

## D.B.S. MEMORANDUM

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NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOTFOURTH QUARTER - 1951(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 (pounds)	To consumers	
<u>Aluminum Scrap -</u>					
Maritimes .....	28,010	95,901	36,857	44,560	42,494
Quebec .....	957,756	3,198,225	1,004,482	2,537,104	614,395
Ontario .....	805,935	4,418,230	646,633	4,052,926	524,606
Manitoba .....	47,953	191,606	...	174,925	64,634
Saskatchewan .....	67,242	14,810	8,497	2,000	71,555
Alberta .....	57,559	102,025	13,754	105,314	40,516
British Columbia .....	86,763	319,390	74,968	245,853	85,332
CANADA .....	2,051,218	8,340,187	1,785,191	7,162,682 (*)	1,443,532

(\*) Includes 122,232 pounds exported.

Exports of aluminum scrap during 4th Quarter 1951 -

To: United States 541,800 pounds, valued at \$106,145

Imports of aluminum scrap during 4th Quarter 1951 - Nil

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 .....	184,064	298,939	156,673	142,622	183,708
Quebec .....	549,285	1,756,338	481,389	1,287,034	537,200
Ontario .....	1,241,846	4,691,108	556,919	3,258,969	2,117,066
Manitoba .....	44,737	258,911	25,908	191,438	86,302
Saskatchewan .....	219,561	62,393	17,471	34,210	230,273
Alberta .....	74,893	160,152	24,376	98,554	112,115
British Columbia .....	143,403	321,954	89,157	195,809	180,391
CANADA .....	2,457,789	7,549,795	1,351,893	5,208,636	3,447,055

(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 brasses)-

Maritimes .....	171,058	170,408	72,850	76,217	192,399
Quebec .....	515,318	3,239,409	277,165	3,071,818	405,744
Ontario .....	1,562,699	4,269,260	454,353	3,390,655	1,986,951
Manitoba .....	38,574	79,918	5,913	76,495	36,084
Saskatchewan .....	65,537	18,498	3,010	2,700	78,325
Alberta .....	38,049	39,358	16,171	40,543	20,693
British Columbia .....	246,296	188,427	33,266	128,809	272,648
CANADA .....	2,637,531	8,005,278	862,728	6,787,237 (*)	2,992,844

(\*) Includes 145,589 pounds exported.

## Non-ferrous Scrap Metal

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	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers (pounds)	To consumers	
Brass and Bronze Scrap - (Concluded)					
(c) <u>Miscellaneous Bronze:</u>	(Includes aluminum bronze, manganese bronze, castings and turnings, silicon bronze, or any other non-tin bronze)				
Maritimes .....	52,610	14,461	337	14,282	52,452
Quebec .....	54,067	275,867	116,733	125,831	87,370
Ontario .....	484,968	781,264	93,031	752,431	420,770
Manitoba .....					
Saskatchewan .....	126,951	18,384	7,027	10,105	128,203
Alberta .....					
British Columbia .....					
CANADA .....	718,596	1,089,976	217,128	902,649 (*)	688,795
TOTAL BRASS AND BRONZE SCRAP-	5,813,916	16,645,049	2,431,749	12,898,522 (**)	7,128,694

(\*) Includes 277,381 pounds exported.

(\*\*) Includes 422,970 pounds exported.

4th Quarter 1951 exports of brass scrap, dross and ashes -

To: United States	498,300 pounds, valued at \$48,139
Sweden	130,500 pounds, valued at \$31,511
Total exports	628,800 pounds, valued at \$79,650

4th Quarter 1951 imports of brass scrap -

From: United States	155,800 pounds, valued at \$31,304
Mexico	4,300 pounds, valued at \$ 599
United Kingdom	1,900 pounds, valued at \$ 226
Total imports	162,000 pounds, valued at \$32,129

Copper Scrap - (Includes slag, skimmings and sludge)

Maritimes .....	175,379	363,795	181,512	141,572	216,090
Quebec .....	1,064,567	5,074,193	318,923	4,747,115	1,072,722
Ontario .....	2,007,411	7,139,605	1,062,907	5,564,131	2,519,978
Manitoba .....	56,563	241,158	12,981	209,392	75,348
Saskatchewan .....	162,928	326,298	219,131	47,200	222,895
Alberta .....	158,911	182,210	38,248	117,308	185,565
British Columbia .....	391,445	381,460	62,989	355,319	354,597
CANADA .....	4,017,204	13,708,719	1,896,691	11,182,037 (*)	4,647,195

(\*) Includes 38,416 pounds exported.

