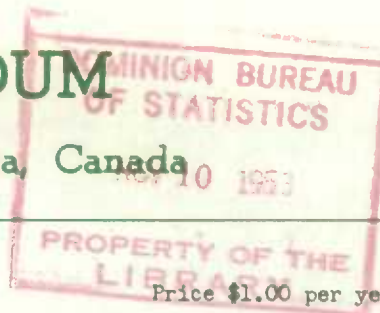


D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada



Vol.9 - No. 2

NON-FERROUS SCRAP METAL AND SECONDARY NON-FERROUS INGOT

SECOND QUARTER, 1953

(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 | |
| Aluminum Scrap - | | | | | |
| Maritimes | 63,291 | 112,933 | 71,296 | 61,492 | 42,436 |
| Quebec | 924,180 | 2,710,775 | 1,814,577 | 1,118,918 | 701,460 |
| Ontario | 1,961,257 | 4,537,371 | 1,436,571 | 3,690,703 | 1,371,354 |
| Manitoba | 89,716 | 162,306 | 1,500 | 189,205 | 61,317 |
| Saskatchewan | 114,126 | 23,434) | 55,287 | 40,888 | 128,040 |
| Alberta | 66,723 | 99,543) | 185,087 | 203,580 | 79,611 |
| British Columbia | 163,718 | 340,375 | 3,564,318 | 5,304,786(★) | 115,426 |
| CANADA | 3,383,011 | 7,986,737 | | | 2,500,644 |

(★) Includes 2,184,708 pounds exported.

Exports of aluminum scrap during 2nd quarter 1953 -

| | |
|-------------------|--|
| To: United States | 5,818,900 pounds, valued at \$847,497. |
| Japan | 405,500 pounds, valued at \$ 62,357. |
| Italy | 430,800 pounds, valued at \$ 68,728. |
| Total Exports | 6,655,200 pounds, valued at \$978,582. |

Imports of aluminum scrap during 2nd quarter 1953 -

| | |
|---------------------|------------------------------------|
| From: United States | 45,500 pounds, valued at \$ 3,970. |
|---------------------|------------------------------------|

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 | 220,766 | 284,569 | 182,682 | 192,252 | 130,401 |
| Quebec | 781,057 | 2,040,695 | 1,173,998 | 643,759 | 1,003,995 |
| Ontario | 2,187,937 | 4,075,462 | 932,910 | 3,908,737 | 1,421,752 |
| Manitoba | 58,462 | 364,188 | 16,678 | 363,680 | 42,292 |
| Saskatchewan | 31,995 | 57,680 | 23,423 | ... | 66,252 |
| Alberta | 115,742 | 149,338 | 34,060 | 130,017 | 101,003 |
| British Columbia | 190,308 | 302,271 | 86,156 | 217,417 | 189,006 |
| CANADA | 3,586,267 | 7,274,203 | 2,449,907 | 5,455,862(★) | 2,954,701 |

(★) Includes 542,326 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 | 192,580 | 194,570 | 185,613 | 159,144 | 98,393 |
| Quebec | 673,788 | 3,585,515 | 687,118 | 3,375,338 | 962,013 |
| Ontario | 1,761,554 | 2,798,509 | 794,742 | 1,777,204 | 1,166,951 |
| Manitoba | 25,761 | 148,267 | 17,420 | 122,506 | 34,102 |
| Saskatchewan | 58,107 | 28,260) | 26,717 | 28,204 | 75,413 |
| Alberta | 27,361 | 36,073) | 59,939 | 145,688 | 19,467 |
| British Columbia | 84,849 | 290,285 | | | 169,507 |
| CANADA | 2,824,000 | 7,081,479 | 1,771,549 | 5,608,084(★) | 2,525,846 |

(★) Includes 998,907 pounds exported.

