

PIG IRON AND FERRO-ALLOYS IN CANADA

Table 1 - PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2,240 lb.)
FEBRUARY, 1933 JANUARY, 1933

| Item | For own use | For sale | TOTAL | For own use | For sale | TOTAL |
|--------------------|----------------|-------------|-------|----------------|-------------|--------|
| In blast furnace:- | | | | | | |
| Basic | 6,144 | ... | 6,144 | 27,459 | ... | 27,459 |
| Foundry | ... | ... | ... | ... | 500 | 500 |
| Malleable | ... | ... | ... | ... | 1,250 | 1,250 |
| TOTAL | 6,144 | ... | 6,144 | 27,459 | 1,750 | 29,209 |
| Ferro-alloys | ... | 1,076 | 1,076 | ... | 1,217 | 1,217 |

Table 2 - CUMULATIVE PRODUCTION FOR THE TWO MONTHS ENDING FEBRUARY (Tons of 2,240 lb.)

| Item | 1 For own use | 9 For sale | 3 TOTAL | 1 For own use | 9 For sale | 3 TOTAL |
|--------------------|---------------------|------------------|------------|---------------------|------------------|------------|
| In blast furnace:- | | | | | | |
| Basic | 33,603 | ... | 33,603 | 7,671 | ... | 7,671 |
| Foundry | ... | 500 | 500 | ... | 13,141 | 13,141 |
| Malleable | ... | 1,250 | 1,250 | ... | ... | ... |
| TOTAL | 33,603 | 1,750 | 35,353 | 7,671 | 13,141 | 20,812 |
| Ferro-alloys | ... | 2,293 | 2,293 | ... | 3,254 | 3,254 |

Table 3 - BLAST FURNACE CHARGES, JANUARY, FEBRUARY, and YEAR TO DATE, 1933.

| | February, 1933 | January, 1933 | YEAR TO DATE |
|-------------------------------------|----------------|---------------|--------------|
| Imported iron ore long tons | 11,436 | 48,780 | 60,216 |
| Canadian limestone short tons | ... | ... | ... |
| Imported limestone short tons | 4,427 | 16,812 | 21,239 |
| Coke made in Canada - | | | |
| From Canadian coal short tons | 7,614 | 19,482 | 27,096 |
| From imported coal short tons | ... | 11,073 | 11,073 |
| Imported coke short tons | ... | ... | ... |

Table 4 - PRODUCTION FOR THE CURRENT MONTH AND PRECEDING MONTH (Tons of 2,240 lb.)

| | FEBRUARY, 1933 | | | JANUARY, 1933 | | |
|-----------------------------|----------------|-------------|--------|----------------|-------------|--------|
| Item | For own use | For sale | TOTAL | For own use | For sale | TOTAL |
| <u>STEEL INGOTS</u> | | | | | | |
| Open hearth - Basic | 9,954 | 30 | 9,984 | 37,935 | ... | 37,935 |
| Acid | ... | ... | ... | ... | ... | ... |
| Electric | 963 | ... | 963 | 1,885 | ... | 1,885 |
| Other | ... | ... | ... | ... | ... | ... |
| TOTAL STEEL INGOTS | 10,917 | 30 | 10,947 | 39,820 | ... | 39,820 |
| <u>STEEL CASTINGS</u> | | | | | | |
| Open hearth - Basic | 1 | 411 | 412 | 23 | 301 | 324 |
| Acid | ... | ... | ... | ... | ... | ... |
| Bessemer | 1 | 59 | 60 | ... | 30 | 30 |
| Electric | 34 | 921 | 955 | 16 | 576 | 592 |
| TOTAL DIRECT STEEL CASTINGS | 36 | 1,391 | 1,427 | 39 | 907 | 946 |
| GRAND TOTAL | 10,953 | 1,421 | 12,374 | 39,859 | 907 | 40,766 |

