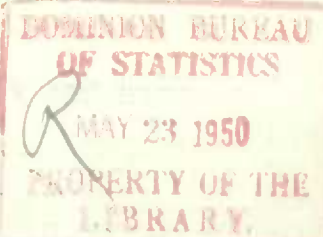




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NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOT

YEAR - 1949

(A) Dealers' Report on Non-ferrous Scrap Metal

(See Explanatory Notes at End of Report)

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(pounds)		
<u>Aluminum Scrap -</u>					
Maritimes .....	32,996	385,389	319,391	56,644	42,350
Quebec .....	536,120	5,707,626	1,271,101	4,362,709	609,936
Ontario .....	942,567	13,444,256	2,536,549	10,967,081	883,193
Manitoba .....	68,647	386,578	25,520	354,830	74,875
Saskatchewan .....	169,996	72,647	17,507	18,309	206,827
Alberta .....	63,921	420,202	61,735	376,396	45,992
British Columbia .....	31,670	505,107	44,953	459,481	32,343
CANADA .....	1,845,917	20,921,805	4,276,756	16,595,450(★)	1,895,516

(★) Includes 4,637,570 pounds exported.

Exports of aluminum scrap during year 1949: To United States - 8,055,700 pounds, valued at \$1,005,291.  
Brazil - 712,600 pounds, valued at \$ 98,814.  
Total exports - 8,768,300 pounds, valued at \$1,104,105.

Imports of aluminum scrap during year 1949: From - United States 114,000 pounds, valued at \$8,769.

Brass and Bronze Scrap -

(a) Red Brass: (Includes No.1 composition red brass, cocks and faucets, radiators, fourdrinier wire, No.1 red brass turnings) -

Maritimes .....	207,046	656,926	281,500	343,521	238,951
Quebec .....	634,254	5,063,625	1,664,633	3,459,988	573,258
Ontario .....	2,504,336	18,162,864	1,694,301	16,165,396	2,807,503
Manitoba .....	123,914	789,871	106,853	698,660	108,272
Saskatchewan .....	240,024	216,325	178,245	67,366	210,738
Alberta .....	214,314	606,587	171,753	482,451	166,697
British Columbia .....	134,347	664,712	149,551	428,785	220,723
CANADA .....	4,058,235	26,160,910	4,246,836	21,646,167(★)	4,326,142

(★) Includes 636,613 pounds exported.

(b) Yellow Brass: (Includes car brasses, gilding metal, scrap brass, cartridge cases, condenser tubes, heavy yellow brass and yellow brass castings, clippings, turnings and light brass) -

Maritimes .....	225,470	436,740	213,111	258,251	190,848
Quebec .....	515,047	16,912,245	2,435,563	14,570,239	421,490
Ontario .....	1,392,885	11,422,462	1,976,399	9,653,999	1,184,949
Manitoba .....	60,783	280,992	21,077	249,671	71,027
Saskatchewan .....	82,167	45,716	40,241	20,236	67,406
Alberta .....	48,235	144,385	17,987	118,362	56,271
British Columbia .....	127,789	527,077	58,328	432,404	164,134
CANADA .....	2,452,376	29,769,617	4,762,706	25,303,162(★)	2,156,125

(★) Includes 1,849,169 pounds exported.

Note: This report was prepared in the Mining, Metallurgical and Chemical Section.

## Non-ferrous Scrap Metal

- 2 -

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(pounds)		
<u>Brass and Bronze Scrap</u> -(concluded)					
(c) <u>Miscellaneous Bronze</u> : (Includes aluminum bronze, manganese bronze castings and turnings, silicon bronze, or any other non-tin bronze) -					
Maritimes .....	59,146	32,019	16,514	...	74,651
Quebec .....	90,817	792,927	151,029	592,179	140,536
Ontario .....	446,808	601,177	91,993	464,175	491,817
Manitoba .....					
Saskatchewan .....					
Alberta .....	243,900	75,948	11,119	79,652	229,077
British Columbia .....					
CANADA .....	840,671	1,502,071	270,655	1,136,006(★)	936,081
TOTAL BRASS AND BRONZE SCRAP	7,351,282	57,432,598	9,280,197	48,085,335(★★)	7,418,348

(★) Includes 227,584 pounds exported.

(★★) Includes 2,713,366 pounds exported.

Year 1949 Exports of brass scrap, dross and ashes, To:		United States	- 5,063,300 pounds, valued at \$545,363.
		India	- 1,485,500 pounds, valued at \$205,303.
		Netherlands	- 26,800 pounds, valued at \$ 3,971.
		Total Exports	- 6,575,600 pounds, valued at \$754,637.
Year 1949 Imports of brass scrap - From:		United States	- 3,556,700 pounds, valued at \$642,716.
		French West Indies	- 120,000 pounds, valued at \$ 6,030.
		Newfoundland	- 2,700 pounds, valued at \$ 270.
		Netherland Antilles	- 3,600 pounds, valued at \$ 208.
		Total Imports	- 3,683,000 pounds, valued at \$649,224.

