

DOMINION BUREAU OF STATISTICS

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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)				
Aluminum Scrap					
Clean aluminum wire and cable, etc. (1)	330,678	808,525	553,362	154,879	430,962
Pots, pans, pure old sheet and castings ..	453,421	671,830	535,184	128,992	461,075
Clean duraluminum	128,554	303,151	183,673	95,212	152,820
Mixed aluminum scrap (unsegregated)	780,568	1,426,492	427,848	712,295	1,066,917
Scrap 75c clippings and turnings	137,574	539,240	238,202	211,195	227,417
Turnings, skimmings, dross, etc. (2)	628,693	1,596,990	393,955	927,908	903,820
Total aluminum group Canada	2,459,488	5,346,228	2,332,224	2,230,481	3,243,011

Exports of aluminum scrap during 1st quarter 1954 -

As reported by External Trade	To: United States	3,737,600 pounds, valued at \$400,944.
	Germany West	1,018,200 pounds, valued at \$150,006.
	Japan	862,300 pounds, valued at \$167,038.
	Italy	55,200 pounds, valued at \$ 7,997.
	Total Exports	5,673,300 pounds, valued at \$725,985.

Imports of aluminum scrap during 1st quarter 1954 -

From: United States	15,100 pounds, valued at \$ 1,246.
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Copper Scrap

No. 1 copper scrap	1,433,509	8,995,755	8,591,313	581,794	1,256,157
No. 2 copper, light copper, etc. (1)	1,089,861	10,674,326	7,454,453	2,706,718	1,603,016
Copper bearing material, etc. (2)	1,371,323	3,497,114	1,641,324	1,825,206	1,401,907
No. 1 Red brass scrap, turnings, etc. (3) ...	1,986,160	4,207,727	3,733,790	558,952	1,901,145
Scrap radiators	840,510	1,372,572	1,468,937	141,034	603,111
Brass mill scrap, clippings, etc. (4)	138,689	15,137,895	13,863,601	52,993	1,359,990
Yellow brass scrap and turnings, etc. (5) ..	2,181,546	3,689,764	2,881,624	938,119	2,051,567
Misc. brass and bronze, etc. (6)	500,691	465,335	311,596	324,756	329,674
Total copper group Canada	9,542,289	48,040,488	39,946,638	7,129,572	10,506,567

1st quarter 1954 exports of brass scrap, dross and ashes -

As reported by External Trade	To: United States	1,315,100 pounds, valued at \$131,532.
	Japan	1,587,600 pounds, valued at \$294,553.
	United Kingdom	625,700 pounds, valued at \$101,256.
	Germany West	468,700 pounds, valued at \$ 84,881.
	Italy	111,600 pounds, valued at \$ 16,248.
	India	13,400 pounds, valued at \$ 2,285.
	Total Exports	4,122,100 pounds, valued at \$630,755.

1st quarter 1954 imports of brass scrap, dross and ashes -

From: United States	212,000 pounds, valued at \$ 37,069.
United Kingdom	1,200 pounds, valued at \$ 167.
Total Imports	213,200 pounds, valued at \$ 37,236.

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Non-ferrous Scrap Metal

- 2 -

	Stocks 1st of period	Purchases or receipts	Sales	Exports	Stocks end of period
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Copper Scrap (concluded)

(Pounds)

1st quarter 1954 exports of copper scrap, slag, skimmings -
As reported by External Trade

To: United States	1,059,200 pounds, valued at \$150,149.
Japan	2,329,900 pounds, valued at \$609,522.
Germany West	336,100 pounds, valued at \$ 86,364.
United Kingdom	119,800 pounds, valued at \$ 17,786.
India	32,700 pounds, valued at \$ 8,602.
Total Exports	3,877,700 pounds, valued at \$872,423.

1st quarter 1954 imports of copper scrap -

From: United States 990,900 pounds, valued at \$252,996.

Magnesium Scrap -

CANADA	36,290	24,982	7,829	12,138	41,305
Exports - see classification "Metallic Scrap, Dross and Ashes, n.o.p."					
1st quarter 1954 imports - nil.					

Nickel Scrap

All pure nickel scrap	35,465	15,401	7,860	-	43,006
Cupro-nickel scrap	-	1,159,440	957,938	-	201,502
Monel scrap	129,477	90,655	75,350	36,951	107,831
Nickel, silver or german silver scrap	20,753	35,269	13,698	-	42,324
All other nickel alloy scrap	50,302	85,348	38,820	38,168	58,662
Total nickel group Canada	235,997	1,386,113	1,093,666	75,119	453,325

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

Imports - 1st quarter 1954 - Nil.

