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NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOTYEAR - 1952(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	42,494	522,039	223,636	268,701	72,196
Quebec	614,395	9,440,532	3,080,968	6,084,097	889,862
Ontario	524,606	18,426,396	2,921,724	14,451,977	1,577,301
Manitoba	64,634	677,812	135,367	505,043	102,036
Saskatchewan	71,555	66,315	10,337	26,399	101,134
Alberta	40,516	427,209	77,236	344,828	45,661
British Columbia ..	85,332	809,011	249,885	466,552	177,906
CANADA	1,443,532	30,369,314	6,699,153	22,147,597*	2,966,096

* Includes 3,219,207 pounds exported.

Exports of aluminum scrap during year 1952:	To United States	-	5,400,100 pounds, valued at \$431,519.
	Italy	-	1,236,800 pounds, valued at \$184,873.
	Germany (W)	-	186,700 pounds, valued at \$21,718.
	Japan	-	87,200 pounds, valued at \$12,061.
	United Kingdom	-	75,800 pounds, valued at \$1,595.
	Total Exports	-	6,986,600 pounds, valued at \$651,766.

Imports of aluminum scrap during year 1952: From United States - 1,027,100 pounds, valued at \$100,488.

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	183,708	1,796,661	839,732	844,438	296,199
Quebec	537,200	7,773,261	4,544,613	3,167,508	598,340
Ontario	2,117,066	22,559,259	2,351,017	20,097,468	2,227,840
Manitoba	86,302	1,607,985	109,722	1,497,130	87,435
Saskatchewan	230,273	273,895	211,559	202,081	90,528
Alberta	112,115	821,912	263,675	552,288	118,064
British Columbia ..	180,391	2,728,186	814,628	1,668,939	425,010
CANADA	3,447,055	37,561,159	9,134,946	28,029,852*	3,843,416

* Includes 3,476,141 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	192,399	919,208	467,741	438,012	205,854
Quebec	405,744	13,742,020	3,522,131	10,154,665	470,968
Ontario	1,986,951	15,817,434	2,259,602	14,103,229	1,441,554
Manitoba	36,084	498,075	62,284	447,606	24,269
Saskatchewan	78,325	101,541	90,243	14,089	75,534
Alberta	20,693	236,773	73,307	166,343	17,816
British Columbia ..	272,648	2,405,128	1,102,228	1,461,725	113,823
CANADA	2,992,844	33,720,179	7,577,536	26,785,669*	2,349,818

* Includes 5,744,987 pounds exported.

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)		
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	52,452	118,089	71,446	98,524	571
Quebec	87,370	1,664,209	1,064,378	597,096	90,105
Ontario	420,770	3,199,279	481,060	2,815,990	322,999
Manitoba					
Saskatchewan					
Alberta	128,203	361,339	140,410	262,297	86,835
British Columbia ..					
CANADA	688,795	5,342,916	1,757,294	3,773,907*	500,510
TOTAL BRASS AND BRONZE SCRAP	7,128,694	76,624,254	18,469,776	58,589,428**	6,693,744

* Includes 746,266 pounds exported.

** Includes 9,967,394 pounds exported.

Year 1952 exports of brass scrap, dross and ashes:

To United States	-	5,658,300 pounds, valued at \$	708,207.
Japan	-	6,441,300 pounds, valued at \$	1,429,150.
Italy	-	4,118,900 pounds, valued at \$	942,560.
Sweden	-	1,131,700 pounds, valued at \$	244,310.
Netherlands	-	740,600 pounds, valued at \$	193,803.
Germany (W)	-	648,700 pounds, valued at \$	162,302.
Spain	-	354,800 pounds, valued at \$	96,443.
India	-	6,500 pounds, valued at \$	1,800.
Total Exports	-	19,100,800 pounds, valued at \$	3,778,575.

Year 1952 imports of brass scrap:

From United States	-	1,342,200 pounds, valued at \$	240,699.
Bermuda	-	140,000 pounds, valued at \$	20,701.
Trinidad	-	14,700 pounds, valued at \$	2,455.
United Kingdom	-	12,200 pounds, valued at \$	1,511.
Mexico	-	8,000 pounds, valued at \$	1,529.
Total Imports	-	1,517,100 pounds, valued at \$	266,895.

Copper Scrap - (Includes slag, skimmings and sludge)

Maritimes	216,090	1,658,554	823,181	829,506	221,957
Quebec	1,072,722	34,663,178	5,212,228	28,408,605	2,115,067
Ontario	2,519,978	36,123,291	6,059,924	29,348,268	3,235,077
Manitoba	75,348	1,775,811	203,459	1,563,511	84,189
Saskatchewan	222,895	357,125	222,134	248,108	109,778
Alberta	185,565	1,002,293	292,085	762,827	132,946
British Columbia ..	354,597	3,674,121	2,020,031	1,730,680	278,007
CANADA	4,647,195	79,254,373	14,833,042	62,891,505*	6,177,021

* Includes 6,880,333 pounds exported.