Table 5 - CUMULATIVE PRODUCTION FOR THE TWO MONTHS ENDING FEBRUARY

| Item | 1 9 3 3 | | | 1 9 3 2 | | |
|--------------------------------------|----------------|-------------|--------|----------------|-------------|--------|
| | For own use | For sale | TOTAL | For own use | For sale | TOTAL |
| <u>STEEL INGOTS</u> | | | | | | |
| Open hearth - Basic | 47,889 | 30 | 47,919 | 46,803 | 242 | 47,045 |
| Acid | ... | ... | ... | ... | ... | ... |
| Electric | 2,848 | ... | 2,848 | 4,312 | ... | 4,312 |
| Other | ... | ... | ... | ... | ... | ... |
| TOTAL STEEL INGOTS | 50,737 | 30 | 50,767 | 51,115 | 242 | 51,357 |
| <u>STEEL CASTINGS</u> | | | | | | |
| Open hearth - Basic | 24 | 712 | 736 | 173 | 600 | 773 |
| Acid | ... | ... | ... | ... | ... | ... |
| Bessemer | 1 | 89 | 90 | 3 | 150 | 153 |
| Electric | 50 | 1,497 | 1,547 | 167 | 1,079 | 1,246 |
| TOTAL DIRECT STEEL CASTINGS | 75 | 2,298 | 2,373 | 343 | 1,829 | 2,172 |
| GRAND TOTAL | 50,812 | 2,328 | 53,140 | 51,458 | 2,071 | 53,529 |

Table 6 - AVERAGE MONTHLY PRODUCTION OF PIG IRON, STEEL INGOTS AND CASTINGS IN CANADA, 1916 - 1931. (In 1000's of Long Tons)

| Year | Monthly Average | | Year | Monthly Average | |
|------------|-----------------|-------|------------|-----------------|-------|
| | Iron | Steel | | Iron | Steel |
| 1916 | 87 | 106 | 1924 | 49 | 54 |
| 1917 | 87 | 130 | 1925 | 48 | 63 |
| 1918 | 89 | 140 | 1926 | 63 | 64 |
| 1919 | 68 | 77 | 1927 | 59 | 76 |
| 1920 | 81 | 92 | 1928 | 86 | 103 |
| 1921 | 50 | 56 | 1929 | 91 | 115 |
| 1922 | 32 | 40 | 1930 | 62 | 84 |
| 1923 | 73 | 74 | 1931 | 36 | 56 |

Table 7 - PRODUCTION OF PIG IRON BY MONTHS AND BY PROVINCES, AND STEEL INGOTS AND CASTINGS BY MONTHS IN CANADA, 1932 and 1933. (In 1000's of Long Tons)

| Months | P I G I R O N | | | | S T E E L | | | |
|-----------------------|---------------|------|---------|------|--------------|------|--------------|------|
| | NOVA SCOTIA | | ONTARIO | | TOTAL CANADA | | TOTAL CANADA | |
| | 1932 | 1933 | 1932 | 1933 | 1932 | 1933 | 1932 | 1933 |
| January | ... | 16 | 10 | 13 | 10 | 29 | 25 | 41 |
| February | ... | 6 | 11 | ... | 11 | 6 | 28 | 12 |
| March | ... | ... | 18 | ... | 18 | ... | 44 | ... |
| April | ... | ... | 17 | ... | 17 | ... | 30 | ... |
| May | ... | ... | 13 | ... | 13 | ... | 29 | ... |
| June | ... | ... | 8 | ... | 8 | ... | 18 | ... |
| July | ... | ... | 7 | ... | 7 | ... | 26 | ... |
| August | ... | ... | 6 | ... | 6 | ... | 27 | ... |
| September | ... | ... | 6 | ... | 6 | ... | 23 | ... |
| October | ... | ... | 7 | ... | 7 | ... | 17 | ... |
| November | 14 | ... | ... | ... | 14 | ... | 37 | ... |
| December | 16 | ... | 11 | ... | 27 | ... | 31 | ... |
| TOTAL | 30 | 22 | 114 | 13 | 144 | 35 | 343 | 53 |
| MONTHLY AVERAGE | 2 | 11 | 10 | 7 | 12 | 18 | 29 | 27 |

Table 8 - BLAST FURNACES IN CANADA, 1933.

| Name of Company | Location | Number of Stacks | TOTAL DAILY CAPACITY (Long tons) |
|-----------------------------------|------------------------|---------------------|--|
| British Empire Steel Corp. Ltd. | Sydney, N.S. | 4 | 1,450 |
| Canadian Furnace Co. Ltd. | Port Colborne, Ont. | 1 | 350 |
| The Steel Company of Canada, Ltd. | Hamilton, Ont. | 2 | 825 |
| Algoma Steel Corp. Ltd. | Sault Ste. Marie, Ont. | 4 | 1,600 |

Table 9 - DESCRIPTION OF FURNACES AT END OF FEBRUARY, 1933.

| Condition of furnace | Number of furnaces | Total Daily Capacity | |
|--------------------------------|-----------------------|----------------------|----------|
| | | Long tons | Per cent |
| In blast | ... | ... | ... |
| Banked | 2 | 1,000 | 24 |
| Blown out | 9 | 3,225 | 76 |
| TOTAL FURNACES REPORTING | 11 | 4,225 | 100 |

NOTE - Figures in this report are the latest available at time of printing, where necessary, data for earlier months have been revised.

