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Memorandum

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NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOT

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

	Stocks 1st of period	Purchases or receipts	Sales	Exports	Stocks end of period
			(Pounds)		
<u>Aluminum Scrap</u>					
Clean aluminum wire and cable, etc.(1) ...	430,962	1,243,901	767,770	613,615	293,478
Pots, pans, pure old sheet and castings ..	461,075	1,268,483	879,693	556,791	293,074
Clean duraluminum	152,820	437,547	345,188	180,748	64,431
Mixed aluminum scrap (unsegregated)	1,066,917	1,234,733	779,381	461,335	1,060,934
Scrap 75s clippings and turnings	227,417	568,481	489,659	84,140	222,099
Turnings, skimmings, dross, etc.(2)	903,820	2,855,198	832,673	1,887,515	1,038,830
Total aluminum group Canada	3,243,011	7,608,343	4,094,364	3,784,144	2,972,846

Exports of aluminum scrap during 2nd quarter 1954 -

As reported by External Trade	To:	United States	3,193,700 pounds, valued at \$363,016.
		Germany West	2,577,500 pounds, valued at \$391,852.
		Italy	390,300 pounds, valued at \$ 66,250.
		Japan	121,600 pounds, valued at \$ 22,024.
		Netherlands	11,400 pounds, valued at \$ 1,350.
	Total Exports	6,294,500 pounds, valued at \$844,492.	

Imports of aluminum scrap during 2nd quarter 1954 - not available.

Copper Scrap

No. 1 copper scrap	1,256,157	8,813,359	8,687,885	468,728	912,903
No. 2 copper, light copper, etc.(1)	1,603,016	6,612,573	4,207,890	1,305,893	2,701,806
Copper bearing material, etc. (2)	1,401,907	2,162,118	1,499,144	849,300	1,215,581
No. 1 Red brass scrap, turnings, etc.(3) .	1,901,145	4,393,411	4,027,588	246,506	2,020,462
Scrap radiators	603,111	1,418,734	1,470,839	81,711	469,295
Brass mill scrap, clippings, etc.(4)	1,359,990	12,891,423	4,931,461	8,417,094	902,858
Yellow brass scrap and turnings, etc.(5) .	2,051,567	3,375,619	2,833,401	450,547	2,143,238
Misc. brass and bronze, etc.(6)	329,674	163,574	134,833	260	358,155
Total copper group Canada	10,506,567	39,830,811	27,793,041	11,820,039	10,724,298

2nd quarter 1954 exports of brass scrap, dross and ashes -

As reported by External Trade	To:	United States	1,286,900 pounds, valued at \$176,587.
		Germany West	1,635,100 pounds, valued at \$293,954.
		United Kingdom	187,200 pounds, valued at \$ 31,806.
		India	188,200 pounds, valued at \$ 31,929.
		Italy	100,900 pounds, valued at \$ 16,000.
		Japan	46,200 pounds, valued at \$ 8,780.
	Total Exports	3,444,500 pounds, valued at \$559,056.	

2nd quarter 1954 imports of brass scrap, dross and ashes - not available.

Prepared in the Mineral Statistics Section, Industry and Merchandising Division.
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Non-ferrous Scrap Metal

1954 2nd quarter - 2 -

	Stocks 1st of period	Purchases or receipts	Sales	Exports	Stocks end of period
			(Pounds)		

Copper Scrap (concluded)

2nd quarter 1954 exports of copper scrap, slag, skimmings -

As reported by External Trade

To: United States	1,182,400	pounds, valued at \$	162,238.
Germany West	2,705,900	pounds, valued at \$	687,293.
Japan	964,100	pounds, valued at \$	237,390.
India	296,400	pounds, valued at \$	81,962.
United Kingdom	74,800	pounds, valued at \$	13,693.
Total Exports	5,223,600	pounds, valued at \$	1,182,576.

2nd quarter 1954 imports of copper scrap - not available.

Magnesium Scrap

CANADA	41,305	12,204	11,901	-	41,608
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Exports - see classification "Metallic Scrap, Dross and Ashes, n.o.p.".

Imports - 2nd quarter 1954 - not available.

Nickel Scrap

All pure nickel scrap	43,006	24,386	20,301	9,237	37,854
Cupro-nickel scrap	201,502	794,782	783,508	-	212,776
Monel scrap	107,831	143,874	118,292	33,336	100,077
Nickel, silver or german silver scrap	42,324	30,508	24,793	11,672	36,367
All other nickel alloy scrap	58,662	190,381	79,282	33,309	136,452
Total nickel group Canada	453,325	1,183,931	1,026,176	87,554	523,526

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

Imports - 2nd quarter 1954 - not available.

