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SILVER, LEAD AND ZINC PRODUCTION

Silver - Output in Canada of primary silver in all forms amounted to 2,543,349 fine ounces in September, 1960, compared with 2,650,110 fine ounces in the previous month and with 2,446,846 fine ounces in September, 1959.

Table 1 - Production of Silver (x), 1958 - 1960

| Month                  | 1958          | 1959(r)    | 1960         |
|------------------------|---------------|------------|--------------|
|                        | (Fine Ounces) |            |              |
| January .....          | 2,530,583     | 3,094,440  | 2,755,069    |
| February .....         | 2,305,655     | 2,264,903  | 2,864,074    |
| March .....            | 2,459,698     | 2,782,307  | 2,739,583(r) |
| April .....            | 2,574,958     | 2,691,503  | 2,588,829(r) |
| May .....              | 2,656,665     | 2,499,149  | 2,354,657(r) |
| June .....             | 2,536,018     | 2,676,937  | 2,971,473(r) |
| July .....             | 2,390,687     | 2,867,957  | 2,919,664(r) |
| August .....           | 2,889,154     | 2,519,033  | 2,650,110(r) |
| September .....        | 2,841,304     | 2,446,846  | 2,543,349    |
| Total nine months .... | 23,184,722    | 23,843,075 | 24,386,808   |
| October .....          | 2,375,156     | 3,072,219  |              |
| November .....         | 2,649,515     | 2,334,137  |              |
| December .....         | 2,954,077     | 2,674,538  |              |
| Total .....            | 31,163,470    | 31,923,969 |              |

(x) New silver bullion plus recoverable silver in other smelter products and in ores and concentrates exported.

(r) Revised.

Industry and Merchandising Division

Silver-Lead-Zinc

Table 2 - Exports of Refined Silver and Silver in Ores, 1959 and 1960

| Month               | 1959       |                          | 1960      |                          |
|---------------------|------------|--------------------------|-----------|--------------------------|
|                     | Refined    | In ores and concentrates | Refined   | In ores and concentrates |
| (Fine Ounces)       |            |                          |           |                          |
| January .....       | 1,600,217  | 185,367                  | 1,008,632 | 887,242                  |
| February .....      | 1,044,603  | 329,742                  | 932,155   | 1,312,006                |
| March .....         | 1,415,922  | 425,973                  | 980,394   | 740,465                  |
| April .....         | 1,252,800  | 989,593                  | 1,665,919 | 809,500                  |
| May .....           | 1,483,478  | 564,017                  | 859,810   | 491,805                  |
| June .....          | 1,137,864  | 871,570                  | 1,079,584 | 545,610                  |
| July .....          | 1,450,557  | 728,598                  | 1,253,088 | 752,373                  |
| August .....        | 550,929    | 688,042                  | 416,225   | 911,124                  |
| September .....     | 1,199,366  | 763,017                  | 1,175,578 | 445,091                  |
| Total nine months . | 11,135,736 | 5,545,919                | 9,371,385 | 6,895,216                |
| October .....       | 998,817    | 767,939                  |           |                          |
| November .....      | 1,009,312  | 70,205                   |           |                          |
| December .....      | 1,996,965  | 430,802                  |           |                          |
| Total .....         | 15,140,830 | 6,210,175                |           |                          |

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during September, 1960, amounted to 16,759 tons compared with 16,800 tons in the previous month and with 12,883 tons in September, 1959.

Table 3 - Production of Lead, 1959 and 1960

| Month               | Recoverable lead (x)<br>in Canadian ores |         | Refined lead,<br>all sources |        |
|---------------------|--|---------|------------------------------|--------|
|                     | 1959(r)                                  | 1960    | 1959                         | 1960   |
| (Tons)              |  |         |                              |        |
| January .....       | 17,581                                   | 16,284  | 14,073                       | 11,664 |
| February .....      | 16,386                                   | 16,397  | 12,740                       | 12,459 |
| March .....         | 17,852                                   | 16,887  | 13,704                       | 13,967 |
| April .....         | 16,700                                   | 16,269  | 13,655                       | 13,261 |
| May .....           | 17,276                                   | 16,558  | 13,257                       | 13,467 |
| June .....          | 15,431                                   | 17,534  | 12,997                       | 13,017 |
| July .....          | 15,574                                   | 18,039  | 8,096                        | 11,494 |
| August .....        | 14,567                                   | 16,800  | 7,357                        | 13,218 |
| September .....     | 12,883                                   | 16,759  | 9,775                        | ..     |
| Total nine months . | 144,250                                  | 151,527 | 105,654                      |        |
| October .....       | 14,421                                   |         | 9,897                        |        |
| November .....      | 13,495                                   |         | 9,674                        |        |
| December .....      | 14,530                                   |         | 10,071                       |        |
| Total .....         | 186,696                                  |         | 135,296                      |        |

(x) New base bullion from Canadian ores plus recoverable lead in ores or concentrates, shipped for export.

(..) Not available.

(r) Revised.