Copper Scrap - (Includes slag, skimmings and sludge) -

Maritimes .....	165,449	925,623	389,745	494,905	206,422
Quebec .....	1,365,488	26,773,825	2,049,343	25,654,330	435,640
Ontario .....	1,599,695	17,491,363	2,772,858	14,982,940	1,335,260
Manitoba .....	122,317	846,397)			255,996
Saskatchewan .....	121,715	144,984)	130,727	739,195	109,495
Alberta .....	146,394	535,133	84,332	420,809	176,386
British Columbia .....	171,379	1,751,200	438,241	1,211,284	273,054
CANADA .....	3,692,437	48,468,525	5,865,246	43,503,463(★)	2,792,253

(★) Includes 3,346,661 pounds exported.

Year 1949 exports of copper scrap, slag, skimmings -		To: United States	- 6,433,800 pounds, valued at \$1,049,470.
		Germany	- 223,900 pounds, valued at \$ 34,717.
		India	- 206,800 pounds, valued at \$ 32,790.
		Italy	- 167,900 pounds, valued at \$ 26,880.
		Total Exports	- 7,032,400 pounds, valued at \$1,143,857.
Year 1949 imports of copper scrap From:		United States	- 730,300 pounds, valued at \$ 134,345.
		Puerto Rico	- 25,000 pounds, valued at \$ 2,513.
		Newfoundland	- 2,600 pounds, valued at \$ 307.
		Bermuda	- 2,700 pounds, valued at \$ 215.
		Total Imports	- 760,600 pounds, valued at \$ 137,380.

Magnesium Scrap -

CANADA .....	35,427	27,074	34,833	17,716	9,952
Year 1949 exports - Nil.					
Year 1949 imports - Nil.					

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(pounds)		
Nickel Scrap -					
Maritimes .....	35,560	117,979	44,132	68,363	41,044
Quebec .....					
Ontario .....					
Manitoba .....	221,002	729,558	55,495	683,227	211,838
Saskatchewan .....					
Alberta .....	...	...	...	...	...
British Columbia .....	...	...	...	...	...
CANADA .....	256,562	847,537	99,627	751,590(★)	252,882

(★) Includes 160,294 pounds exported.

Exports - see classification "Metallic Scrap, Dross and Ashes, n.o.p."

Year 1949 imports - Nil.

<b>Tin-Lead Scrap - (Includes secondary tin in pig, tin pipe, sheets, babbitt, type metal and solder joints)-</b>					
Maritimes .....	7,204	73,866	14,707	56,213	10,150
Quebec .....	111,758	483,631	117,959	327,253	150,177
Ontario .....	139,202	1,627,734	184,678	1,344,798	237,460
Manitoba .....	8,754	73,375)	9,556	74,130	6,400
Saskatchewan .....	30,365	7,177)			29,585
Alberta .....	4,709	30,834 )			6,524
British Columbia .....	3,348	27,001 )	18,656	36,889	3,823
CANADA .....	305,340	2,323,618	345,556	1,839,283	444,119

**Heavy Soft Lead, Chest Lead  
with or without paper**

Maritimes .....	67,077	656,771	337,103	296,678	90,067
Quebec .....	762,234	4,345,696	842,877	3,636,730	628,323
Ontario .....	534,826	4,732,757	1,056,675	3,675,637	535,271
Manitoba .....	19,513	168,187)	22,681	153,921	35,045
Saskatchewan .....	4,976	29,812)			10,841
Alberta .....	21,796	41,549	7,367	45,883	10,095
British Columbia .....	27,213	149,713	37,920	116,447	22,559
CANADA .....	1,437,635	10,124,485	2,304,623	7,925,296(★)	1,332,201

(★) Includes 275,027 pounds exported.

**Hard Lead, Battery Plates  
Tops and Cable Lead**

Maritimes .....	119,441	1,682,813	598,310	1,057,833	146,111
Quebec .....	431,095	9,034,017	1,563,157	7,651,625	250,330
Ontario .....	899,821	27,423,215	5,603,524	21,586,495	1,133,017
Manitoba .....	314,962	2,937,101)	729,520	3,100,602	197,436
Saskatchewan .....	206,914	820,816)			252,235
Alberta .....	388,186	2,335,091	789,998	1,662,868	270,411
British Columbia .....	177,964	2,042,049	285,269	1,531,522	403,222
CANADA .....	2,538,383	46,275,102	9,569,778	36,590,945(★)	2,652,762
TOTAL TIN AND LEAD SCRAP ...	4,281,358	58,723,205	12,219,957	46,355,524(★★)	4,429,082

(★) Includes 2,601,883 pounds exported.

(★★) Includes 2,877,412 pounds exported.

Exports - see classification "Metallic scrap, dross and ashes, n.o.p."

Imports of "Lead, Old and Scrap" during year 1949: From - Netherlands	665,929 pounds, valued at \$76,912.
Philippines	203,273 pounds, valued at \$19,505.
Bermuda	10,000 pounds, valued at \$ 402.
United States	7,845 pounds, valued at \$ 1,371.
Total Imports	887,047 pounds, valued at \$98,190.