Lead Scrap

Battery plates and lead dross	6,547,199	9,028,032	8,467,397	649,769	6,458,065
Scrap lead including cable lead	2,920,536	2,999,558	2,661,714	104,488	3,153,892
Low grade & mixed babbitt & babbitt dross	251,887	137,507	176,698	942	211,754
High tin babbitt, pewter and scrap tin ...	77,677	40,095	36,390	-	81,382
Scrap solder, joints, & solder, & tin dross	286,753	232,057	119,020	86,009	313,781
Scrap type metal and type metal dross	168,195	545,166	429,826	-	283,535
Other lead and tin scrap	398,041	266,738	355,700	111,744	197,335
Total lead group Canada	10,650,288	13,249,153	12,246,745	952,952	10,699,744

Exports of lead scrap during 1st quarter 1954

To: United States 77,500 pounds, valued at \$ 4,142.

Imports of "Lead, Old and Scrap" during 1st quarter 1954 -

From: United States 5,500 pounds, valued at \$ 1,359.

	Stocks 1st of period	Purchases or receipts	Sales	Exports	Stocks end of period
	(Pounds)				
<u>Zinc Scrap</u>					
New zinc scrap incl. engravers' plates	198,931	138,022	106,151	-	230,802
Old zinc scrap	481,336	791,244	337,183	561,051	374,346
Galvanizers' zinc dross	763,210	1,949,706	809,627	765,985	1,137,304
Salammoniac ashes	749,858	545,131	700,000	438,178	156,811
Galvanizers' zinc ashes and skimmings	403,242	699,741	3,684	600,596	498,703
Scrap zinc diecast	924,744	267,474	285,544	2,325	904,349
Zinc diecast drosses, skimmings & ashes ..	237,732	108,458	60,235	-	285,955
Other zinc scrap, incl. contaminated zinc	109,495	50,755	31,740	-	128,510
Total zinc group Canada	3,868,548	4,550,531	2,334,164	2,368,135	3,716,780

1st quarter 1954 exports of zinc scrap, dross and ashes -

As reported by External Trade

To: United States	102,800 pounds, valued at \$ 7,264.
Belgium	427,900 pounds, valued at \$ 10,142.
Germany West	163,100 pounds, valued at \$ 11,000.
India	30,300 pounds, valued at \$ 1,967.
Total Exports	724,100 pounds, valued at \$ 30,373.

1st quarter 1954 exports of "Metallic Scrap, Dross and Ashes, n.o.p." -

As reported by External Trade

To: United States	1,852,500 pounds, valued at \$215,583.
Japan	193,100 pounds, valued at \$ 29,065.
Germany West	12,900 pounds, valued at \$ 4,245.
United Kingdom	59,500 pounds, valued at \$ 6,510.
Total Exports	2,118,000 pounds, valued at \$255,403.

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	1,662,608	3,214,747	3,844,305	1,033,050
Copper	628,531	2,169,503	2,314,823	483,211
Red brass	340,214	1,979,194	2,151,228	168,180
Yellow brass	183,267	814,972	892,019	106,220
Miscellaneous bronzes	68,100	38,845	38,103	68,842
Lead	4,355,074	16,415,263	17,951,736(x)	2,818,601
Zinc	1,273,230	1,994,609	2,273,759	994,080
Total	8,511,024	26,627,133	29,465,973(*)	5,672,184

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

(*) Includes 28,696,836 pounds used by ingot makers and sales of 769,137 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)	1,166,683	3,381,516	3,748,813	799,386
Silicon and manganese bronzes ..	145,329	382,222	399,153	128,398
Other brass or bronzes	503,025	1,331,988	1,459,814	375,199
Aluminum	1,366,899	3,163,922	3,313,504(1)	1,217,317
Copper	39,869	69,876	80,604	29,141
Lead	75,721	157,784	206,150	27,355
Refined antimonial lead	678,389	5,993,379	5,964,861	706,907
Refined babbitt and type	570,887	1,933,392	1,981,192(2)	523,087
Zinc	106,347	798,914	761,072	144,189
Total	4,653,149	17,212,993	17,915,163(*)	3,950,979

(1) Includes 186,455 pounds exported - (2) Includes 26,685 pounds exported.

(*) Includes 972,616 pounds used by ingot makers' own works and sales of 16,942,547 pounds.