



SILVER, LEAD AND ZINC PRODUCTION

Silver - Output in Canada of primary silver in all forms amounted to 2,714,576 fine ounces in July, 1954, compared with 2,702,761 fine ounces in the previous month and with 2,353,542 fine ounces in July, 1953.

Table 1 - Production of Silver (★), 1952-1954

| Month | 1952 | 1953 | 1954 |
|--------------------------|------------|---------------|------------|
| | | (Fine ounces) | |
| January | 1,803,848 | 2,459,531 | 2,553,293 |
| February | 2,022,126 | 2,255,113 | 2,050,440 |
| March | 2,085,986 | 2,458,022 | 2,314,392 |
| April | 2,521,864 | 3,076,852 | 2,700,315 |
| May | 2,274,279 | 2,520,180 | 2,507,702 |
| June | 1,907,137 | 2,538,663 | 2,702,761 |
| July | 1,831,089 | 2,353,542 | 2,714,576 |
| Total seven months | 14,446,329 | 17,661,903 | 17,543,479 |
| August | 2,214,798 | 2,029,346 | |
| September | 1,817,435 | 2,067,294 | |
| October | 1,857,118 | 2,097,630 | |
| November | 2,421,617 | 2,207,170 | |
| December | 2,464,930 | 2,361,452 | |
| Total | 25,222,227 | 28,424,795 | |

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

Prepared in the Mineral Statistics Section, Industry and Merchandising Division.

6502-531
28-9-54



Table 2 - Exports of Refined Silver and Silver in Ores, 1953 and 1954

| Month | 1953 | | 1954 | |
|-------------------------|---------------|--------------------------|-----------|--------------------------|
| | Refined | In ores and concentrates | Refined | In ores and concentrates |
| | (Fine ounces) | | | |
| January | 1,626,622 | 522,073 | 1,114,797 | 547,951 |
| February | 1,128,869 | 218,421 | 1,036,718 | 567,225 |
| March | 569,061 | 263,650 | 884,551 | 849,502 |
| April | 1,768,706 | 311,141 | 875,158 | 572,059 |
| May | 1,611,725 | 419,569 | 1,893,011 | 660,724 |
| June | 663,568 | 323,913 | 814,921 | 682,906 |
| July | 1,554,752 | 614,320 | 1,209,389 | 1,210,045 |
| Total seven months | 8,923,303 | 2,673,087 | 7,828,545 | 5,090,412 |
| August | 696,690 | 533,155 | | |
| September | 1,462,654 | 527,771 | | |
| October | 1,019,454 | 1,015,012 | | |
| November | 1,412,687 | 463,667 | | |
| December | 1,118,126 | 473,826 | | |
| Total | 14,632,914 | 5,686,518 | | |

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during July, 1954, amounted to 19,164 tons compared with 18,988 tons in the previous month and with 11,969 tons in July, 1953.

Table 3 - Production of Lead, 1953 and 1954

| Month | Recoverable lead (★) in Canadian ores | | Refined lead, all sources | |
|-------------------------|--|---------|------------------------------|--------|
| | 1953 | 1954 | 1953 | 1954 |
| | (Tons) | | | |
| January | 19,502 | 17,716 | 15,327 | 13,085 |
| February | 16,888 | 16,863 | 14,232 | 12,276 |
| March | 14,183 | 17,104 | 15,112 | 14,168 |
| April | 18,640 | 19,452 | 13,758 | 14,595 |
| May | 16,120 | 19,953 | 16,343 | 14,975 |
| June | 15,302 | 18,988 | 14,888 | 14,338 |
| July | 11,969 | 19,164 | 9,660 | ... |
| Total seven months | 112,604 | 129,240 | 99,320 | |
| August | 13,864 | | 11,615 | |
| September | 14,335 | | 12,382 | |
| October | 16,327 | | 12,646 | |
| November | 19,433 | | 14,876 | |
| December | 19,273 | | 14,913 | |
| Total | 195,836 | | 165,752 | |