Year 1952 exports of copper scrap, slag, skimmings:

To United States	-	2,732,100 pounds, valued at \$	457,168.
Japan	-	482,400 pounds, valued at \$	81,053.
Sweden	-	109,800 pounds, valued at \$	16,467.
Belgium	-	104,500 pounds, valued at \$	7,314.
Spain	-	42,900 pounds, valued at \$	13,185.
Total Exports	-	3,471,700 pounds, valued at \$	575,187.

Year 1952 imports of copper scrap:

From United States	-	4,079,800 pounds, valued at \$	845,145.
Trinidad	-	18,000 pounds, valued at \$	4,186.
Total Imports	-	4,097,800 pounds, valued at \$	849,331.

Magnesium Scrap -

CANADA	41,244	14,101	10,866	36,221*	8,258
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* Includes 10,210 pounds exported.

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

Year 1952 imports - Nil.

Non-ferrous Scrap Metal

- 3 -

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers (pounds)	To consumers	
<u>Nickel Scrap -</u>					
Maritimes	10,895	353,610	135,687	198,701	30,117
Quebec					
Ontario	234,998	459,961	95,871	485,713	113,375
Manitoba					
Saskatchewan	1,613	49,534	19,746	27,424	3,977
Alberta					
British Columbia ..					
CANADA	247,506	863,105	251,304	711,838*	147,469

* Includes 395,341 pounds exported.

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

Imports year 1952 - Nil.

<u>Tin-Lead Scrap - (Includes secondary tin in pig, tin pipe, sheets, babbitt, type metal and solder joints).</u>					
Maritimes	1,272	206,999	134,366	39,651	171,695
Quebec	111,202	1,229,317	158,537	1,035,776	8,765
Ontario	180,689	4,575,853	1,432,675	3,058,957	264,910
Manitoba	17,821	129,062	16,685	110,949	19,249
Saskatchewan	40,227	4,807	...	31,355	13,679
Alberta	4,910	31,260	7,708	21,054	7,408
British Columbia ..	3,806	103,257	41,132	53,107	12,824
CANADA	359,927	6,280,555	1,791,103	4,350,849*	498,530

* Includes 1,737,087 pounds exported.

Heavy Soft Lead, Chest Lead,
with or without paper

Maritimes	131,894	885,706	542,536	324,302	150,762
Quebec	281,324	2,455,977	590,052	1,895,233	252,016
Ontario	533,988	6,010,999	960,982	4,897,591	686,414
Manitoba	50,644	439,844	16,696	408,427	65,365
Saskatchewan	29,326	172,060	181,724	575	19,087
Alberta	43,029	155,364	53,726	116,879	27,788
British Columbia ..	54,132	527,648	184,797	260,629	136,354
CANADA	1,124,337	10,647,598	2,530,513	7,903,636*	1,337,786

* Includes 44,451 pounds exported.

Hard Lead, Battery Plates,
Tops and Cable Lead

Maritimes	152,605	2,456,889	1,107,221	1,099,013	403,260
Quebec	2,497,827	8,157,792	2,334,566	6,759,272	1,561,781
Ontario	2,795,022	27,644,388	6,672,471	22,633,823	1,133,116
Manitoba	334,094	5,455,082	216,031	4,696,445	876,700
Saskatchewan	457,427	475,975	65,970	263,621	603,811
Alberta	275,582	2,446,627	862,167	1,566,118	293,924
British Columbia ..	553,239	4,586,756	1,046,620	3,716,506	376,869
CANADA	7,065,796	51,223,509	12,305,046	40,734,798*	5,249,461
TOTAL TIN AND LEAD SCRAP	8,550,060	68,151,662	16,626,662	52,989,283**	7,085,777

* Includes 9,423,036 pounds exported.

** Includes 11,204,574 pounds exported.

Exports of lead scrap during year 1952: To United States - 10,426,100 pounds, valued at \$1,163,151.

Imports of "Lead, Old and Scrap" during year 1952:

From United Kingdom -	55,610 pounds, valued at \$	9,182.
United States	15,087 pounds, valued at \$	2,785.
Belgium	166,931 pounds, valued at \$	31,618.
Trinidad	20,811 pounds, valued at \$	2,183.
Netherlands	950 pounds, valued at \$	105.
Total Imports -	<u>259,389</u> pounds, valued at \$	<u>45,873.</u>

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers (pounds)	To consumers	
<u>Zinc Scrap</u> - (Includes clippings, engravers' and lithographers' plates, radiator grills and die casts)					
Maritimes	83,037	129,203	49,263	47,921	115,056
Quebec	120,152	1,054,550	258,828	724,952	190,922
Ontario	475,754	3,161,862	821,890	2,141,790	673,936
Manitoba	11,284	159,441	5,988	124,842	39,895
Saskatchewan	22,760	13,254)	8,617	37,793	33,598
Alberta	6,144	55,123)			17,273
British Columbia ..	4,290	106,817	18,906	35,154	57,047
CANADA	723,421	4,680,250	1,163,492	3,112,452*	1,127,727

* Includes 220,486 pounds exported.