	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(pounds)		
Zinc Scrap - (Includes clippings, engravers' and lithographers' plates, radiator grills and die casts) -					
Maritimes .....	54,770	67,967	46,930	9,786	66,021
Quebec .....	186,099	1,245,335	333,452	975,586	122,395
Ontario .....	306,789	7,031,747	429,977	6,555,492	353,067
Manitoba .....	27,219	243,116)	32,289	234,947	16,216
Saskatchewan .....	27,201	9,647)			23,731
Alberta .....	7,345	35,278	4,454	24,719	13,450
British Columbia .....	9,531	35,475	6,960	30,889	7,157
CANADA .....	618,954	8,668,565	854,062	7,831,419(x)	602,038

(★) Includes 4,801,450 pounds exported.

Year 1949 exports of zinc scrap, dross and ashes -

To: Belgium	- 6,064,800 pounds, valued at \$205,555.
United States	- 5,389,800 pounds, valued at \$388,979.
India	- 592,800 pounds, valued at \$ 58,979.
British Guiana-	1,100 pounds, valued at \$ 243.
Total Exports	-12,048,500 pounds, valued at \$653,756.

Drosses - (Antimonial lead brass residues, genuine babbitt, lead solder, type and babbitt zinc) -

Maritimes .....	750,309	3,560,563	1,107,749	2,396,796	806,327
Quebec .....	630,417	6,670,783	1,299,078	5,421,711	580,411
Ontario .....					
Manitoba .....					
Saskatchewan .....	68,286	396,477	72,572	352,691	39,500
Alberta .....					
British Columbia .....					
CANADA .....	1,449,012	10,627,823	2,479,399	8,171,198(★)	1,426,238

(★) Includes 1,477,582 pounds exported.

Exports and Imports - see footnotes under "Miscellaneous Bronze", "Zinc Scrap" and "Metallic Scrap, Dross and Ashes, n.o.p."

Year 1949 exports of "Metallic Scrap, Dross and Ashes, n.o.p.":

To: United States	- 27,099,000 pounds, valued at \$301,259.
Netherlands	- 17,000 pounds, valued at \$ 2,099.
Total Exports	- 27,116,000 pounds, valued at \$303,358.

This report includes cupro-nickel scrap and residue, lead dross, contaminated soft lead, etc., for which no specific export classifications are provided.

#### EXPLANATORY NOTES

1. Due to "Dealer to Dealer" transactions some duplication exists in the figures given in the 'Purchases or Receipts' column.
2. The data on imports and exports have been taken from the monthly "Trade of Canada" report issued by the External Trade Section, Dominion Bureau of Statistics. These figures are not confined solely to operations of scrap metal dealers whose reports comprise the major part of this tabulation.

(B) Ingot Makers' Report on Non-ferrous Scrap Metal  
For Year - 1949

Table 1 - Ingot Makers' Scrap

	Stocks 1st of period	Purchases or receipts	Used or sold	Stocks end of period
	(pounds)			
Aluminum .....	741,232	10,357,933	10,219,137	880,028
No.1 copper wire .....	455,243	4,174,868	4,562,302	67,809
No.2 copper wire .....	17,533	1,906,884	1,844,443	79,974
Heavy copper .....	n.a.p.	275,526	280,967	n.a.p.
Light copper .....	60,059	513,325	563,953	9,431
Radiators .....	182,248	2,980,971	3,052,080	111,139
Cocks and faucets .....	n.a.p.	185,292	182,194	n.a.p.
Composition red brass .....	138,915	7,096,587	7,107,813	127,689
Composition red brass turnings .....	35,455	2,851,963	2,844,050	43,368
Yellow brass .....	597,140	3,989,268	4,470,939	115,469
Yellow brass turnings .....	108,583	1,409,994	1,418,980	99,597
Manganese bronze turnings .....	n.a.p.	182,879	183,766	n.a.p.
Other copper base alloys (x) .....	26,120	281,655	279,369	28,406
Lead .....	47,557	16,898,785	16,209,611	736,731
Zinc .....	...	5,770,528	5,170,619	599,909
TOTAL .....	2,454,675	58,876,458	58,390,223(★)	2,940,910

(x) includes copper band shavings and silicon bronze turnings.

(★) includes 55,923,496 pounds used by ingot makers and sales of 2,466,727 pounds.

n.a.p. - Not available for publication.

Table 2 - Secondary Non-ferrous Ingot (Data for Secondary smelters only)

Kind of Ingots	Stocks 1st of period	Produced	Used or sold	Stocks end of period
	(pounds)			
Copper base alloys (A-F) .....	1,410,123	20,802,939	21,291,519	921,543
Silicon bronze .....	17,334	380,410	391,760	5,984
Manganese bronze .....	88,339	664,189	711,801	40,727
Other brass or bronze .....	671,707	5,551,994	5,839,582	384,119
Aluminum .....	210,186	9,095,301	8,756,040	549,447
Copper .....	...	357,723	337,186	20,537
Lead .....	...	2,923,732	2,766,934	156,798
Zinc .....	...	5,049,995	4,957,968	92,027
TOTAL .....	2,397,689	44,826,283	45,052,790(★)	2,171,182

(★) Includes 3,240,341 pounds used in ingot makers' own works, and sales of 41,812,449 pounds.



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