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

Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1954

| Month | Lead in ore | | Lead in pigs | |
|-------------------------|-------------|-----------|--------------|------------|
| | Tons | \$ | Tons | \$ |
| January | 3,008 | 817,506 | 6,170 | 1,359,474 |
| February | 3,301 | 832,439 | 7,560 | 1,559,732 |
| March | 3,057 | 657,641 | 11,092 | 2,136,680 |
| April | 3,464 | 866,070 | 9,606 | 2,093,541 |
| May | 5,036 | 1,285,429 | 11,483 | 2,522,611 |
| June | 8,035 | 1,821,928 | 12,018 | 2,728,467 |
| July | 6,912 | 1,554,919 | 13,152 | 2,959,421 |
| Total seven months | 32,813 | 7,835,932 | 71,081 | 15,359,926 |

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores) during July, 1954, amounted to 31,955 tons compared with 29,837 tons in the previous month and with 33,968 tons in July, 1953.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,917 tons in July, 1954, compared with 21,595 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1953 and 1954

| Month | Recoverable zinc (★) in Canadian ores | | Refined zinc, all sources | |
|-------------------------|--|---------|------------------------------|---------|
| | 1953 | 1954 | 1953 | 1954 |
| | (Tons) | | | |
| January | 32,474 | 27,030 | 18,370 | 17,155 |
| February | 33,261 | 24,926 | 18,677 | 15,199 |
| March | 36,726 | 28,876 | 20,693 | 16,550 |
| April | 33,309 | 31,528 | 20,003 | 16,249 |
| May | 33,266 | 30,082 | 20,090 | 16,530 |
| June | 33,895 | 29,837 | 20,589 | 17,017 |
| July | 33,968 | 31,955 | 21,595 | 17,917 |
| Total seven months | 236,899 | 204,234 | 140,017 | 116,617 |
| August | 32,754 | | 21,703 | |
| September | 33,509 | | 21,157 | |
| October | 34,841 | | 21,880 | |
| November | 30,639 | | 21,051 | |
| December | 31,399 | | 21,899 | |
| Total | 400,041 | | 247,707 | |

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



1010523082

Table 6 - Exports of Refined Zinc and Zinc in Ore, by Months, 1954

| Month | Zinc in ore | | Zinc in spelter | |
|--------------------------|-------------|-----------|-----------------|------------|
| | Tons | \$ | Tons | \$ |
| January | 6,570 | 678,595 | 16,625 | 3,082,932 |
| February | 7,663 | 807,307 | 11,328 | 2,125,431 |
| March | 11,838 | 1,204,977 | 18,199 | 3,167,261 |
| April | 11,188 | 1,124,042 | 17,926 | 3,311,601 |
| May | 12,078 | 1,593,482 | 13,926 | 2,580,134 |
| June | 19,497 | 2,079,185 | 15,654 | 3,057,430 |
| July | 22,671 | 1,925,833 | 27,582 | 5,433,033 |
| Total seven months | 91,505 | 9,403,421 | 121,240 | 22,757,822 |

Table 7 - Consumption of Refined Zinc, 1953 and 1954

| Month | Refined zinc | |
|--------------------------|--------------|----------|
| | 1953 | 1954 (★) |
| | (Tons) | |
| January | 4,397 | 3,092 |
| February | 4,107 | 2,905 |
| March | 4,814 | 4,939 |
| April | 4,184 | 4,660 |
| May | 4,124 | 4,373 |
| June | 3,985 | 4,688 |
| July | 3,722 | 2,747 |
| Total seven months | 29,333 | 27,404 |
| August | 4,196 | |
| September | 4,604 | |
| October | 4,526 | |
| November | 4,198 | |
| December | 3,660 | |
| Total | 50,517 | |

(★) Producers' shipments to domestic consumers.