

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

QUARTERLY REPORT

PRODUCTION AND SALES OF RADIO RECEIVING SETS

SECOND QUARTER, 1937.

Production of radio receiving sets in Canada during the second quarter of 1937 numbered 71,237 sets valued at \$2,616,742 at factory selling prices. This output represented an increase of 74 per cent in number and 81 per cent in value over the corresponding period of a year ago.

Producers' sales during April, May and June of this year totalled 46,409 sets worth \$3,022,145 at list prices, the number sold being higher than in any previous second quarter since the Bureau commenced collecting quarterly statistics on radio sales in 1931. Sales during the second three-month period of the three preceding years was reported at 31,746 sets in 1936, 23,811 sets in 1935, and 17,599 sets in 1934.

Sales in Ontario during the quarter under review totalled 20,362 sets; in Quebec, 6,920 sets; in Saskatchewan, 5,678 sets; in Manitoba, 5,350 sets; in Alberta, 3,475 sets; in British Columbia, 2,898 sets, and in the Maritimes, 1,726 sets. Of the total sales, Ontario took 43.9 per cent; Quebec, 14.9 per cent; Saskatchewan, 12.2 per cent; Manitoba, 11.5 per cent; Alberta, 7.5 per cent; British Columbia, 6.3 per cent, and the Maritimes, 3.7 per cent. The greatest rate of increase over the corresponding period of last year was in Saskatchewan where sales advanced 376 per cent, Manitoba came next with an increase of 85 per cent, Ontario gained 35 per cent, and Alberta almost 18 per cent. Smaller increases were reported for Quebec and the Maritimes, while in British Columbia the sales were slightly lower.

Sales during the quarter included 22,408 A. C. models, 15,471 battery models, and 8,530 automobile models. Of the A. C. receivers, 8,972 were consol models, 13,337 were mantle models and 99 were combinations. Of the battery sets, 4,681 were consols and 10,790 were mantle.

Inventories of radio receivers in the hands of the manufacturers on June 30, 1937, were reported at 69,120 sets as compared with 41,157 sets on hand on the corresponding date in 1936.

Table 1 - PRODUCTION OF RADIO RECEIVING SETS IN CANADA, 1925 - 1937.

Years	Number of Selling value		Years	Number of Selling value	
	sets	at works(x) \$		sets	at works(x) \$
1925	48,531	2,278,292	1933	112,273	4,401,313
1926	42,430	2,253,098	1934	188,710	8,196,248
1927	47,500	3,748,622	1935	191,293	9,493,599
1928	81,032	7,486,127	1936	253,896	11,388,173
1929	150,050	15,604,145	1937 - 1st quarter.	40,434	1,418,432
1930	170,082	19,196,936	2nd quarter.	71,237	2,616,742
1931	291,711	18,555,710			
1932	121,468	6,808,877			

(x) Not list prices.

Table 2 - PRODUCTION, BY QUARTERS, 1931 - 1937.

	1931	1932	1933	1934	1935	1936	1937
	No.	No.	No.	No.	No.	No.	No.
First quarter	41,129	42,430	9,480	32,531	23,573	28,717	40,434
Second quarter	33,782	6,393	12,765	25,453	24,711	40,954	71,237
Third quarter	85,023	30,804	22,061	46,969	56,043	92,327	
Fourth quarter	131,777	41,841	67,967	83,757	86,966	91,898	
TOTAL FOR YEAR ..	291,711	121,468	112,273	188,710	191,293	253,896	

Table 3 - PRODUCERS' SALES IN CANADA, BY PROVINCES, 1931 - 1936.

Provinces	1931	1932	1933	1934	1935	1936
	No.	No.	No.	No.	No.	No.
Maritimes	17,298	8,740	8,720	12,566	12,903	16,941
Quebec	78,171	30,545	26,559	31,384	34,276	47,238
Ontario	126,404	52,412	53,622	66,834	78,698	97,034
Manitoba	19,340	12,875	12,542	16,251	18,583	28,591
Saskatchewan and Alberta.	21,007	16,059	15,741	23,277	28,257	35,602
British Columbia	23,902	12,823	13,309	16,865	17,572	22,514
CANADA	286,122	133,454	130,493	167,177	190,289	247,920

Table 4 - PRODUCERS' SALES IN CANADA, BY TYPES, 1931 - 1936.