4th Quarter 1951 exports of copper scrap, slag, skimmings: Nil

4th Quarter 1951 imports of copper scrap -

From: United States	329,900 pounds, valued at \$26,572
United Kingdom	400 pounds, valued at \$ 56
Total imports	330,300 pounds, valued at \$26,628

Magnesium Scrap -

CANADA .....	39,603	n.a.	n.a.	n.a.	41,244
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n.a. - Not available for publication

4th Quarter exports - Nil

4th Quarter imports - Nil

Nickel Scrap -

Maritimes .....	13,429	25,669	10,721	17,482	10,895
Quebec .....					
Ontario .....					
Manitoba .....	249,947	107,402	15,018	105,720	236,611
Saskatchewan .....					
Alberta .....					
British Columbia .....					
CANADA .....	263,376	133,071	25,739	123,202 (*)	247,506

(\*) Includes 26,669 pounds exported.

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

4th Quarter 1951 imports - Nil

Tin-Lead Scrap - (Includes secondary tin in pig, tin pipe, sheets, babbitt, type metal and solder joints)

Maritimes .....	16,563	7,594	4,647	18,238	1,272
Quebec .....	73,219	468,948	6,435	424,530	111,202
Ontario .....	111,207	753,632	212,587	471,563	180,689
Manitoba .....	13,852	24,106	1,136	19,001	17,821
Saskatchewan .....	38,728	2,318	819	...	40,227
Alberta .....	8,276	6,349	1,257	8,458	4,910
British Columbia .....	5,468	5,252	690	6,224	3,806
CANADA .....	267,313	1,268,199	227,571	948,014 (*)	359,927

(\*) Includes 290,625 pounds exported.

## Non-ferrous Scrap Metal

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	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers (pounds)	To consumers	
Heavy Soft Lead, Chest Lead, with or without paper -					
Maritimes .....	141,611	277,344	206,085	80,976	131,894
Quebec .....	166,204	870,005	140,382	614,503	281,324
Ontario .....	660,727	1,895,640	297,250	1,725,129	533,988
Manitoba .....	44,573	62,999	...	56,928	50,644
Saskatchewan .....	57,617	141,527	116,475	53,343	29,326
Alberta .....	32,454	35,030	8,196	16,259	43,029
British Columbia .....	40,853	71,852	16,775	41,798	54,132
CANADA .....	1,144,039	3,354,397	785,163	2,588,936 (*)	1,124,337

(\*) Includes 626,921 pounds exported.

Hard Lead, Battery Plates, Tops and Cable Lead -					
Maritimes .....	131,828	648,652	342,616	285,259	152,605
Quebec .....	1,857,653	5,169,096	1,597,595	2,931,327	2,497,827
Ontario .....	1,915,555	10,926,391	1,998,039	8,048,885	2,795,022
Manitoba .....	397,298	1,198,774	116,001	1,145,977	334,094
Saskatchewan .....	264,351	554,692	112,626	248,990	457,427
Alberta .....	233,886	1,002,276	327,700	632,880	275,582
British Columbia .....	650,438	1,185,921	95,216	1,187,904	553,239
CANADA .....	5,451,009	20,685,802	4,589,793	14,481,222 (*)	7,065,796
TOTAL TIN AND LEAD SCRAP ..	6,862,361	25,308,398	5,602,527	18,018,172 (**)	8,550,060

(\*) Includes 241,800 pounds exported.

(\*\*) Includes 1,159,346 pounds exported.

