

D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

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NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOT

YEAR - 1950

(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	To consumers	
			(Pounds)		
Aluminum Scrap -					
Maritimes	42,350	411,555	176,462	216,963	60,480
Quebec	609,936	7,743,069	2,181,921	5,762,355	408,729
Ontario	883,193	16,219,756	2,124,150	14,605,816	372,983
Manitoba	74,875	470,510)			48,963
Saskatchewan	206,827	90,542)	26,596	641,747	125,448
Alberta	45,992	371,268	49,408	216,465	151,387
British Columbia	32,343	594,348	64,766	486,261	75,664
CANADA	1,895,516	25,901,048	4,623,303	21,929,607 *	1,243,654

* Includes 7,825,307 pounds exported.

Exports of aluminum scrap during year 1950: To United States - 9,285,800 pounds, valued at \$1,343,333.
 British Guiana - 200 pounds, valued at \$ 60.
 Total exports - 9,286,000 pounds, valued at \$1,343,393.

Imports of aluminum scrap during year 1950: From United States- 849,500 pounds, valued at \$ 73,785.

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	238,951	1,874,007	574,148	1,366,829	171,981
Quebec	573,258	7,900,161	2,938,761	5,095,772	438,886
Ontario	2,807,503	21,533,140	2,581,739	20,513,547	1,245,357
Manitoba	108,272	1,060,104	107,777	1,032,749	27,850
Saskatchewan	210,738	271,564	173,444	74,489	234,369
Alberta	166,697	733,017	296,725	447,547	155,442
British Columbia	220,723	1,342,414	446,771	958,916	157,450
CANADA	4,326,142	34,714,407	7,119,365	29,489,849 *	2,431,335

* Includes 1,956,668 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	190,848	858,756	383,702	500,983	164,919
Quebec	421,490	10,018,967	1,783,671	8,268,378	388,408
Ontario	1,184,949	14,416,672	2,305,022	11,796,257	1,500,342
Manitoba	71,027	364,170	118,695	288,649	27,853
Saskatchewan	67,406	99,413	85,417	21,530	59,872
Alberta	56,271	222,149	48,089	168,499	61,832
British Columbia	164,134	1,214,291	616,415	662,654	99,356
CANADA	2,156,125	27,194,418	5,341,011	21,706,950 *	2,302,582

* Includes 4,227,185 pounds exported.

	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) Miscellaneous Bronze: (Includes aluminum bronze, manganese bronze castings and turnings, silicon bronze, or any other non-tin bronze) -					
Maritimes	74,651	50,053	27,743	27,161	69,800
Quebec	140,536	874,172	291,360	641,946	81,402
Ontario	491,817	470,212	117,644	399,413	444,972
Manitoba					
Saskatchewan					
Alberta	229,077	209,267	146,986	64,021	227,337
British Columbia					
CANADA	936,081	1,603,704	583,733	1,132,541*	823,511
TOTAL BRASS AND BRONZE SCRAP.	7,418,348	63,512,529	13,044,109	52,329,340**	5,557,428

* Includes 204,687 pounds exported.

** Includes 6,388,540 pounds exported.

Year 1950 exports of brass scrap, dross and ashes:

To United States -	10,196,700 pounds, valued at \$1,554,735.
India -	870,300 pounds, valued at \$ 126,284.
Netherlands -	31,000 pounds, valued at \$ 5,238.
Total exports -	11,098,000 pounds, valued at \$1,686,257.

Year 1950 imports of brass scrap:

From United States -	1,703,600 pounds, valued at \$ 325,874.
Bermuda -	18,000 pounds, valued at \$ 3,680.
United Kingdom -	700 pounds, valued at \$ 52.
Total imports -	1,722,300 pounds, valued at \$ 329,606.

Copper Scrap - (Includes slag, skimmings and sludge)

Maritimes	206,422	1,549,525	602,284	934,009	219,654
Quebec	435,640	24,962,315	4,074,692	20,458,320	864,943
Ontario	1,335,260	23,341,257	3,821,225	19,410,544	1,444,748
Manitoba	255,996	1,135,098	251,833	1,066,636	72,625
Saskatchewan	109,495	329,667	227,991	68,322	142,849
Alberta	176,386	787,724	200,336	602,227	161,547
British Columbia	273,054	2,602,428	947,136	1,585,101	343,245
CANADA	2,792,253	54,708,014	10,125,497	44,125,159*	3,249,611

* Includes 9,061,685 pounds exported.