Types	1931	1932	1933	1934	1935	1936
	No.	No.	No.	No.	No.	No.
A. C. OPERATED RECEIVING SETS -						
Table and mantle			(38,085	57,534	55,373	74,675
Consols	265,364	120,317	(44,719	70,526	79,284	92,448
Combination, phonograph and radio	13,738	4,907	8,597	1,114	431	934
TOTAL	279,102	125,224	91,401	129,174	135,088	168,107
BATTERY OPERATED (except Automobile and Portable) -						
Table and mantle	1,353	1,353	10,967	(9,433	21,444	39,088
Consols	4,982	6,327		(15,865	17,214	21,887
TOTAL	6,335	7,680	10,967	25,298	38,658	60,975
Automobile and portable .	685	550	9,905	12,705	16,543	18,838
GRAND TOTAL	286,122	133,454	112,273	167,177	190,289	247,920

Table 5 - PRODUCERS' SALES IN CANADA, BY PROVINCES AND BY QUARTERS, 1931 - 1937.

Provinces	Years	First	Second	Third	Fourth	Calendar	% of total for year
		quarter	quarter	quarter	quarter	Year	
		No.	No.	No.	No.	No.	%
Maritimes	1931	2,611	2,000	4,786	7,901	17,298	6.0
	1932	2,591	602	1,940	3,607	8,740	6.6
	1933	1,704	836	1,763	4,417	8,720	6.7
	1934	2,146	1,096	2,647	6,677	12,566	7.5
	1935	1,497	1,035	3,820	6,551	12,903	6.8
	1936	1,996	1,466	5,887	7,592	16,941	6.8
	1937	2,173	1,726				5.7
Quebec	1931	13,624	7,907	22,648	33,992	78,171	27.5
	1932	10,820	2,953	6,166	10,606	30,545	22.9
	1933	3,971	3,168	5,304	14,116	26,559	20.3
	1934	5,217	3,254	6,778	16,135	31,384	18.8
	1935	4,574	3,979	8,879	16,844	34,276	18.0
	1936	6,442	6,051	14,003	20,742	47,238	19.1
	1937	7,792	6,920				14.9
Ontario	1931	23,272	12,355	30,342	60,435	126,404	44.2
	1932	19,252	4,498	12,164	16,498	52,412	39.3
	1933	10,584	6,256	11,589	25,193	53,622	41.1
	1934	11,639	9,392	15,463	30,340	66,834	40.0
	1935	12,667	13,432	19,350	33,249	78,698	41.4
	1936	15,948	15,084	27,015	38,987	97,034	39.1
	1937	19,534	20,362				43.9
Manitoba	1931	2,581	1,491	5,919	9,349	19,340	6.7
	1932	3,083	1,463	4,458	3,871	12,875	9.6
	1933	1,806	908	2,635	7,193	12,542	9.6
	1934	1,680	935	5,063	8,573	16,251	9.7
	1935	1,269	1,226	7,742	8,346	18,583	9.8
	1936	2,686	2,546	13,808	9,551	28,591	11.5
	1937	2,309	5,350				11.5
Saskatchewan and Alberta	1931	2,107	2,243	5,713	10,944	21,007	7.4
	1932	3,301	854	5,719	6,185	16,059	12.0
	1933	2,157	1,014	4,366	8,204	15,741	12.1
	1934	1,852	1,285	8,455	11,685	23,277	13.9
	1935	1,040	2,831	13,571	10,815	28,257	14.8
	1936	2,167	3,735	15,675	14,025	35,602	14.4
	1937	2,051	9,153				19.7
British Columbia	1931	3,458	2,096	7,500	10,848	23,902	8.4
	1932	3,357	840	3,853	4,773	12,823	9.6
	1933	1,592	1,902	3,709	6,106	13,309	10.2
	1934	2,886	1,637	4,289	8,053	16,865	10.1
	1935	2,219	1,308	5,602	8,443	17,572	9.2
	1936	2,575	2,864	8,206	8,869	22,514	9.1
	1937	2,497	2,898				6.3
CANADA	1931	47,653	28,092	76,908	133,469	286,122	100.0
	1932	42,404	11,210	34,300	45,540	133,454	100.0
	1933	21,814	14,084	29,366	65,229	130,493	100.0
	1934	25,420	17,599	42,695	81,463	167,177	100.0
	1935	23,266	23,811	58,964	84,248	190,289	100.0
	1936	31,814	31,746	84,594	99,766	247,920	100.0
	1937	36,356	46,409				100.0

