## $32-206$

# CANADA <br> DEPARTMENT OF TRADE AND COMMERCE <br> DOMINION BUREAU OF STATLSTICS CENSUS OF INDUSTRY 

REPORT<br>on the<br>DISTILLED LIQUOR INDUSTRY<br>

Published by authority of the Hon. James Malcolm, M. P., Minister of Trade and Commerce

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205-5 E:
$$ Chief, Census of Industry: J. C. Macpherson.

DISTILIED LIQUORS, 1926 and 1927.

Ottawa, December, 1926. A report on the distilled liquor industry in Canada for the years1926 and 1927 is herewith presented, covering the operations of 15 individual planis in 1926 and 17 in 1927, located by provinces as follows.

| Provinces | 1927 | 1926 | Increase or <br> Decrease over 1926 |
| :---: | :---: | :---: | :---: |
| Ortario | 5 | 4 | 1 |
| Quebec | 7 | 6 | 1 |
| Hritish columbia | 3 | 3 | - |
| Manitoba | 2 | 2 | - |
| Totol, Canada | 17 | 15 | $t$ |

## Principal Statistics

A sumary of the principal statistics of the distilled liquor industry in Uanada is giver in Table 1 compared for the calendar years 1926 and 1927.

Table 1.- Principal Statistics compared for 1926 al927.

|  |  | 1927 | 1926 | Increase $t$ Decrease - |
| :---: | :---: | :---: | :---: | :---: |
| Establishments | IVO. | 17 |  | $t$ 2 |
| Caoitsl | \$ | 37,528,954 | 26,422,006 | $+11,106,948$ |
| Employees on salaries | No. | 255 | 136 | + 122 |
| Salaries | \$ | 513,873 | 312,087 | + 201,786 |
| Employees on mages; (average No.) | NO. | 1,143 | 879 | t 264 |
| Wages | \$ | 1,381,211 | 975,035 | t 406,176 |
| Cost of fuel | \$ | 423,024 | 368,780 | t 54,244 |
| Power installatior - Units | 150. | 640 | 420 | $\pm 220$ |
| Capacity | H.F. | 8,291 | 8,242 | $t \quad 49$ |
| Cost of materials | \$ | 6,351,689 | 3,676,19\% | + 2,675,492 |
| Gross value of products | \$ | 25,660,985 | 12,216,906 | +17,144,079 |
| Wet value of products | \$ | 19,309,296 | 8,540,709 | + $10,768,587$ |

## Production Statistics

Tables 2 and 3 give the statistics of the distilled liquor industry in Cumada by provinces for the calendar years 1926 and 1927 respectively. In order to avoid giving induvidual information it has been found necessary to combine the siatistics of Lianitoba and British Columbia in all tables of the report. The ioval procuction of spirits for the calendar year 1925 amounted to ?,315,320 proof Gallons, while in the calendar yeir 1927 it had risen to 11,483,360 proof gallons n increase of $4,165,040$ gallons or 56.91 per cert. Potable spirits increased from :1, 179,242 proof gallons in 1926 to $9,025,180$ proof gallons in 1927 or 116 per cent wililst the production of industrial and commercial alcohois fell from 3,139, 278 gallons in 1926 to $2,458,180$ gallons in 1927 or a percentage decrease of 21.7 .

The province of Ontario produced 58.90 per cent of the total output of spirits in 1926 and 60.18 per cent in 1927. The value of production in the liquor distilletion industry in Carada anounted to $12,216,906$ in the cinlendar year 1926 and to $\$ 25,660,985$ in 1927.

## Size of Establishments

The tendency towards concentration in industricl enterprise is exemplified in a series of tables which present in a threefold way the size of establishments in the Distilled Iiquor industry measured by (a) copitel investraent, (b) gross value of production and (c) employment all within certain specified groups or limitations for the calendar years 1926 and 1927. The tables further serve to indicate the movement

- of capital, production and employment within the industry.

