

Published by Authority of the HON. W. D. EULFR, M.P. 16-6-37.  
Minister of Trade and Commerce. Price 15 cents.

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

FIRST QUARTER - 1937.

Production of radio receiving sets in Canada during the first quarter of 1937 numbered 40,434 sets valued at \$1,418,438 at factory selling prices, an increase of 41 per cent in number and 8 per cent in value over the corresponding period of last year.

Sales by the producers during January, February and March of 1937 totalled 36,356 sets valued at \$3,144,832 at list prices, these figures being higher than in any previous first quarter since 1932. In 1936 the number sold during the first three months was 31,814 sets; in 1935, 23,266 sets; in 1934, 25,420 sets; in 1933, 21,814 sets, and in 1932, 42,204 sets.

Sales in Ontario during the quarter under review totalled 19,534 sets; in Quebec, 7,792 sets; in Manitoba, 2,309 sets; in British Columbia, 2,497 sets; in Saskatchewan and Alberta, 2,051 sets, and in the Maritimes, 2,173 sets. Ontario took 53.7 per cent of the total; Quebec, 21.4 per cent; the Western provinces, 18.9 per cent, and the Maritimes, 6.0 per cent. In Ontario, Quebec and the Maritimes, the sales were higher than in the corresponding period of last year, but in the Western provinces fewer sets were sold.

Sales during the first quarter included 24,498 A. C. operated sets worth \$2,444,777 at list prices, 5,928 automobile sets at \$325,271 and 5,930 other battery sets at \$374,784. The A. C. sets included 14,340 consol models at \$1,766,541, 9,910 table and mantle models at \$626,886 and 248 combination phonograph and radio at \$51,350. The battery sets included 4,564 table and mantle models worth \$238,906 and 1,366 consol models at \$135,873.

Inventories of radio receivers in the hands of the manufacturers on March 31, 1937, were reported at 44,501 sets, compared with 32,712 sets on hand on the corresponding date last year

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

Years	Number of sets	Selling value at works (x) \$	Years	Number of sets	Selling value 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 (a) ..	191,293	9,493,399
1928 .....	81,032	7,486,127	1936 .....	253,896	11,308,173
1929 .....	150,050	15,604,145	1937 -		
1930 .....	170,032	19,196,936	First		
1931 .....	291,711	18,555,710	quarter.	40,434	1,418,438
1932 .....	121,468	6,808,877			
					(x) Not list prices. (a) Revised figures

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	
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	
<b>TOTAL FOR YEAR ..</b>	<b>291,711</b>	<b>121,468</b>	<b>112,273</b>	<b>188,710</b>	<b>191,293</b>	<b>253,896</b>	

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
<b>CANADA .....</b>	<b>286,122</b>	<b>133,454</b>	<b>130,493</b>	<b>167,177</b>	<b>190,289</b>	<b>247,920</b>

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

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

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

Provinces	Years	First quarter	Second quarter	Third quarter	Fourth quarter	Calendar year	% of total for 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					6.2
Quebec .....	1931	13,624	7,907	22,648	33,992	78,171	27.3
	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					21.4
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					53.7
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					6.3
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					5.6
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					6.8
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					100.0

