

# 4 D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

Vol.8-No.3

## NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOT

THIRD QUARTER, 1952

DOMINION BUREAU  
OF STATISTICS

Price \$1.00 per year

OCT 28 1953

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### (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	
<b>Aluminum Scrap -</b>					
Maritimes .....	49,054	75,506	41,787	31,206	51,367
Quebec .....	449,151	1,193,243	578,850	220,363	843,181
Ontario .....	975,253	3,820,211	1,008,276	2,776,022	1,011,166
Manitoba .....	42,737	135,458	1,400	91,057	85,738
Saskatchewan .....	85,257	15,802	6,641	...	94,418
Alberta .....	22,665	84,861	12,901	63,608	31,015
British Columbia .....	117,782	135,466	74,901	77,041	101,306
CANADA .....	1,741,897	5,460,547	1,724,756	3,259,297	2,218,191

(\*) Includes 594,580 pounds exported.

Exports of aluminum scrap during 3rd quarter 1952 -

To:United States	2,157,500 pounds, valued at \$135,563.
Italy	412,200 pounds, valued at \$ 63,771.
United Kingdom	1,600 pounds, valued at \$ 101.
Total Exports	2,571,300 pounds, valued at \$199,235.

Imports of aluminum scrap during 3rd quarter 1952 -

From:United States	30,400 pounds, valued at \$ 2,065.
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### 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 .....	189,589	318,857	133,446	172,098	202,902
Quebec .....	1,020,844	1,766,924	1,031,717	769,261	986,790
Ontario .....	2,539,884	4,861,679	442,491	4,426,649	2,532,423
Manitoba .....	90,638	440,665	41,524	444,563	45,216
Saskatchewan .....	218,583	81,224	33,172	123,554	143,081
Alberta .....	95,224	193,683	39,446	155,091	94,370
British Columbia .....	233,242	867,650	377,403	483,026	240,463
CANADA .....	4,388,004	8,530,682	2,099,199	6,574,242(*)	4,245,245

(\*) Includes 904,661 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 .....	176,941	254,140	126,105	89,495	215,481
Quebec .....	445,595	4,346,216	863,766	3,411,266	516,779
Ontario .....	1,400,050	3,231,944	362,721	2,774,535	1,494,738
Manitoba .....	42,088	116,630	37,068	101,162	20,488
Saskatchewan .....	77,257	32,526)	39,969	52,580	75,858
Alberta .....	21,242	57,462)			20,080
British Columbia .....	141,041	860,590	422,471	513,914	65,246
CANADA .....	2,304,214	8,899,508	1,852,100	6,942,952(*)	2,408,670

(\*) Includes 1,318,486 pounds exported.

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(pounds)		
<b>Brass and Bronze Scrap - (concluded)</b>					
<b>(c) <u>Miscellaneous Bronze</u>: (Includes aluminum bronze, manganese bronze castings and turnings, silicon bronze or any other non-tin bronze) -</b>					
Maritimes .....	54,147	51,513	44,000	60,843	617
Quebec .....	200,549	553,210	401,698	127,501	224,560
Ontario .....	283,197	740,464	71,706	607,664	344,291
Manitoba .....	101,082	186,149	74,864	131,646	80,721
Saskatchewan .....					
Alberta .....					
British Columbia .....					
CANADA	638,975	1,531,136	592,268	927,654(★)	650,189
TOTAL BRASS AND BRONZE SCRAP -	7,331,193	18,961,326	4,543,567	14,444,848(★)	7,304,104

(★) Includes 313,131 pounds exported.

(★★) Includes 2,536,278 pounds exported.

3rd Quarter 1952 exports of brass scrap gross and ashes -

To: United States	1,486,900 pounds, valued at \$131,279.
Japan	1,858,200 pounds, valued at \$448,866.
Italy	869,200 pounds, valued at \$191,193.
Netherlands	111,900 pounds, valued at \$ 26,880.
Germany(West)	50,000 pounds, valued at \$ 8,640.
<b>Total exports</b>	<b>4,376,200 pounds, valued at \$806,858.</b>

3rd Quarter imports of brass scrap- From:	United States	121,800	pounds, valued at \$	18,969.
	Trinidad	14,700	pounds, valued at \$	2,455.
	United Kingdom	4,100	pounds, valued at \$	501.
	Total imports	140,600	pounds, valued at \$	21,925.