Year 1950 exports of copper scrap, slag, skimmings:

To United States -	9,913,800 pounds, valued at \$2,266,056.
Germany -	2,028,200 pounds, valued at \$ 528,738.
India -	525,300 pounds, valued at \$ 99,822.
Total exports -	12,467,300 pounds, valued at \$2,894,616.

Year 1950 imports of copper scrap:

From United States -	906,700 pounds, valued at \$ 201,207.
Bermuda -	18,000 pounds, valued at \$ 4,525.
Total imports -	924,700 pounds, valued at \$ 205,732.

Magnesium Scrap -

CANADA	9,952	35,241	6,049	23,659	15,485
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Year 1950 exports: 18,351 pounds.

Year 1950 imports: nil.

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
			(Pounds)		
Nickel Scrap -					
Maritimes	41,044	108,124	50,933	76,339	21,896
Quebec					
Ontario					
Manitoba	211,838	514,443	118,736	431,552	175,993
Saskatchewan					
Alberta .....	...	...	...	...	...
British Columbia .....	...	...	...	...	...
CANADA	252,882	622,567	169,669	507,891*	197,889

* Includes 87,017 pounds exported.

Exports - See classification "Metallic Scrap, Dross and Ashes, N.O.P."

Imports, 1950 - Nil.

Tin-Lead Scrap - (Includes secondary tin in pig, tin pipe, sheets, babbitt, type metal and solder joints)					
Maritimes	10,150	134,575	110,214	16,603	17,908
Quebec	150,177	798,249	146,745	695,658	106,023
Ontario	237,460	2,124,885	272,952	1,952,604	136,789
Manitoba	6,400	64,061)	5,705	55,134	14,512
Saskatchewan	29,585	7,965)			32,660
Alberta	6,524	13,968	2,495	10,836	7,161
British Columbia	3,823	37,481	14,967	21,750	4,587
CANADA	444,119	3,181,184	553,078	2,752,585*	319,640

* Includes 209,069 pounds exported.

Heavy Soft Lead, Chest Lead, with
or without paper

Maritimes	90,067	1,026,263	406,971	570,426	138,933
Quebec	628,323	5,297,943	425,947	4,450,640	1,049,679
Ontario	535,271	6,782,412	1,626,618	4,843,523	847,542
Manitoba	35,045	150,249)			35,137
Saskatchewan	10,841	50,758)	32,650	154,623	24,483
Alberta	10,095	41,459	12,702	23,169	15,683
British Columbia	22,559	279,717	45,729	198,412	58,135
CANADA	1,332,201	13,628,801	2,550,617	10,240,793*	2,169,592

* Includes 761,750 pounds exported.

Hard Lead, Battery Plates, Tops,
and Cable Lead

Maritimes	146,111	2,581,675	823,728	1,664,253	239,805
Quebec	250,330	13,995,566	1,141,909	11,817,265	1,286,722
Ontario	1,133,017	30,311,977	6,899,986	23,395,398	1,149,610
Manitoba	197,436	4,482,803	219,266	4,056,250	404,723
Saskatchewan	252,235	1,039,144	452,383	401,973	437,023
Alberta	270,411	3,550,550	1,593,514	1,958,425	269,022
British Columbia	403,222	3,109,605	894,041	1,886,559	732,227
CANADA	2,652,762	59,071,320	12,024,827	45,180,123*	4,519,132

TOTAL TIN AND LEAD SCRAP

4,429,082 75,881,305 15,128,522 58,173,501** 7,008,364

* Includes 1,865,517 pounds exported.

** Includes 2,836,336 pounds exported.

Exports of lead scrap during year 1950:

To United States -	2,921,900 pounds, valued at \$289,734.
Belgium -	579,000 pounds, valued at \$ 10,500.
United Kingdom -	88,200 pounds, valued at \$ 2,737.
Total exports -	3,589,100 pounds, valued at \$302,971.

Imports of "Lead, Old and Scrap" during year 1950:

From Netherlands -	330,707 pounds, valued at \$ 36,378.
Cuba -	105,215 pounds, valued at \$ 6,976.
United Kingdom -	48,362 pounds, valued at \$ 2,720.
Bermuda -	10,000 pounds, valued at \$ 995.
United States -	8,045 pounds, valued at \$ 973.
Total imports -	502,329 pounds, valued at \$ 48,042.

