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MANUFACTURES OF THE NON-FERROUS METALS

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FINAL SUMMARY STATISTICS, 1948

Production in Canada of non-ferrous metals and their manufactures was valued at \$1,270 millions in 1948, according to final figures compiled from the Census of Industry reports for that year. The value was 23 per cent above the corresponding total for 1947.

All of the industries in this group showed increases in production in 1948 compared with 1947. The gains were as follows: electrical apparatus, 16 per cent to \$425 millions; non-ferrous smelting and refining, 27 per cent to \$576 millions; white metal products, 33 per cent to \$49 millions; aluminum products, 17 per cent to \$47 millions; brass and copper products, 27 per cent to \$122 millions; jewellery and silverware, 19 per cent to \$42 millions, and the miscellaneous industry, 27 per cent to \$7 millions.

For the group as a whole, there were 817 plants in operation compared with 799 in 1947. The number of workers increased 4 per cent to 99,921; salaries and wages advanced 18 per cent to \$231 millions; the cost of materials rose 40 per cent to \$736 millions, and the cost of fuel and electricity increased 23 per cent to \$44 millions.

Imports into Canada of non-ferrous metals and their products were valued at \$156 millions in 1948 compared with \$161 millions in 1947, and exports of Canadian-made goods of this class were appraised at \$396 millions as against \$304 millions in 1947.

Table 1--PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY INDUSTRIES, 1947 and 1948

| Industry | Number of plants No. | Average number of em- ployees No. | Salaries and wages | Cost of fuel and electricity at works (000's of dollars) | Cost of materials at works | Gross sell- ing value of products at works |
|------------------------------------|-------------------------------|---|--------------------------|--|----------------------------------|---|
| <u>1947</u> | | | | | | |
| Aluminum products | 81 | 5,827 | 11,208 | 1,031 | 20,203 | 39,849 |
| Brass and copper products | 161 | 10,417 | 21,228 | 1,567 | 60,388 | 96,550 |
| White metal products | 47 | 3,097 | 6,024 | 530 | 24,257 | 37,435 |
| Jewellery and electro-plated ware. | 176 | 5,679 | 10,193 | 252 | 18,457 | 35,553 |
| Electrical apparatus and supplies. | 296 | 52,736 | 103,891 | 3,516 | 162,131 | 366,506 |
| Miscellaneous non-ferrous products | 22 | 875 | 1,625 | 47 | 2,944 | 5,654 |
| Non-ferrous smelting and refining. | 16 | 17,449 | 40,768 | 28,967 | 308,268 | 453,034 |
| TOTAL | 799 | 96,080 | 194,937 | 35,910 | 596,648 | 1,034,581 |
| <u>1948</u> | | | | | | |
| Aluminum products | 72 | 5,604 | 11,617 | 1,002 | 22,080 | 46,797 |
| Brass and copper products | 168 | 10,661 | 24,251 | 1,823 | 79,922 | 122,383 |
| White metal products | 47 | 3,319 | 6,982 | 688 | 35,313 | 49,642 |
| Jewellery and electro-plated ware. | 179 | 5,810 | 11,547 | 279 | 22,254 | 42,179 |
| Electrical apparatus and supplies. | 314 | 53,873 | 122,114 | 4,047 | 180,345 | 425,725 |
| Miscellaneous non-ferrous products | 20 | 953 | 2,104 | 53 | 3,405 | 7,213 |
| Non-ferrous smelting and refining. | 17 | 19,701 | 52,277 | 36,288 | 393,264 | 576,384 |
| TOTAL | 817 | 99,921 | 230,892 | 44,180 | 736,583 | 1,270,323 |
| Per cent change, 1948 from 1947 .. | +2.3 | +4.2 | +18.5 | +23.0 | +40.0 | +23.5 |

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.



Non-ferrous

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Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY PROVINCES, 1947 and 1948

| Province | Number of plants No. | Average number of em- ployees No. | Salaries and wages | Cost of fuel and electricity at works (000's of dollars) | Cost of materials at works | Gross sell- ing value of products at works |
|-----------------------------|-------------------------------|---|--------------------------|--|----------------------------------|---|
| <u>1947</u> | | | | | | |
| New Brunswick and Quebec .. | 222 | 30,068 | 59,181 | 17,052 | 167,901 | 302,652 |
| Ontario | 487 | 60,230 | 122,330 | 15,925 | 325,175 | 603,501 |
| Manitoba | 32(*) | 915 | 1,658 | 305 | 10,874 | 16,857 |
| Saskatchewan and Alberta .. | 10(*) | 432 | 1,108 | 690 | 24,600 | 25,194 |
| British Columbia and Yukon. | 48 | 4,435 | 10,660 | 1,938 | 68,098 | 86,377 |
| CANADA | 799 | 96,080 | 194,937 | 35,910 | 596,648 | 1,034,581 |

| | | | | | | |
|-----------------------------|-----|--------|---------|--------|---------|-----------|
| <u>1948</u> | | | | | | |
| New Brunswick and Quebec .. | 217 | 31,255 | 70,404 | 22,096 | 216,167 | 375,337 |
| Ontario | 501 | 62,393 | 144,741 | 18,659 | 381,503 | 727,833 |
| Manitoba | 31 | 1,067 | 2,124 | 529 | 19,814 | 25,609 |
| Saskatchewan and Alberta .. | 11 | 381 | 1,107 | 657 | 25,643 | 26,418 |
| British Columbia and Yukon. | 57 | 4,825 | 12,516 | 2,239 | 93,456 | 115,126 |
| CANADA | 817 | 99,921 | 230,892 | 44,180 | 736,583 | 1,270,323 |

(*) Data for the Flin Flon smelter on the Manitoba-Saskatchewan boundary are divided between these two provinces but the plant is counted only once in the grand totals.