Lead Scrap

Battery plates and lead dross	6,458,065	10,142,538	9,565,338	1,476,222	5,559,043
Scrap lead including cable lead	3,153,892	2,667,037	2,718,354	5,654	3,096,921
Low grade & mixed babbitt & babbitt dross .	211,754	105,856	102,830	-	214,780
High tin babbitt, pewter and scrap tin	81,382	31,425	28,622	-	84,185
Scrap solder, joints, & solder, & tin dross	313,781	297,688	303,919	-	307,550
Scrap type metal and type metal dross	283,535	455,142	562,447	-	176,230
Other lead and tin scrap	197,335	295,087	323,439	-	168,983
Total lead group Canada	10,699,744	13,994,773	13,604,949	1,481,876	9,607,692

Exports of lead scrap during 2nd quarter 1954

To: United States 192,500 pounds, valued at \$13,277.

Imports of "Lead, Old and Scrap" during 2nd quarter 1954 - not available.

	Stocks 1st of period	Purchases or receipts	Sales	Exports	Stocks end of period
	(Pounds)				
Zinc Scrap					
New zinc scrap incl. engravers' plates ...	230,802	185,831	107,299	-	309,334
Old zinc scrap	374,346	215,523	195,712	-	394,157
Galvanizers' zinc dross	1,137,304	848,823	754,315	-	1,231,812
Salammoniac ashes	156,811	115,870	119,420	-	153,261
Galvanizers' zinc ashes and skimmings	498,703	379,260	52,829	173,386	651,748
Scrap zinc diecast	904,349	314,174	278,736	136,866	802,921
Zinc diecast drosses, skimmings & ashes ..	285,955	166,294	2,355	214,412	235,482
Other zinc scrap, incl. contaminated zinc	128,510	208,016	52,295	215,689	68,542
Total zinc group Canada	3,716,780	2,433,791	1,562,961	740,353	3,847,257

2nd quarter 1954 exports of zinc scrap, dross and ashes -

As reported by External Trade

To: United States	95,900 pounds, valued at \$	6,062.
Japan	55,000 pounds, valued at \$	4,398.
India	85,500 pounds, valued at \$	7,171.
Germany West	282,200 pounds, valued at \$	20,725.
Belgium	2,154,300 pounds, valued at \$	57,293.
Total Exports	2,672,900 pounds, valued at \$	95,649.

2nd quarter 1954 exports of "Metallic Scrap, Dross and Ashes, n.o.p." -

As reported by External Trade

To: United States	8,514,000 pounds, valued at \$	420,022.
France	399,000 pounds, valued at \$	29,975.
Germany West	164,500 pounds, valued at \$	31,178.
United Kingdom	130,400 pounds, valued at \$	6,937.
Total Exports	9,207,900 pounds, valued at \$	488,112.

Note: Aluminum Scrap

- (1) Includes: Clean foil, 2s and 3s sheets and clippings and 50s series.
- (2) Includes: Crashed aircraft, irony aluminum, etc.

Copper Scrap

- (1) Includes: Clean mixed copper scrap.
- (2) Includes: Iron copper and brass, contaminated turnings, ashes, drosses, skimmings, insulated copper, etc.,
- (3) Includes: Bronze screen cloth.
- (4) Includes: Cartridge cases and shells, gilding metal, rod scrap and turnings, etc.,
- (5) Includes: Cocks, faucets, condenser tubes, pipes, etc.,
- (6) Includes: Aluminum manganese and silicon bronzes, solids and turnings.

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(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	1,033,050	2,569,215	2,615,160	987,105
Copper	483,211	2,047,202	1,907,664	622,749
Red brass	168,180	2,186,964	2,068,354	286,790
Yellow brass	106,220	820,587	707,684	219,123
Miscellaneous	68,842	101,476	125,565	44,753
Lead	2,818,601	18,186,013	18,702,199(x)	2,302,415
Zinc	994,080	1,231,823	1,424,892	801,011
Total	5,672,184	27,143,280	27,551,518(★)	5,263,946

(x) Lead scrap shown consumed is used mostly in production of finished products, therefore, does not show up in this report.

(★) Includes 26,977,561 pounds used by ingot makers and sales of 573,957 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)	799,386	3,164,606	3,314,942	649,050
Silicon and manganese bronzes ..	128,398	390,745	429,600	89,543
Other brass or bronzes	375,199	856,961	925,993	306,167
Aluminum	1,217,317	3,066,119	3,366,041(1)	917,395
Copper	29,141	121,908	104,534	46,515
Lead	27,355	199,450	203,845	22,960
Refined antimonial lead	706,907	6,525,730	5,912,241	1,320,396
Refined babbitt and type	523,087	2,058,960	1,967,127(2)	614,920
Zinc	144,189	513,929	561,445	96,673
Total	3,950,979	16,898,408	16,785,768(★)	4,063,619

(1) Includes 100,809 pounds exported. (2) Includes 2,649 pounds exported.

(★) Includes 1,155,646 pounds used by ingot makers' own works and sales of 15,630,122 pounds.