| | Stocks 1st of period | Purchases or receipts | S a l e s | | Stocks end of period |
|---|----------------------------|-----------------------------|---------------------------------|-----------------|----------------------------|
| | | | To other dealers (pounds) | To consumers | |
| 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 | 1,373 | 16,647 | 10,995 | 6,389 | 636 |
| Quebec | 127,921 | 414,144 | 71,460 | 239,099 | 231,506 |
| Ontario | 367,985 | 391,886 | 66,013 | 304,600 | 389,258 |
| Manitoba | 83,820 | 84,649 | 9,543 | 53,386 | 105,540 |
| Saskatchewan | | | | | |
| Alberta | | | | | |
| British Columbia | | | | | |
| CANADA | 581,099 | 907,326 | 158,011 | 603,474(★) | 726,940 |
| TOTAL BRASS AND BRONZE SCRAP - | 6,991,366 | 15,263,008 | 4,379,467 | 11,667,420(★★) | 6,207,487 |

(★) Includes 76,077 pounds exported.

(★★) Includes 1,617,310 pounds exported.

2nd quarter 1953 exports of brass scrap, dross and ashes -

| | |
|-------------------|--|
| To: United States | 1,021,000 pounds, valued at \$184,447. |
| Japan | 1,867,000 pounds, valued at \$434,730. |
| Spain | 385,800 pounds, valued at \$ 82,145. |
| Total Exports | 3,273,800 pounds, valued at \$701,322. |

2nd quarter 1953 imports of brass scrap -

| | |
|---------------------|--------------------------------------|
| From: United States | 128,100 pounds, valued at \$ 25,334. |
| United Kingdom | 600 pounds, valued at \$ 93. |
| Total Imports | 128,700 pounds, valued at \$ 25,427. |

Copper Scrap - (Includes slag, skimmings and sludge)

| | | | | | |
|------------------------|-----------|------------|-----------|---------------|-----------|
| Maritimes | 178,992 | 343,311 | 241,098 | 164,911 | 116,294 |
| Quebec | 1,541,400 | 10,106,144 | 3,424,378 | 6,177,382 | 2,045,784 |
| Ontario | 2,557,856 | 8,752,832 | 2,151,122 | 7,453,867 | 1,705,699 |
| Manitoba | 105,345 | 582,323 | 115,393 | 521,622 | 50,653 |
| Saskatchewan | 47,788 | 83,103 | 50,617 | | 80,274 |
| Alberta | 167,838 | 249,377 | 166,164 | 103,098 | 147,953 |
| British Columbia | 466,292 | 919,759 | 433,460 | 757,622 | 194,969 |
| CANADA | 5,065,511 | 21,036,849 | 6,582,232 | 15,178,502(★) | 4,341,626 |

(★) Includes 3,661,812 pounds exported.

2nd quarter 1953 exports of copper scrap, slag, skimmings -

| | |
|-------------------|--|
| To: United States | 1,170,400 pounds, valued at \$ 249,421. |
| Japan | 4,711,100 pounds, valued at \$1,344,363. |
| Total Exports | 5,881,500 pounds, valued at \$1,593,784. |

2nd quarter 1953 imports of copper scrap -

| | |
|---------------------|---|
| From: United States | 1,431,000 pounds, valued at \$ 313,069. |
| Colombia | 23,900 pounds, valued at \$ 5,386. |
| Total Imports | 1,454,900 pounds, valued at \$ 318,455. |

Magnesium Scrap -

| | | | | | |
|--------------|--------|--------|--------|-----------|--------|
| CANADA | 17,642 | 41,914 | 13,008 | 18,095(★) | 28,453 |
|--------------|--------|--------|--------|-----------|--------|

(★) Includes 2,986 pounds exported.

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

2nd quarter 1953 imports - Nil.

Non-ferrous Scrap Metal

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| | 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 | | | | | |
| Quebec | 28,730 | 127,998 | 40,003 | 95,456 | 21,269 |
| Ontario | 115,490 | 226,545 | 49,987 | 153,960 | 138,088 |
| Manitoba | | | | | |
| Saskatchewan | | | | | |
| Alberta | 1,906 | 6,377 | 1,268 | 716 | 6,299 |
| British Columbia | | | | | |
| CANADA | 146,126 | 360,920 | 91,258 | 250,132(†) | 165,656 |

(★) Includes 180,663 pounds exported.