	Stocks 1st of period	Purchases or receipts	S a l e s		Stocks end of period
			To other dealers	To consumers	
(Pounds)					
Zinc Scrap - (Includes clippings, engravers' and lithographers' plates, radiator grills and die casts) -					
Maritimes	66,021	297,044	57,246	235,592	70,227
Quebec	122,396	2,321,095	684,866	1,628,307	130,318
Ontario	353,067	9,825,080	1,388,838	8,161,008	628,301
Manitoba	16,216	177,717)			17,880
Saskatchewan	23,731	9,913)	27,570	159,998	22,129
Alberta	13,450	34,574	28,593	14,111	5,320
British Columbia	7,157	110,146	42,499	50,970	23,834
CANADA	602,038	12,775,569	2,229,612	10,249,986*	898,009

* Includes 3,672,760 pounds exported.

Year 1950 exports of zinc scrap, dross and ashes:

To Belgium	-	6,408,500 pounds, valued at \$313,287.
United States	-	2,910,300 pounds, valued at \$310,955.
India	-	326,900 pounds, valued at \$ 43,386.
Netherlands	-	324,800 pounds, valued at \$ 20,479.
Japan	-	78,500 pounds, valued at \$ 13,843.
Germany	-	10,300 pounds, valued at \$ 5,850.
Gold Coast	-	3,100 pounds, valued at \$ 484.
British Guiana	-	400 pounds, valued at \$ 83.
United Kingdom	-	107,400 pounds, valued at \$ 8,243.
Total exports	-	10,170,200 pounds, valued at \$716,610.

Drosses - (Antimonial lead brass residues, genuine babbitt, lead solder, type and babbitt zinc) -

Maritimes	90,579	329,057	143,485	242,771	33,380
Quebec	715,748	5,357,784	1,164,409	3,979,498	929,625
Ontario	580,411	6,464,535	427,190	5,995,159	622,597
Manitoba	29,211	222,199	13,536	219,438	18,436
Saskatchewan					
Alberta	10,289	108,679	27,894	66,229	24,845
British Columbia					
CANADA	1,426,238	12,482,254	1,776,514	10,503,095*	1,628,883

* Includes 3,416,460 pounds exported.

Exports and imports - See footnotes under "Miscellaneous Bronze," "Zinc Scrap" and "Metallic Scrap, Dross and Ashes, N.O.P."

Year 1950 exports of "Metallic Scrap, Dross and Ashes, N.O.P." -

To United States	-	10,624,500 pounds, valued at \$441,787.
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This report includes cupro-nickel scrap and residue, lead dross, contaminated soft lead, etc., for which no specific export classifications are provided.

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.

(B) Ingot Makers' Report on Non-ferrous Scrap Metal
and Secondary Non-ferrous Ingot for Year 1950

Table 1 - Ingot Makers' Scrap

	Stocks 1st of period	Purchases or receipts	Used or sold	Stocks end of period
(Pounds)				
Aluminum	880,028	11,795,709	11,851,220	824,517
Copper	176,196	7,593,005	7,580,906	188,295
Red brass	285,294	16,802,409	16,889,585	198,118
Yellow brass	215,066	6,203,018	6,324,523	93,561
Miscellaneous bronzes	47,686	175,580	197,173	26,093
Lead	736,731	22,481,462	22,624,380	593,813
Zinc	599,909	6,209,479	6,196,614	612,774
TOTAL	2,940,910	71,260,662	71,664,401*	2,537,171

* Includes 67,930,422 pounds used by ingot makers, and sales of 3,733,979 pounds.

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

Kind of ingots	Stocks 1st of month	Produced	Used or sold	Stocks end of period
(Pounds)				
Copper base alloys (A-F)	921,543	25,353,014	24,951,324	1,323,233
Silicon and manganese bronzes ..	46,711	1,429,884	1,402,648	73,947
Other brass or bronzes	384,119	7,727,649	7,702,789	408,979
Aluminum	549,447	10,334,313	10,461,457	422,303
Copper	20,537	636,854	601,701	55,690
Lead	156,798	2,240,305	2,320,346	76,757
Zinc	92,027	9,524,598	9,562,602	54,023
TOTAL	2,171,182	57,246,617	57,002,867*	2,414,932

* Includes 3,231,620 pounds used in ingot makers' own works, and sales of 53,771,247 pounds.

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