 Minister of Tracie and Commerce Price 25 cents

DEPARTMENT OE TRADE AMD COIMTECE DOMINION BUREAU OF STATISTICS GUESTS OF INDUSTRY MIMING, METALLUTECICNL AMD CHEMICAL BRANCH OTTAWA - CANADA


## COYGTPTTTOH OF COKE IN CANADA - 1033

The apparent consumption of coke in Canada during 1939 amounted to 3,118,782 tons compared with $2,700,176$ tons in 1938 .

Production of coke (including petroleum coke) during 1039 totalled $\therefore, 470,497$ tons and imports entered for consumption amounted to 659,783 tons, making an available supply of $3,136,210$ tons. However, exports and reexports totalled $84,3 n 3$ tons and producer's' stocks decreased 36,195 tons, leaving $3,718,38 n$ tons 415 the quanta ty available for use in Canada during the year. The distribution of this tonnage, by areas, was as follows: Maritimes, 398,790 tons; Quebec, 500,502 tons; Ontario, 2,011, 850 tons, and the Wostorn Provinces, n07,n31 tons. This calculation, of course, does not take into consideration any interprovincial shipments of coice or any chen cos in stocks held by dealers or users as no records are available concerning such movements.

Actual consumption records, as compiled from the Census of Industry reports for 1339, show that 1,181,066 tons of cole were user in blast furnaces and cupolas, 311,337 tons were used as raw materials in manufacturing, and 30n,167 tons were used as fuel in manufacturing, mining and smelting industries. Thus a total of $1,80 \mathrm{R}, 970$ tons has been accounted for and the difference of $1,315,412$ tons must represent the quantity available for uso as domestic fuel or in commercial establishments, such as, retail stores, repair shows, warehouses, otc., which are not covered by the Industrial Census.

The distribution by areas of tine domestic consumption of $1,315,412$ tons was as follows: Maritimes, 53,543 tons; Quebec, 304, 361 tons; Ontario, 890, 33 tons, and the Ifestern Provinces, 67,219 tons. Ilere, again, no allowance has been made for internrovincial shipments.

Coke charged to smelting furnaces and cupolas during 1939 amounted to 7,181,963 tons, of which 775,362 tons wore used in iron blast fumaces, 4,510 tons in steel furnaces, 31,353 tons in fonmollloy furnaces, 886,358 tons in furnaces used for molting non-ferrous ores, and 33,276 loins in foundry cupolas. The consumption, by districts, was as follows: Maritimes, 313,050 tons; quebec, 25, neo tons; Ontario, 769,683 tons, and the Western Provinces, 73, 953 tons.

Coke used as a raw material in manufacturing in 1939 totalled 311,337 tons of winch 148,591 tons wore used in the manufacture of calcium carbide, 4,75? tons in making carbon dioxide, 86,20 ? tons in making illuminating and fuel foes, nl, no tons in mating arüflcial abrasives, 18,515 tons in the manufacture of carbon electrodes and 3,674 tons in tic monnectire of rock :Mol. Plants in Ontario used 133,573 tons; in Quebec, 123,400 tons; in the Maritimes, 303 tons, and in the ":custom Provinces, 51, 170 tons.

Table 1 - PRODUCION: OF COTE IH CNTDA, $1 \Omega 30$


NOTE: The imnorts "enterea for consumption" ropresent tonnages cleared from customs' ports. The tonnages entered under this heading differ alichtly from actual imports.

Table 3 - COMSUMPION OF COKE IN CANADA IN SATLTIITG FTVNACES AMD CUPOLAS, BY
IMDISTMISS, 1939



Teble : - COHSUPTIO: OF CORE IN CMNADA IN SMEITTO FUMHECES AMD CUPOLAS, BY INHETSIIS, 1232 (Conclucer)


Tablc 4 - COMSUPTION OE COKT IN CMALA AS WAMUFACTUMIMG WMEMAL(x), BY INDUGIMIES,

(ג) For main crlcium curbie, carbon doxide, urificial abrasives, water on, corlxen electrocies, foundry facines, rock mool, ctc.



|  | F.E.I. | Grivec | $\begin{gathered} \text { Ontario Alberte } \\ \text { And B.C. } \end{gathered}$ |  | CAVADA |
| :---: | :---: | :---: | :---: | :---: | :---: |
| MAMTFAGTYIIS |  |  |  |  |  |
| Chomicus ard allied prozucts Tons | 400 | 5,550 | 2,81.8 | 502 | 0,555 |
| \%. | 2,753 | 50, 550 | 18,177 | 3,233 | 50, 500 |
| Iron and stecl, and producte. Tons | 10,975 | 7,503 | 33,7.88 | 1,031 | 53, 013 |
| ( | 52, 20 | 71,01'7 | 176,006 | 13,715 | 202,137 |
| Won-ferrous motel products Tons | ... | 2,403 | 5,709 | 140 | 3,502 |
| ( orcludinc smeltors) ....... |  | 18,783 | 5R,008 | 2,191 | 73,538 |
| Fon-metalls memeral pronets Tons | 5, $2 \times 7$ | -1, 259 | 126,767 | 6,087 | 15, 350 |
| (excludine coment, lime, | 3n, 358 | 85, 45.54 | 1,019,11? | 30,055 | 1., $100,03.4$ |
| Animel products ............. To:1s | 1.4 | 200 | 6,300 | 154 | 6,737 |
| Animel molucts ............ | 112 | $\therefore, 084$ | 2n,002 | 1,550 | 25,754 |


 COMPMATV: MAT: FOR 1931-1920 (SNot tons)
P. I. Quebce ontrrio Alberte C. CaMADA
$13 \quad 3 \quad 2$

| Fumace charces | 813,050 | 15,870 | 700,038 | 75,258 | 1,181, 066 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| imanfacturing matorial | 303 | 10.3, 080 | 15. 5.57 | 54, 470 | 311,357 |
| Industrial fuel .......... | z1,0m | 47,453 | 210, 205 | 11,581 | 700, 107 |
| Available for domestic usc (by diffcre:ce) | 3213 | 3090501 | 235 | 67,215 | 118 |


| Fumeue charces | 293, 671 | 25,130 | 715, 307 | 74,348 | 1,005,01.0 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| henufacturime iotorial | $3: 7$ | 118, 0 | 155,774 | 40, 203 | 09r, 030 |
| Insurstrial fue? | ก5, 501 | 13, 215 | 113,198 | 10,010 | .924,334 |
| Aveilahc for donestic use (b,i, difforence) | 68, 603 | 167.657 | 613, 600 | 63, ${ }^{671}$ | 017.105 |

$73 \quad 7$
Fumace chames .......... 353,225 35,087 $375,2 \pi / 4$ 03,500 $1,363,345$
 InAustial fuel
$33,90050,185$
2ก0, 753 11,145
327, 333
Aroilable for romestic uso (1): uiterence)

 of Pry differenco ans inclune the coke we: fo: muposes other then snocified in thesc tibles.
$\therefore$ Ho - 110:once ans beon made for chmes during the jeer in stocks of coke hole bj donlon: or weern.