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

Imports - 2nd quarter 1953-Nil.

| | | | | | |
|--|---------|---------|---------|---------|---------|
| <u>Tin-Lead Scrap - (Includes secondary tin in pig, tin pipe, sheets, babbitt, type metal and solder joints) -</u> | | | | | |
| Maritimes | 3,955 | 7,145 | 5,583 | 4,247 | 1,270 |
| Quebec | 132,744 | 94,697 | 76,301 | 42,025 | 109,115 |
| Ontario | 291,190 | 772,258 | 291,239 | 499,405 | 272,804 |
| Manitoba | 24,086 | 41,229 | | | 20,635 |
| Saskatchewan | 14,197 | 13,855 | 9,343 | 44,778 | 18,611 |
| Alberta | 13,994 | 11,160 | 6,875 | 6,594 | 12,935 |
| British Columbia | 6,107 | 3,339 | | | 8,196 |
| CANADA | 486,273 | 943,683 | 389,341 | 597,049 | 443,566 |

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

| | | | | | |
|------------------------|-----------|-----------|---------|-----------|-----------|
| Maritimes | 103,372 | 147,326 | 84,416 | 42,660 | 123,622 |
| Quebec | 284,701 | 490,684 | 104,066 | 314,902 | 356,417 |
| Ontario | 726,674 | 1,123,153 | 319,539 | 667,821 | 862,467 |
| Manitoba | 69,045 | 229,643 | | | 73,323 |
| Saskatchewan | 23,297 | 22,900 | 10,488 | 219,277 | 41,797 |
| Alberta | 78,791 | 61,981 | 43,583 | 1,409 | 95,780 |
| British Columbia | 149,020 | 160,002 | 117,143 | 35,412 | 156,467 |
| CANADA | 1,434,900 | 2,235,689 | 679,235 | 1,281,481 | 1,709,873 |

Hard Lead, Battery Plates,
Tops and Cable Lead -

| | | | | | |
|-------------------------------|-----------|------------|-----------|-----------|-----------|
| Maritimes | 254,252 | 484,064 | 268,490 | 230,476 | 239,350 |
| Quebec | 1,733,365 | 2,226,370 | 625,338 | 1,471,274 | 1,863,123 |
| Ontario | 1,396,475 | 4,292,653 | 826,823 | 3,384,055 | 1,478,250 |
| Manitoba | 1,160,325 | 1,161,828 | 134,050 | 1,191,761 | 996,342 |
| Saskatchewan | 605,518 | 105,272 | | | 700,694 |
| Alberta | 310,879 | 531,604 | 172,122 | 500,864 | 179,593 |
| British Columbia | 418,159 | 532,419 | 349,246 | 138,022 | 463,310 |
| CANADA | 5,878,973 | 9,334,210 | 2,376,069 | 6,916,452 | 5,920,662 |
| TOTAL TIN AND LEAD SCRAP | 7,800,146 | 12,513,582 | 3,444,645 | 8,794,982 | 8,074,101 |

Exports of lead scrap during 2nd quarter 1953 - To: United States 111,300 pounds, valued at \$6,419.

Imports of "Lead, Old and Scrap" during 2nd quarter 1953 -

From: United States 4,776 pounds, valued at \$1,024.
Germany (W) 1,102 pounds, valued at \$ 110.
Total Imports 5,878 pounds, valued at \$1,134.

| | Stocks 1st of period | Purchases or receipts | S a l e s | | Stocks end of period |
|---|----------------------------|-----------------------------|---------------------------------|-----------------|----------------------------|
| | | | To other dealers (pounds) | To consumers | |
| Zinc Scrap - (Includes clippings, engravers' and lithographers' plates, radiator grills and die-castings) | | | | | |
| Maritimes | 113,378 | 22,172 | 11,043 | 19,456 | 105,051 |
| Quebec | 249,228 | 171,088 | 31,221 | 80,839 | 308,256 |
| Ontario | 850,618 | 557,035 | 244,791 | 380,426 | 782,436 |
| Manitoba | 42,160 | 23,758 | ... | 25,001 | 40,917 |
| Saskatchewan | 35,384 | 19,330 | 12,517 | ... | 42,197 |
| Alberta | 22,822 | 7,921) | 684 | 100,041 | 19,031 |
| British Columbia | 61,145 | 47,217) | | | 19,349 |
| CANADA | 1,374,735 | 848,521 | 300,256 | 605,763(★) | 1,317,237 |

(★) Includes 96,610 pounds exported.

