178,476
Repair work	-	110,723	-	41,799
TOTAL VALUE OF PRODUCTION	-	1,211,288	-	1,085,961

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 5. - Cost of Materials Used, 1937 and 1938.

Principal Materials	Unit of Measure	CANADA, 1937		CANADA, 1938	
		Quantity	Value	Quantity	Value
		No.	\$	No.	\$
Sawn lumber, softwood	M ft.b.m.	716	41,401	612	34,248
Sawn lumber, hardwood	M ft.b.m.	375	27,148	495	33,414
Veneers and plywood	M surf. f.	573	25,542	344	9,513
Electric motors (all kinds)	Number	29	1,901	11	532
Piano wire	Pound	13,600	3,600	24,323	6,868
Other metal and metal parts	-	-	13,966	-	8,876
All other materials	-	-	334,170	-	326,797
Packing and shipping materials..	-	-	4,608	-	6,075
TOTAL COST OF MATERIALS USED	-	-	452,336	-	426,323

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 6. - Capital Invested by Classes, 1937 to 1938.

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
1935	1,372,924	594,511	484,238	2,451,673
1936	1,333,240	459,738	410,827	2,203,805
<u>1 9 3 7</u>				
CANADA	1,346,094	601,993	457,230	2,405,317
Quebec	595,970	279,646	264,686	1,140,302
Ontario and British Columbia	750,124	322,347	192,544	1,265,015
<u>1 9 3 8</u>				
CANADA	1,335,794	577,374	367,654	2,280,822
Quebec	609,692	275,896	279,103	1,164,691
Ontario and British Columbia	726,102	301,478	88,551	1,116,131

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 7. - Employees by Sex and Remuneration, 1937 and 1938.

		1 9 3 7	1 9 3 8
Salaried Employees -			
Total	No.	63	59
Male	No.	49	48
Female	No.	14	11
Total salaries	\$	89,654	79,612
Wage-earners -			
Monthly average	No.	516	515
Male	No.	505	503
Female	No.	11	12
Total wages	\$	456,011	430,028
All Employees -			
Total	No.	579	574
Male	No.	554	551
Female	No.	25	23
Total salaries and wages	\$	545,665	509,640

Table 8. - Monthly Employment of Wage-earners, 1937 and 1938.

Months	1 9 3 7			1 9 3 8		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	463	11	474	480	10	490
February	502	11	513	486	10	496
March	516	11	527	486	10	496
April	517	9	526	481	10	491
May	491	8	499	486	10	496
June	471	10	481	495	10	505
July	470	10	480	516	11	527
August	512	10	522	518	11	529
September	507	10	517	504	14	518
October	543	8	551	515	13	528
November	549	8	557	530	12	542
December	554	9	563	515	12	527
MONTHLY AVERAGE	505	11	516	503	12	515

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Normal Employment, and Their Regular Hours of Work, 1938.

Number of Hours Worked per Week	Number		Number of Hours Worked per Week	Number	
	Males	Females		Males	Females
30 hours or less ...	1	1	51-54 hours	35	2
31-43 hours	124	7	55 hours	114	-
44 hours	60	1	56-64 hours	3	-
45-47 hours	5	2	65 hours and over ..	4	-
48 hours	8	-	Average hours per week	47	41
49-50 hours	163	1	Average weekly earnings	16	12

The above table does not include overtime.

Table 10. - Power Installation, 1937 and 1938.

Classes of Power	1937		1938	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and turbines	7	755	7	755
Electric motors operated by purchased power -				
In use	140	644	139	636
Idle	7	73	6	70
TOTAL POWER USED IN MANUFACTURING	154	1,472	152	1,461
Boiler installation	9	760	11	960

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 10. - Consumption of Fuel and Electricity, 1937 and 1938.

Kinds of Fuel	Unit of Measure	1937		1938	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Bituminous coal	Ton (2000 lbs.)	4,190	28,760	4,026	27,757
Anthracite coal	"	220	1,132	240	1,234
Coke	"	—	—	2	20
Gasoline	Imp. gal.	135	30	139	31
Wood	Cord	—	—	—	—
Gas, manufactured and natural	M cu. ft.	496	479	356	362
TOTAL COST OF FUEL ...		—	30,401	—	29,404
Electricity purchased (including service charges)	Kw. H.	546,196	10,829	523,615	10,596
TOTAL COST OF FUEL AND ELECTRICITY ...		—	41,230	—	40,000

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

Table 12. - Imports of Musical Instruments, Parts, Etc., 1937 and 1938.

Articles Imported	1 9 3 7		1 9 3 8	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Harps	2	423	2	499
Brass band instruments of a class or kind not made in Canada -- bag- pipes and complete parts thereof	-	76,068	-	78,870
Brass band instruments, n.o.p.	-	15,431	-	15,280
Cabinet organs	42	18,420	7	2,855
Pipe organs	6	4,954	5	9,987
Parts of organs	-	37,914	-	51,740
Pianofortes	201	74,978	176	60,963
Pianos, parts of	-	33,239	-	16,070
Piano and organ parts (when imported by manufacturers of keys, actions, hammers, etc.)	-	33,911	-	24,242
Phonographs, gramophones and finished parts	-	210,002	-	446,222
Cylinders and records for phonographs, etc.	-	151,390	-	172,068
Other musical instruments, n.o.p.	-	353,298	-	356,892
TOTAL VALUE OF IMPORTS	-	1,010,028	-	1,235,688

Table 13. - Exports of Musical Instruments and Parts, 1937 and 1938.