Silver-Lead-Zinc

Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1960

| Month                 | Lead in ore |           | Lead in pigs |            |
|-----------------------|-------------|-----------|--------------|------------|
|                       | Tons        | \$        | Tons         | \$         |
| January .....         | 8,356       | 1,583,434 | 5,549        | 889,160    |
| February .....        | 5,686       | 952,897   | 6,692        | 1,102,375  |
| March .....           | 3,387       | 556,179   | 11,216       | 1,740,570  |
| April .....           | 2,480       | 499,346   | 5,407        | 875,586    |
| May .....             | 2,708       | 462,941   | 6,979        | 1,186,935  |
| June .....            | 1,599       | 279,406   | 9,521        | 1,680,519  |
| July .....            | 3,505       | 754,591   | 7,955        | 1,411,759  |
| August .....          | 9,979       | 1,709,261 | 9,080        | 1,561,135  |
| September .....       | 1,485       | 223,938   | 1,802        | 290,910    |
| Total nine months ... | 39,185      | 7,021,993 | 64,201       | 10,738,949 |

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores) during September, 1960, amounted to 34,997 tons compared with 33,126 tons in the previous month and with 32,090 tons in September, 1959.

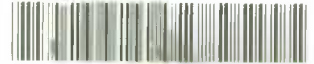
Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totaled 21,633 tons in September, 1960, compared with 20,744 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1959 and 1960

| Month             | Recoverable zinc (x)<br>in Canadian ores |         | Refined zinc,<br>all sources |         |
|-------------------|--|---------|------------------------------|---------|
|                   | 1959(r)                                  | 1960    | 1959                         | 1960    |
|                   | (Tons)                                   |         |                              |         |
| January .....     | 35,313                                   | 34,980  | 21,456                       | 22,247  |
| February .....    | 29,780                                   | 32,309  | 19,709                       | 21,055  |
| March .....       | 34,083                                   | 36,399  | 22,135                       | 22,549  |
| April .....       | 33,077                                   | 35,291  | 21,512                       | 21,391  |
| May .....         | 33,592                                   | 33,362  | 21,147                       | 21,701  |
| June .....        | 32,971                                   | 33,675  | 21,250                       | 21,294  |
| July .....        | 34,620                                   | 31,711  | 21,055                       | 20,860  |
| August .....      | 33,685                                   | 33,126  | 21,588                       | 21,203  |
| September .....   | 32,090                                   | 34,997  | 20,744                       | 21,633  |
| Total nine months | 299,211                                  | 305,850 | 190,596                      | 193,933 |
| October .....     | 33,323                                   |         | 21,744                       |         |
| November .....    | 30,665                                   |         | 21,039                       |         |
| December .....    | 32,809                                   |         | 21,927                       |         |
| Total .....       | 396,008                                  |         | 255,306                      |         |

(x) New refined zinc from Canadian ores plus recoverable zinc in ores and concentrates shipped for export.

(r) Revised.



Silver-Lead-Zinc

Table 6 - Exports of Refined Zinc and Zinc in Ores, by Months, 1960

| Month                 | Zinc in ore |            | Zinc in spelter |            |
|-----------------------|-------------|------------|-----------------|------------|
|                       | Tons        | \$         | Tons            | \$         |
| January .....         | 18,445      | 2,129,831  | 14,874          | 3,202,516  |
| February .....        | 12,955      | 1,306,000  | 18,106          | 4,095,676  |
| March .....           | 14,055      | 1,450,123  | 16,888          | 3,712,954  |
| April .....           | 13,344      | 1,266,789  | 10,281          | 2,223,274  |
| May .....             | 12,460      | 1,257,505  | 13,440          | 2,970,293  |
| June .....            | 10,113      | 924,738    | 22,408          | 5,096,162  |
| July .....            | 18,540      | 1,801,772  | 11,433          | 2,591,302  |
| August .....          | 23,076      | 2,237,910  | 15,730          | 3,621,263  |
| September .....       | 10,122      | 965,991    | 14,310          | 3,380,115  |
| Total nine months ... | 133,110     | 13,340,659 | 137,470         | 30,893,555 |

Table 7 - Consumption of Refined Zinc, 1959 and 1960(\*)

| Month               | Refined Zinc |        |
|---------------------|--------------|--------|
|                     | 1959         | 1960   |
|                     | (Tons)       |        |
| January .....       | 5,345        | 5,867  |
| February .....      | 5,756        | 5,371  |
| March .....         | 5,991        | 4,714  |
| April .....         | 4,720        | 5,477  |
| May .....           | 6,106        | 4,551  |
| June .....          | 5,836        | 4,494  |
| July .....          | 4,541        | 2,959  |
| August .....        | 6,367        | 4,236  |
| September .....     | 6,446        | 4,328  |
| Total nine Months . | 51,108       | 41,997 |
| October .....       | 6,169        |        |
| November .....      | 4,354        |        |
| December .....      | 4,367        |        |
| Total .....         | 65,998       |        |

(\*) Producers' shipments to domestic consumers.