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

Classes according to number of tubes	Unit	Prince Edward Island,		
		Nova Scotia and New Brunswick	Quebec	Ontario
<b>A. C. OPERATED RECEIVING SETS -</b>				
Consols only -				
4 tubes or less .....	No.	...	...	...
5 tubes .....	No.	399	1,449	2,896
6 tubes .....	No.	47	494	954
7 tubes .....	No.	39	399	831
8 tubes .....	No.	105	687	1,057
9 tubes .....	No.	56	367	982
10 tubes .....	No.	33	249	272
11 tubes .....	No.	8	122	105
12 tubes and over .....	No.	15	209	264
Total Consols .....	No.	702	3,976	7,341
Total Value at List Prices ..	\$	78,948	500,418	891,921
Table and Mantle only -				
4 tubes or less .....	No.	91	866	929
5 tubes .....	No.	390	1,489	3,130
6 tubes .....	No.	30	75	139
7 tubes .....	No.	34	210	226
8 tubes and over .....	No.	105	277	325
Total Table and Mantle .....	No.	650	2,917	4,749
Total Value at List Prices ..	\$	47,634	179,478	292,560
Combinations, phonograph and radio	No.	2	83	106
Value at List Prices .....	\$	383	18,993	19,858
TOTAL A. C. RECEIVING SETS	No.	1,354	6,976	12,196
TOTAL VALUE AT LIST PRICES	\$	126,965	698,889	1,204,339
<b>BATTERY OPERATED RECEIVING SETS (Excluding automobile and portable) -</b>				
Consols only -				
4 tubes or less .....	No.	54	52	108
5 tubes .....	No.	13	25	181
6 tubes .....	No.	84	43	113
7 tubes .....	No.	5	10	113
8 tubes and over .....	No.	8	20	69
Total Consols .....	No.	164	150	584
Total Value at List Prices ..	\$	14,986	16,148	65,032
Table and Mantle only -				
4 tubes or less .....	No.	189	181	916
5 tubes .....	No.	183	73	406
6 tubes .....	No.	110	86	127
7 tubes .....	No.	62	10	223
8 tubes and over .....	No.	8	14	28
Total Table and Mantle .....	No.	552	364	1,700
Total Value at List Prices ..	\$	31,119	21,982	90,355
TOTAL ALL BATTERY SETS -				
"A" Battery operated only	No.	54	127	405
All other .....	No.	662	387	1,879
TOTAL VALUE AT LIST PRICES	\$	46,105	38,130	155,387
<b>AUTOMOBILE SETS -</b>				
4 tubes or less .....	No.	...	...	...
5 tubes .....	No.	...	8	31
6 tubes .....	No.	103	292	4,076
7 tubes and over .....	No.	...	2	947
TOTAL AUTOMOBILE SETS	No.	103	302	5,054
TOTAL VALUE AT LIST PRICES	\$	6,031	18,316	272,695
GRAND TOTAL ALL SETS	No.	2,173	7,792	19,534
GRAND TOTAL VALUE AT LIST PRICES	\$	179,101	755,335	1,632,421

Note: The figures in brackets indicate the extent to which sales are exceeded by returned merchandise.

PROVINCES, JANUARY, FEBRUARY AND MARCH, 1937.

Manitoba	Saskatchewan	Alberta	British Columbia	CANADA
...	...	...	...	...
272	70	120	310	5,516
76	6	10	50	1,617
63	18	23	132	1,525
112	42	39	247	2,289
141	33	40	159	1,778
53	23	31	101	762
24	1	19	9	288
29	12	14	22	565
790	205	296	1,030	14,340
96,684	26,770	38,245	133,555	1,766,541
64	20	51	139	2,160
224	92	154	505	5,984
14	4	12	42	316
31	2	25	13	541
51	25	32	94	909
384	143	274	793	9,910
26,359	9,130	18,557	53,168	626,886
16	6	5	30	248
4,479	1,773	893	4,971	51,350
1,190	354	575	1,853	24,498
127,522	37,673	57,695	191,694	2,444,777
92	7	38	4	355
20	(4)	17	40	292
50	(7)	67	42	392
3	9	6	5	151
18	10	24	27	176
183	15	152	118	1,366
14,667	1,594	13,866	9,585	135,878
554	168	315	142	2,465
258	24	244	107	1,295
16	(22)	30	42	389
3	3	5	20	326
16	7	10	6	89
347	180	604	317	4,564
40,404	8,208	29,447	17,391	238,906
314	51	228	130	1,309
716	144	528	305	4,621
55,071	9,802	43,313	26,976	374,784
...	...	...	...	...
7	...	5	6	57
82	75	87	201	4,916
...	1	3	2	955
89	76	95	209	5,928
5,256	4,496	5,968	12,509	325,271
2,309	625	1,426	2,497	36,356
187,849	1,971	106,376	231,179	3,144,832