Articles Exported	1 9 3 7		1 9 3 8	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Organs	50	36,929	68	61,366
Pianos	105	15,878	59	9,029
Piano parts	-	17,413	-	12,148
Phonographs, gramophones and parts	-	2,247	-	5,871
All other musical instruments and parts, n.o.p.	-	4,766	-	6,262
TOTAL VALUE OF EXPORTS	-	77,233	-	94,676

THE MUSICAL INSTRUMENT INDUSTRY IN CANADA, 1938.

A P P E N D I X

Manufacturers of Pianos, Organs and Other Musical Instruments in 1938.

QUEBEC

Casavant Frères Limitée,
O. Jacques, Organ Ltée,

A. Lesage, (Lesage Pianos),
Willis & Company Limited,

St. Hyacinthe.
1 St. Michel (Village La Providence)
St. Hyacinthe, Que.
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 Co. 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,
W.F. Porter,

715 Carnarvon Street, New Westminster.
576 Seymour St., Vancouver.

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,
R. Leistner & Co.

39 Alice Street, Brantford.
642 King Street West, Toronto.
516 West Richmond Street, Toronto.
3123 Dundas St. W., Toronto.

ORIGINAL ARTICLES

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
PUBLISHED WEEKLY
CHICAGO, ILL., MAY 1, 1914

CONTENTS

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914	THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914
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CONTENTS

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914	THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914
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ORIGINAL ARTICLES

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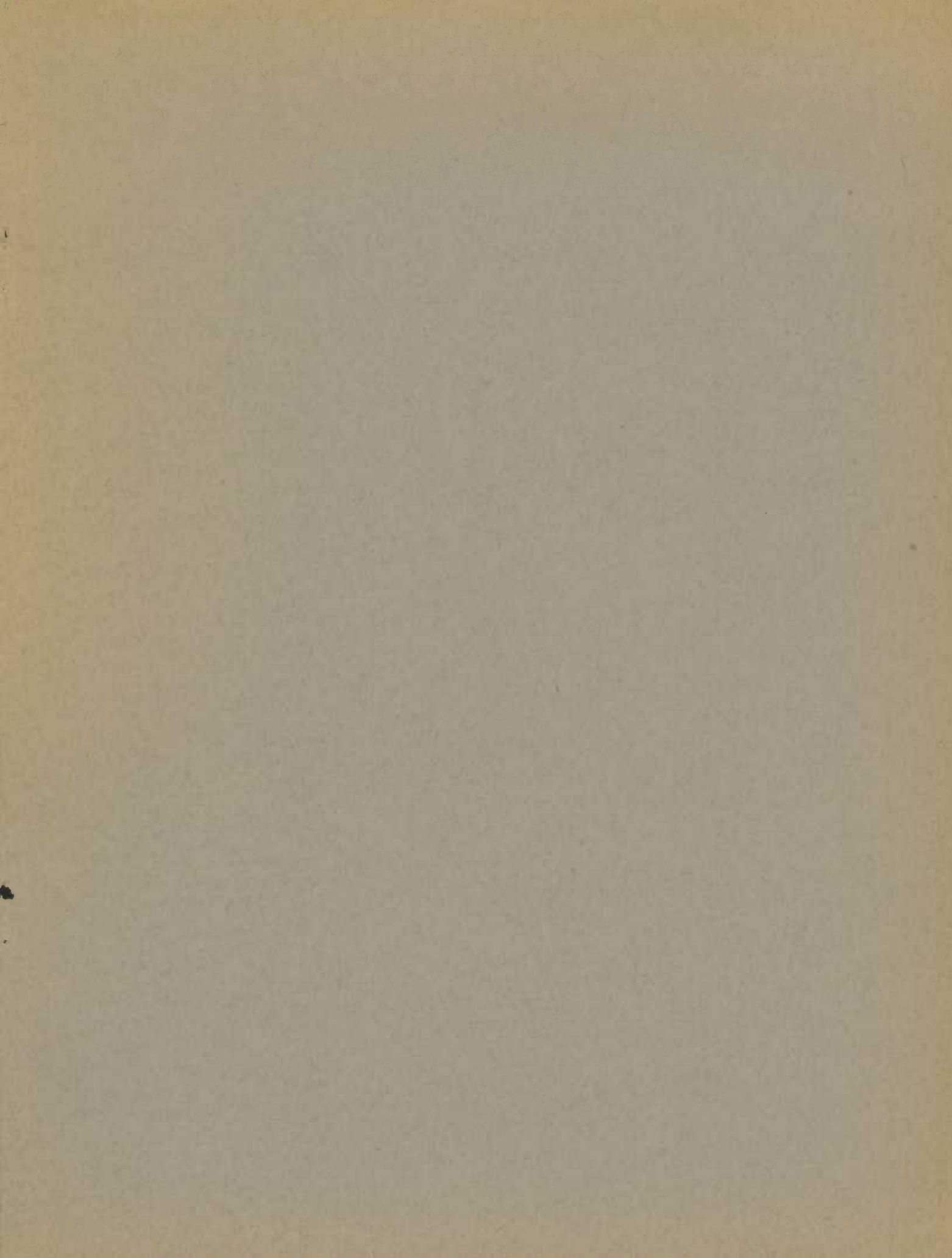
CONTENTS

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914	THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914
---	---

CONTENTS

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914	THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY CHICAGO, ILL., MAY 1, 1914
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