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

Maritimes .....	205,826	561,673	185,777	183,471	198,251
Quebec .....	2,386,718	7,346,046	1,649,795	6,327,278	1,755,691
Ontario .....	3,527,391	7,588,446	1,048,554	6,834,176	3,233,107
Manitoba .....	120,779	475,458	63,499	448,249	84,489
Saskatchewan .....	200,896	79,960	43,446	128,348	109,062
Alberta .....	170,867	242,258	41,888	218,583	152,654
British Columbia .....	240,655	608,343	224,669	424,520	199,809
CANADA .....	6,853,132	16,702,184	3,257,628	14,564,625(★)	5,733,063

(★) Includes 1,665,943 pounds exported.

3rd Quarter 1952 exports of copper scrap, slag, skimmings -

To: United States	652,200 pounds, valued at \$ 56,763.
Japan	92,400 pounds, valued at \$ 10,107.
<b>Total exports</b>	<b>744,600 pounds, valued at \$ 66,870.</b>

3rd Quarter 1952 imports of copper scrap -

From: United States	3,900 pounds, valued at \$ 499.
Trinidad	18,000 pounds, valued at \$ 4,186.
<b>Total imports</b>	<b>21,900 pounds, valued at \$ 4,685.</b>

**Magnesium Scrap -**

CANADA .....	18,624	870	1,242	771	17,481
3rd Quarter 1952 exports - NIL					3rd Quarter 1952 imports - NIL

**Nickel Scrap -**

Maritimes .....	28,909	151,682	65,825	75,237	39,529
Quebec .....	156,464	114,780	54,326	101,797	115,121
Ontario .....	8,429	18,668	12,446	13,626	1,025
Manitoba .....					
Saskatchewan .....					
Alberta .....					
British Columbia .....	193,802	285,130	132,597	190,660(★)	155,675
CANADA .....					

(★) Includes 132,818 pounds exported.

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

Imports - 3rd Quarter 1952 - Nil.



	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(pounds)		
<b>Tin-Lead Scrap - (Includes secondary tin in pig, tin pipe, sheets, babbitt, type metal and solder joints)-</b>					
Maritimes .....	7,387	80,602	80,671	2,486	4,832
Quebec .....	679,369	95,715	52,652	577,012	145,420
Ontario .....	206,275	906,738	390,608	451,439	270,966
Manitoba .....	29,037	31,663	...	41,651	19,049
Saskatchewan .....	11,162	1,395	...	...	12,557
Alberta .....	9,840	3,716)	2,146	7,201	5,969
British Columbia .....	4,486	1,821)			4,547
CANADA .....	947,556	1,121,650	526,077	1,079,789(★)	463,340

(★) Includes 509,000 pounds exported.

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

Maritimes .....	104,292	197,071	132,903	65,579	104,881
Quebec .....	265,373	560,496	253,529	392,006	180,334
Ontario .....	583,482	1,743,927	338,153	1,460,395	528,861
Manitoba .....	132,230	112,902)	182,965	146,826	89,331
Saskatchewan .....	44,445	150,784)			21,239
Alberta .....	35,022	39,584			27,655
British Columbia .....	111,213	76,216	20,750	112,642	100,988
CANADA .....	1,276,057	2,880,980	928,300	2,175,448	1,053,289

**Hard Lead, Battery Plates,  
Top and Cable Lead -**

Maritimes .....	182,457	655,158	346,093	229,399	262,123
Quebec .....	676,215	1,875,489	467,713	1,002,327	1,081,664
Ontario .....	855,133	6,140,057	1,412,362	4,264,813	1,318,015
Manitoba .....	416,947	1,661,765)	245,008	1,326,611	575,743
Saskatchewan .....	429,546	137,952)			498,848
Alberta .....	346,456	483,548	212,364	379,550	238,090
British Columbia .....	349,845	797,309	113,600	630,856	402,698
CANADA .....	3,256,599	11,751,278	2,797,140	7,833,556(★)	4,377,181
TOTAL TIN AND LEAD SCRAP ...	5,480,212	15,753,908	4,251,317	11,088,793(★★)	5,893,810

(★) Includes 372,300 pounds exported.

(★★) Includes 881,300 pounds exported.

Exports of lead scrap during 3rd Quarter 1952 - To: United States 619,400 pounds, valued at \$53,197.