2nd quarter 1953 exports of zinc scrap, dross and ashes -

| | |
|-------------------|--|
| To: United States | 2,690,000 pounds, valued at \$110,935. |
| Japan | 102,400 pounds, valued at \$ 8,520. |
| Total Exports | 2,792,400 pounds, valued at \$119,455. |

| | | | | | |
|---|-----------|-----------|---------|--------------|-----------|
| Drosses - (Includes antimonial lead, brass residues, genuine babbitt, lead solder, type and babbitt zinc) | | | | | |
| Maritimes | 177,949 | 3,015 | 2,715 | ... | 178,249 |
| Quebec | 1,477,510 | 875,300 | 75,108 | 599,579 | 1,678,123 |
| Ontario | 1,487,867 | 1,165,437 | 316,401 | 856,789 | 1,480,114 |
| Manitoba | 46,282 | 103,205 | 2,139 | 108,010 | 39,338 |
| Saskatchewan | 42,379) | | | | 43,160 |
| Alberta | 1,500) | 107,997 | 26,496 | 156,636 | 6,306 |
| British Columbia | 170,778) | | | | 90,056 |
| CANADA | 3,404,265 | 2,254,954 | 422,859 | 1,721,014(★) | 3,515,346 |

(★) Includes 804,232 pounds exported.

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

2nd quarter 1953 exports of "Metallic Scrap, Dross and Ashes, n.o.p." -

| | |
|-------------------|---|
| To: United States | 16,396,300 pounds, valued at \$288,009. |
| United Kingdom | 12,289,700 pounds, valued at \$340,299. |
| Japan | 8,378,700 pounds, valued at \$165,231. |
| Germany (W) | 65,600 pounds, valued at \$ 37,107. |
| Total Exports | 37,130,300 pounds, valued at \$830,646. |

(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 (pounds) | Stocks end of period |
|-----------------------------|----------------------------|-----------------------------|--------------------------------|----------------------------|
| | | | | |
| Aluminum | 1,184,705 | 3,222,824 | 3,465,208 | 942,321 |
| Copper | 609,845 | 2,383,155 | 2,723,942 | 269,058 |
| Red brass | 334,772 | 2,881,700 | 3,030,761 | 185,711 |
| Yellow brass | 220,086 | 662,504 | 759,539 | 123,051 |
| Miscellaneous bronzes | 47,476 | 406,974 | 399,593 | 54,857 |
| Lead | 1,372,707 | 15,800,317 | 15,412,018(x) | 1,761,006 |
| Zinc | 360,586 | 1,007,354 | 1,127,354 | 240,586 |
| Total | 4,130,177 | 26,364,828 | 26,918,415(★) | 3,576,590 |

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

(★) Includes 25,109,863 pounds used by ingot makers and sales of 1,808,552 pounds.

Non-ferrous Scrap Metal

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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) | 2,160,033 | 6,290,186 | 6,288,112 | 2,162,107 |
| Silicon and manganese bronzes | 158,759 | 441,762 | 493,507 | 107,014 |
| Other brass or bronzes | 629,094 | 1,639,117 | 1,321,711 | 946,500 |
| Aluminum | 2,522,861 | 3,789,087 | 4,018,992 | 2,292,956 |
| Copper | 34,226 | 50,470 | 60,482 | 24,214 |
| Lead | 16,444 | 356,394 | 307,292 | 65,546 |
| Refined antimonial lead | 795,057 | 4,528,565 | 4,728,635(1) | 594,987 |
| Refined babbitt and type | 738,944 | 1,718,459 | 1,848,964(2) | 608,439 |
| Zinc | 26,912 | 377,280 | 382,622 | 21,570 |
| Total | 7,082,330 | 19,191,320 | 19,450,317(★) | 6,823,333 |

(1) Includes 22,045 pounds exported. (2) Includes 1,980 pounds exported.

(★) Includes 973,714 pounds used by ingot makers' own works and sales of 18,476,603 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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