Table 6 - PRODUCERS' SALES IN CANADA OF ALL TYPES OF RADIO SETS, BY CLASSES

Classes according to number of tubes	Unit	Prince Edward Island,	
		Nova Scotia and New Brunswick	Quebec
A. C. OPERATED RECEIVING SETS -			
Consols only -			
4 tubes or less	No.	...	3
5 tubes	No.	141	822
6 tubes	No.	61	235
7 tubes	No.	46	205
8 tubes	No.	97	479
9 tubes	No.	17	233
10 tubes	No.	9	99
11 tubes	No.	...	114
12 tubes and over	No.	12	154
Total Consols	No.	383	2,344
Total Value at List Prices	\$	42,859	305,988
Table and Mantle only -			
4 tubes or less	No.	187	1,692
5 tubes	No.	241	1,143
6 tubes	No.	124	222
7 tubes	No.	29	66
8 tubes and over	No.	88	188
Total Table and Mantle	No.	669	3,311
Total Value at List Prices	\$	37,972	157,099
Combinations, phonograph and radio ..	No.	4	36
Value at List Prices	\$	651	8,004
TOTAL A. C. RECEIVING SETS	No.	1,056	5,691
TOTAL VALUE AT LIST PRICES	\$	81,482	471,091
BATTERY OPERATED RECEIVING SETS (Excluding automobile and portable) -			
Consols only -			
4 tubes or less	No.	9	35
5 tubes	No.	43	23
6 tubes	No.	80	67
7 tubes	No.	3	17
8 tubes and over	No.	2	8
Total Consols	No.	137	150
Total Value at List Prices	\$	9,771	14,125
Table and Mantle only -			
4 tubes or less	No.	69	121
5 tubes	No.	82	89
6 tubes	No.	140	101
7 tubes	No.	6	3
8 tubes and over	No.	1	9
Total Table and Mantle	No.	298	323
Total Value at List Prices	\$	13,815	17,752
TOTAL BATTERY SETS -			
"A" Battery operated only	No.	56	147
All other	No.	379	326
TOTAL VALUE AT LIST PRICES	\$	23,586	31,877
AUTOMOBILE SETS -			
4 tubes or less	No.	...	...
5 tubes	No.	...	12
6 tubes	No.	235	744
7 tubes and over	No.	...	...
TOTAL AUTOMOBILE SETS	No.	235	756
TOTAL VALUE AT LIST PRICES	\$	13,960	46,009
GRAND TOTAL - ALL SETS	No.	1,726	6,920
GRAND TOTAL VALUE AT LIST PRICES	\$	119,028	548,977

Note - The figures in brackets indicate the extent to which sales are exceeded

AND BY PROVINCES, APRIL, MAY and JUNE, 1937.

Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	CANADA
---------	----------	-------------------	---------	---------------------	--------

...	...	...	...	...	3
1,335	331	94	89	222	3,534
461	32	6	12	106	913
543	33	13	12	61	913
778	50	17	38	110	1,569
383	106	1	16	86	842
231	49	4	24	167	583
51	...	5	14	4	168
230	20	6	10	15	447
4,492	621	146	215	771	8,972
501,216	68,609	14,866	26,654	101,675	1,061,867
4,414	90	33	179	287	6,882
2,296	241	122	200	362	4,605
445	15	13	12	109	940
139	2	...	1	11	248
236	22	7	31	90	662
7,530	370	175	423	859	13,337
308,960	18,183	8,454	20,215	49,839	600,722
23	3	2	1	30	99
1,906	1,165	1,060	435	7,539	20,760
12,045	994	323	639	1,660	22,408
812,082	87,957	24,380	47,304	159,053	1,683,349
125	222	218	90	27	726
62	452	725	299	114	1,718
142	272	524	414	47	1,546
161	306	38	12	66	603
30	(8)	1	49	6	88
520	1,244	1,506	864	260	4,681
46,316	100,168	109,597	64,662	23,526	368,165
678	1,081	1,761	623	225	4,558
144	1,246	956	448	303	3,268
385	523	947	514	147	2,757
25	22	14	62	30	162
14	3	...	2	16	45
1,246	2,875	3,678	1,649	721	10,790
69,140	120,404	158,728	77,094	36,179	493,112
448	763	202	138	296	2,050
1,318	3,356	4,982	2,375	685	13,421
115,456	220,572	268,325	141,756	59,705	861,277
2	...	...	...	...	2
50	3	...	9	4	78
5,888	234	171	314	253	7,839
611	...	...	...	...	611
6,551	237	171	323	257	8,530
358,139	13,973	10,133	19,689	15,616	477,519
20,362	5,350	5,678	3,475	2,898	46,409
1,285,677	322,502	302,838	208,749	234,374	3,022,145

by returned merchandise.

MANUFACTURERS OF RADIO RECEIVING SETS

SECOND QUARTER - 1937.

<u>Names of Companies</u>	<u>Addresses</u>
Canadian General Electric Co. Ltd.	212 King St. W., Toronto, 2, Ont.
Canadian Marconi Co., Ltd.	211 St. Sacrament St., Montreal, P.Q.
Canadian Westinghouse Co., Ltd.	Sanford Ave., Hamilton, Ont.
Dominion Electrohome Industries Ltd.	102 Breithaupt St., Kitchener, Ont.
Mohawk Radio Ltd.	436 Wellington St. W., Toronto, 2, Ont.
Northern Electric Co., Ltd.	1620 Notre Dame St. W., Montreal, P.Q.
Philco Products Limited of Canada	1244 Dufferin St., Toronto, Ont.
RCA Victor Co. Ltd.	976 Lacasse St., Montreal, P.Q.
Rogers-Majestic Corporation Limited	622 Fleet St., Toronto, Ont.
Sparton of Canada, Ltd.	268 St. James St., London, Ont.
Stewart-Warner-Alemite Corporation of Canada, Limited	Belleville, Ont.
Stromberg-Carlson Telephone Mfg. Co. of Canada, Limited	211 Geary Ave., Toronto, 4, Ont.

Table 8 - PRODUCTION IN CANADA AND IMPORTS OF RADIO RECEIVING TUBES, 1929 - 1937.

Years	PRODUCTION		IMPORTS	
	Number	Value \$	Number	Value \$
1929	2,924,270	3,100,148	...	524,872
1930	3,116,096	3,181,276	...	327,728
1931	3,297,007	2,298,098	...	113,760
1932	2,747,456	1,610,850	55,762	60,157
1933	1,731,569	1,023,364	119,367	84,027
1934	2,367,674	1,389,815	266,283	155,271
1935	2,151,041	1,214,365	460,749	258,149
1936	2,940,296	1,646,705	565,873	289,659
1937 -				
First quarter	846,793	476,463	163,277	91,980
Second quarter	927,256	556,664	138,469	74,595

MANUFACTURERS OF RADIO RECEIVING TUBES - 1937.

<u>Names of Companies</u>	<u>Addresses</u>
Canadian Westinghouse Co., Ltd.	Hamilton, Ontario
Rogers Radio Tubes Ltd.	Toronto, Ontario
Radio Valve Co. of Canada, Ltd.	Toronto, Ontario