Imports of "Lead, Old and Scrap" during 3rd Quarter 1952 -

From: United States	3,110 pounds, valued at \$ 641.
Trinidad	20,811 pounds, valued at \$2,183.
Total Imports	23,921 pounds, valued at \$2,824.

**Zinc Scrap - (Includes clippings, engravers' and lithographers' plates, radiator grills, diecasts) -**

Maritimes .....	98,188	18,629	10,551	13,336	92,930
Quebec .....	93,259	237,895	68,818	234,071	128,265
Ontario .....	527,267	550,209	184,587	334,568	558,321
Manitoba .....	12,850	61,271	...	33,744	40,377
Saskatchewan .....	28,064	3,878)			31,359
Alberta .....	11,703	9,474)	4,491	6,367	13,617
British Columbia .....	11,573	4,667)			13,525
CANADA .....	782,904	886,023	268,447	522,086(★)	878,394

(★) Includes 15,000 pounds exported.

3rd Quarter 1952 exports of zinc scrap, dross and ashes -

To: United States	785,300 pounds, valued at \$57,251.
Belgium	446,000 pounds, valued at \$16,990.
Total exports	1,231,300 pounds, valued at \$74,241.

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers (pounds)	To consumers	
<u>Drosses - (Antimonial lead, brass residues, genuine babbitt, lead solder, type and babbitt zinc) -</u>					
Maritimes .....	31,554	297,523)	329,282	1,931,594	184,708
Quebec .....	2,180,918	1,046,783)			1,171,194
Ontario .....	591,607	1,654,443	255,331	794,744	1,195,975
Manitoba .....	30,410	56,869	...	43,452	43,818
Saskatchewan .....					34,670
Alberta .....	121,515	123,726	2,915	100,729	3,664
British Columbia .....					103,263
CANADA .....	2,956,004	3,179,335	587,528	2,870,519(x)	2,677,292

(x) Includes 987,196 pounds exported.

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

3rd Quarter 1952 exports of "Metallic Scrap, Dross and Ashes, n.o.p." -

To: United States	7,727,600 pounds, valued at \$192,434.
United Kingdom	1,717,300 pounds, valued at \$ 37,630.
Japan	117,000 pounds, valued at \$ 37,550.
Italy	70,800 pounds, valued at \$ 33,663.
Germany (West)	21,400 pounds, valued at \$ 4,922.
Total exports	9,654,100 pounds, valued at \$306,099.

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

Table 1 - Ingot Makers' Scrap

Table 1 - Ingot Makers' Scrap				
	Stocks 1st of period	Purchases or receipts	Used or sold	Stocks end of period
	(pounds)			
Aluminum .....	1,007,714	2,761,319	3,113,283	655,750
Copper .....	361,260	3,673,580	3,448,342	586,498
Red brass .....	546,420	2,836,031	2,975,456	406,995
Yellow brass .....	272,946	803,293	867,612	208,627
Miscellaneous bronzes .....	92,943	477,691	537,977	32,657
Lead .....	1,706,867	15,805,006	15,884,066(x)	1,627,807
Zinc .....	574,979	900,366	1,192,067	283,278
Total .....	4,563,129	27,257,286	28,018,803(x)	3,801,612

(x) Lead scrap shown as consumed is used mostly in production of finished products, therefore, does not show up in the ingot production in Table 2 below.

(x) Includes 27,301,669 pounds used by Ingot Makers and Sales of 717,134 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) .....	1,858,173	8,801,229	8,668,591(1)	1,990,811
Silicon and manganese bronzes .....	99,478	888,151	884,788	102,841
Other brass or bronzes .....	722,511	1,676,126	1,714,382	684,255
Aluminum .....	1,392,134	3,932,165	3,863,566	1,460,733
Copper .....	64,909	394,558	408,573	50,894
Lead .....	13,450	223,321	234,736	2,035
Refined antimonial lead .....	385,007	4,862,016	4,906,528(2)	340,495
Refined babbitt and type .....	765,228	1,414,809	1,404,606(3)	775,431
Zinc .....	296,892	722,553	924,080	95,365
Total .....	5,597,782	22,914,928	23,009,850(4)	5,502,860

(1) Includes 248,600 pounds exported. (2) Includes 49,990 pounds exported. (3) Includes 10,882 pounds exported.

(x) Includes 991,591 pounds used by Ingot Makers' own works and sales of 22,018,259 pounds.

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.

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