Year 1952 exports of zinc scrap, dross and ashes:

To United States	- 6,071,100 pounds, valued at \$427,363.
Belgium	- 987,700 pounds, valued at \$ 37,607.
United Kingdom	- 98,400 pounds, valued at \$ 5,494.
Germany (W)	- 50,100 pounds, valued at \$ 7,017.
Netherlands	- 44,000 pounds, valued at \$ 4,071.
Japan	- 2,000 pounds, valued at \$ 200.
Total Exports	- <u>7,253,300</u> pounds, valued at <u>\$481,752.</u>

<u>Drosses</u> - (Antimonial lead, brass residues, genuine babbitt, lead solder, type and babbitt zinc)					
Maritimes	26,911	392,567	236,570	4,910	177,998
Quebec	1,842,085	4,944,599	605,369	4,802,382	1,378,933
Ontario	1,196,427	9,268,080	2,319,145	6,769,602	1,375,760
Manitoba	32,310	235,554	43,921	195,195	28,748
Saskatchewan					
Alberta	121,680	529,564	51,438	420,452	179,354
British Columbia ..)					
CANADA	3,219,413	15,370,364	3,256,443	12,192,541*	3,140,793

* Includes 5,108,085 pounds exported.

Year 1952 exports of "Metallic scrap, dross and ashes, n.o.p.":

To United States	- 36,546,500 pounds, valued at \$1,545,029.
United Kingdom	- 10,101,700 pounds, valued at \$ 229,947.
Belgium	- 509,700 pounds, valued at \$ 7,654.
Japan	- 368,300 pounds, valued at \$ 94,731.
Italy	- 197,700 pounds, valued at \$ 77,220.
Germany (W)	- 78,500 pounds, valued at \$ 36,462.
Spain	- 67,400 pounds, valued at \$ 20,737.
Sweden	- 61,300 pounds, valued at \$ 9,191.
Netherlands	- 13,200 pounds, valued at \$ 12,125.
Total Exports	- <u>47,944,300</u> pounds, valued at <u>\$2,033,096.</u>

EXPLANATORY NOTES

1. Due to "Dealer to Dealer" transactions, some duplication exists in the figures given in the 'Purchases or Receipts' column of Section (A) of this report.
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.

(B) Ingot Makers' Report on Non-ferrous Scrap Metal
and Secondary Non-ferrous Ingot for Year 1952

Table 1 - Ingot Makers' Scrap

	Stocks 1st of period	Purchases or receipts	Used or sold	Stocks end of period
	(pounds)			
Aluminum	1,319,778	17,712,510	17,461,902	1,570,386
Copper	799,652	16,647,116	16,851,269	595,499
Red brass	948,789	15,605,737	16,223,926	330,600
Yellow brass	783,160	6,271,993	6,805,446	249,707
Miscellaneous	30,898	2,858,910	2,824,086	65,722
Lead	3,426,287	67,595,931	68,661,763*	2,360,455
Zinc	835,896	6,659,841	7,259,493	236,244
TOTAL	8,144,460	133,352,038	136,087,885**	5,408,613

* Lead scrap shown consumed is used mostly in production of finished products; therefore does not show up in this report.

** Includes 130,434,595 pounds used by ingot makers and sales of 5,653,290 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)	2,844,967	30,675,044	31,151,596(1)	2,368,415
Silicon and manganese bronzes ..	197,595	2,759,186	2,840,527(2)	116,254
Other brass or bronzes	996,388	11,034,900	11,470,289(3)	560,999
Aluminum	1,060,987	17,870,870	16,571,392	2,360,465
Copper	53,693	1,818,080	1,787,106	84,667
Lead	57,963	1,085,986	1,126,401	17,548
Zinc	300,275	3,244,589	3,515,071	29,793
TOTAL	5,511,868	68,488,655	68,462,382*	5,538,141

(1) Includes 2,081,869 pounds exported.

(2) Includes 206,266 pounds exported.

(3) Includes 92,925 pounds exported.

* Includes 4,271,763 pounds used by ingot makers' own works and sales of 64,190,619 pounds.

NOTE: Figures for refined antimonial lead and refined babbitt and type for the full year 1952: Not available.

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