TABLE 7 - PRODUCERS' SALES IN CANADA OF ALL TYPES OF RADIO SETS, BY CLASSES AND

Classes according to number of tubes	Unit	Prince Edward Island,		
		Nova Scotia and New Brunswick	Quebec	Ontario
<b>A. C. OPERATED RECEIVING SETS -</b>				
Consols only -				
4 tubes or less .....	No.	...	106	82
5 tubes .....	No.	2,296	6,919	14,068
6 tubes .....	No.	1,278	3,119	7,105
7 tubes .....	No.	651	2,415	4,232
8 tubes .....	No.	1,125	3,254	6,219
9 tubes .....	No.	760	2,151	3,933
10 tubes .....	No.	355	1,844	2,198
11 tubes .....	No.	90	620	825
12 tubes and over .....	No.	169	1,360	1,655
Total Consols .....	No.	6,724	21,738	40,347
Total Value at List Prices .....	\$	817,440	2,872,957	5,114,672
Table and Mantle only -				
4 tubes or less .....	No.	734	7,621	7,665
5 tubes .....	No.	3,080	4,710	14,973
6 tubes .....	No.	956	1,671	2,693
7 tubes .....	No.	418	1,285	1,546
8 tubes and over .....	No.	691	1,551	2,096
Total Table and Mantle .....	No.	5,879	20,838	28,973
Total Value at List Prices .....	\$	413,973	1,255,240	1,756,748
Combinations, phonograph and radio .	No.	30	333	298
Value at List Prices .....	\$	8,010	101,849	83,903
GRAND TOTAL A. C. RECEIVING SETS .....	No.	12,633	42,959	69,613
GRAND TOTAL VALUE AT LIST PRICES .....	\$	1,239,423	4,230,046	6,955,323
<b>AUTOMOBILE SETS -</b>				
4 tubes or less .....	No.	3	21	31
5 tubes .....	No.	166	618	2,677
6 tubes .....	No.	190	820	11,703
7 tubes and over .....	No.	2	7	608
Total Automobile Sets .....	No.	361	1,466	15,019
Total Value at List Prices .....	\$	21,370	87,222	785,286
PORTABLE SETS .....	No.	6	18	30
Value at List Prices .....	\$	673	1,928	3,075
<b>BATTERY OPERATED RECEIVING SETS (excluding automobile and portable)</b>				
Consols only -				
4 tubes or less .....	No.	196	253	699
5 tubes .....	No.	421	252	1,564
6 tubes .....	No.	501	336	1,117
7 tubes .....	No.	199	94	1,021
8 tubes and over .....	No.	175	94	372
Total Consols .....	No.	1,492	1,029	4,773
Total Value at List Prices .....	\$	139,078	100,353	420,325
Table and Mantle only -				
4 tubes or less .....	No.	705	769	2,534
5 tubes .....	No.	803	444	2,227
6 tubes .....	No.	553	394	1,901
7 tubes .....	No.	269	82	712
8 tubes and over .....	No.	119	77	220
Total Table and Mantle .....	No.	2,449	1,766	7,594
Total Value at List Prices .....	\$	144,486	105,937	453,564
GRAND TOTAL ALL BATTERY SETS (except automobile and portable) .....	No.	3,941	2,795	12,367
GRAND TOTAL VALUE AT LIST PRICES .....	\$	283,564	206,290	873,889
GRAND TOTAL - ALL SETS .....	No.	16,941	47,238	97,034
GRAND TOTAL VALUE AT LIST PRICES .....	\$	1,545,030	4,525,486	8,617,573

NOTE - Figures in brackets indicate the extent to which sales are exceeded by returned merchandise.

BY PROVINCES, CALENDAR YEAR 1936 WITH COMPARATIVE TOTALS FOR 1935 and 1934.