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

Imports of "Lead, old and scrap" during 4th Quarter 1951 - Nil

Zinc Scrap - (Includes clippings, engravers' and lithographers' plates, radiator grills, die casts)					
Maritimes .....	75,221	27,928	12,675	7,437	83,037
Quebec .....	133,026	351,788	65,377	299,285	120,152
Ontario .....	446,938	860,062	356,546	474,700	475,754
Manitoba .....	11,941	26,768	...	27,425	11,284
Saskatchewan .....	21,335	3,985	100	2,460	22,760
Alberta .....	4,276	4,856	779	2,209	6,144
British Columbia .....	2,252	14,464	2,750	9,676	4,290
CANADA .....	694,989	1,289,851	438,227	823,192	723,421

4th Quarter 1951 exports of zinc scrap, dross and ashes -

To: Japan	612,900 pounds, valued at \$70,808
Belgium	171,500 pounds, valued at \$13,925
Netherlands	120,600 pounds, valued at \$12,006
Total exports	905,000 pounds, valued at \$96,739

Drosses - (Antimonial lead, brass residues, genuine babbitts, lead solder, type and babbitt zinc)					
Maritimes .....	28,310	230,865	28,083	204,181	26,911
Quebec .....	1,455,517	4,084,938	275,560	3,422,810	1,842,085
Ontario .....	1,054,762	3,202,319	751,833	2,308,821	1,196,427
Manitoba .....					
Saskatchewan .....	140,989	218,158	47,835	157,322	153,990
Alberta .....					
British Columbia .....					
CANADA .....	2,679,578	7,736,280	1,103,311	6,093,134 (*)	3,219,413

(\*) Includes 1,912,441 pounds exported.

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

4th Quarter 1951 exports of "Metallic Scrap, Dross and Ashes, n.o.p." -

To: United States	5,820,300 pounds, valued at \$797,164
Belgium	312,800 pounds, valued at \$ 7,500
United Kingdom	165,200 pounds, valued at \$ 18,955
Netherlands	20,600 pounds, valued at \$ 19,532
Total exports	6,318,900 pounds, valued at \$843,151

(B) Ingot Makers' Report on Non-ferrous Scrap Metal  
 and Secondary Non-ferrous Ingot

Table 1 - Ingot Makers' Scrap

	Stocks 1st of period	Purchases or receipts	Used or sold	Stocks end of period
(pounds)				
Aluminum .....	1,272,490	6,095,261	6,047,973	1,319,778
Copper .....	802,506	3,233,967	3,236,821	799,652
Red brass .....	833,635	3,922,515	3,807,361	948,789
Yellow brass .....	818,339	2,177,950	2,213,129	783,160
Miscellaneous bronzes .....	124,763	258,882	352,747	30,898
Lead .....	2,662,966	25,550,762	24,787,441	3,426,287
Zinc .....	607,384	1,920,195	1,691,683	835,896
TOTAL .....	7,122,083	43,159,532	42,137,155 (*)	8,144,460

(\*) Includes 41,787,276 pounds used by ingot makers and sales of 349,879 pounds.

Table 2 - Secondary Non-ferrous Ingot (Data for Secondary Smelters Only)

Kind of ingot	Stocks 1st of period	Produced	Used or sold	Stocks end of period
(pounds)				
Copper base alloys (A-F) ....	2,283,242	6,629,127	6,067,402	2,844,967
Silicon and manganese bronzes	186,643	486,996	476,044	197,595
Other brass or bronzes .....	1,277,585	2,758,318	3,039,515	996,388
Aluminum .....	860,780	5,386,141	5,185,934	1,060,987
Copper .....	35,068	191,534	172,909	53,693
Lead .....	55,195	364,346	361,578	57,963
Zinc .....	299,430	1,586,410	1,585,565	300,275
TOTAL .....	4,997,943	17,402,872	16,888,947 (*)	5,511,868

(\*) Includes 551,917 pounds used in ingot makers' own works and sales of 16,337,030 pounds.

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