Manitoba	Saskatchewan	Alberta	British Columbia	CANADA 1936	CANADA 1935	CANADA 1934
15	10	20	30	263	2,465	2,271
1,436	721	967	2,339	28,746	27,935	19,951
1,303	370	708	1,579	15,452	15,266	18,149
929	269	523	1,416	10,435	11,202	8,774
1,171	560	714	1,749	14,792	9,813	11,447
823	335	585	1,466	10,083	1,589	1,315
512	243	273	763	6,138	6,208	4,321
172	55	95	197	2,054	1,866	2,035
369	144	234	554	4,485	2,940	2,263
6,720	2,707	4,119	10,093	92,498	79,284	70,526
911,258	359,798	552,072	1,368,141	11,996,338	9,235,056	(x)
1,477	777	1,383	2,342	21,999	9,667	14,311
2,049	935	1,635	3,292	34,674	27,705	25,834
528	217	456	891	7,412	11,478	13,284
299	188	283	686	4,705	3,528	1,593
306	177	312	752	5,885	2,995	2,512
4,659	2,294	4,069	7,963	74,675	55,373	57,534
300,385	140,483	250,830	516,446	4,634,105	3,358,554	(x)
80	17	47	129	934	431	1,114
21,108	4,276	12,666	37,491	269,303	145,238	(x)
11,459	5,018	8,235	18,185	168,107	135,088	129,174
1,232,751	504,557	815,568	1,922,078	16,899,746	12,828,848	(x)
18	...	3	6	82	1,354	3,439
316	109	188	394	4,468	3,702	3,421
183	142	239	287	13,564	11,306	5,319
1	1	2	4	625	9	189
518	252	432	691	18,739	16,371	12,368
30,661	15,034	25,555	41,012	1,006,140	937,331	(x)
7	2	12	24	99	172	337
581	209	1,459	2,925	10,850	12,017	(x)
568	462	522	164	2,864	1,364	772
1,831	1,417	1,502	375	7,362	5,822	4,481
1,357	1,464	1,403	347	6,525	4,276	4,106
637	328	356	141	2,776	5,388	5,343
582	374	521	242	2,360	364	1,163
4,975	4,045	4,304	1,269	21,887	17,214	15,865
475,789	369,815	403,716	127,338	2,036,414	1,505,612	(x)
3,185	2,120	2,419	792	12,524	4,634	1,317
4,505	2,357	2,849	712	13,897	8,236	4,556
2,763	1,405	1,049	469	8,534	5,910	1,616
756	519	182	132	2,652	2,520	1,315
423	168	234	240	1,481	144	629
11,632	6,569	6,733	2,345	39,088	21,444	9,433
626,448	373,260	370,691	148,297	2,222,683	1,229,712	(x)
16,607	10,614	11,037	3,614	60,975	38,658	25,298
1,102,237	743,075	774,407	275,635	4,259,097	2,735,324	(x)
28,591	15,886	19,716	22,514	247,920	190,289	167,177
2,366,230	1,262,875	1,616,989	2,241,650	22,175,833	16,513,520	(x)

(x) Value at list prices not available for 1934.



LIST OF MANUFACTURERS OF RADIO RECEIVING SETS

FIRST QUARTER, 1937.

<u>Name</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 Breighaupt St., Kitchener, Ont.
Mohawk Radio Ltd.	436 Wellington St. W., Toronto 2, Ont.
Northern Electric Co., Ltd.	1820 Notre Dame St. W., Montreal, P.Q.
Philco Products Limited of Canada	1244 Dufferin St., Toronto, Ont.
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.
Victor Talking Machine Company of Canada, Limited	925 Lenoir St., Montreal, P. Q.

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

Year	P R O D U C T I O N		I M P O R T S	
	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	91,930

LIST OF MANUFACTURERS OF RADIO RECEIVING TUBES, 1937.

Canadian Westinghouse Co., Ltd.	Hamilton, Ontario
Rogers Radio Tubes Ltd.	Toronto, Ont.
Radio Valve Co. of Canada, Ltd.	Toronto, Ont.