In 1925 the number of establishments reporting wes 15 with a totel capital investraent of $\$ 25,422,006$, a total gross value of production of , $22,216,906$ and a total employnent of 1,015 persons. Of the total number of establishments 7 hid an invostraent of $\$ 2,832,211$ or 86,4 per cent of the total and an average capital investnent por estabiiscment of $\$ 3,261,744$. In gross value of production 5 ostablishmonts ad a combined output of $\$ 9,638,335$ or 80 per cent of the total gross production and in everage roduction of $\$ 1,927,667$ per establishment. In cmplonnent 3 esteblishmonts and a combined payroll of 588 persons or nearly 58 per cent of the total employmant and an average employment per establishment of aimost 195 persons

In 1927 the number of establisrments eeporting was 17 with a total capital investmont of $\$ 37,525,954$, a total gross valuc of production of $\$ 25,660,985$ and a totel employmunt of 1,401 persons. Of the total number of establishments 9 had a combined cepital investment of $\$ 34,170,696$ or 91 per cent of the total invested in the industry and averajo investmant per establishment of $\$ 3,796,744$. In gross value of production 7 establishments had a combined output of $\$ 23,743,957$ or over 92 per cunt of the total gross valuo of output and an average output per establishment of 3 3,391,994. The totel omplcyment was 1,401 of which 4 establishmonts had a combined payroll of 977 persons or an average of 244.25 per establishment.
(a) Capital invested in establishments groupod according to value, 1926 and 192 .

| Groups of vilue of cepital | - 1927 |  |  | 1926 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \\ & \text { munts } \end{aligned}$ | Capital <br> invosted | Average <br> Capital | Istab-lishmonts | Capital <br> invested | Avorago Capital |
| \$50,000 to under \$100,000 |  |  | Cap |  | * | + |
| \$100,000 to wider \$200,000 | 1 | 179,646 | 179,646 | 1) | - | - |
| \$200,000 to uinder \$500,000 | 5 | 1,977,889 | 395,578 | 4) | 1,783,554 | 356,710 |
| \$500,000 to under \$1,000,000 | 2 | 1,200,723 | 600,361 | 3 | 1,806,241 | 602,080 |
| \$1,000,000 end over | 9 | 34,170,696 | 3,796,744 | 7 | 22,832,211 | 3,251,744 |
| Totsl | 17 | 37,528,954 | 2,207,586 | 15 | 26,422,006 | 1,761,467 |

(i) Gross value of production i:i ostablishants groupod cccordi:ng to value, 1926 aild 1927.

| Groups of veluc of production. | 1927 |  |  | 1926 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \\ & \text { nonts } \end{aligned}$ | Gross velue of Production | Averago Volue of Product. | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \\ & \text { monts } \\ & \hline \end{aligned}$ | Grosis <br> Valuc of Production | Averago Voluc of Product. |
| Under \$50,000 | - |  | \$ - | - |  |  |
| \$50,000 to under \$ 100,000 | 2 | 130,148 | 65,074 | 1) |  |  |
| \$100,000 to uinder \$200,000 |  | 819,508 | 163,901 | 2) | 298,189 | 99,396 |
| \$200,000 to uizder \$500,000 | 2) | 967,372 | 322,457 | 7 | 2,280,382 | 325,769 |
| \$500,000 to uinder \$1,000,000 | 1) |  |  | 2) |  |  |
| 1,000, 000 aisd over | 7 | 23,743,957 | 3,391,994 | 3) | 9,638,335 | 1,927,667 |
| Totil 1 | 17 | 25,660,985 | 1,509,470 | 15 | 12,216,906 | 814,460 |

(c) Haployocs in ostablishmuats groupod by aumbor, 1926 and 1927.

|  | 1927 |  |  | 1926 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grups of omployoos | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \\ & \text { inonts } \end{aligned}$ | Total <br> Amployees <br> IVO. $\qquad$ | Avcrage maployoes No. $\qquad$ | $\begin{aligned} & \text { Est b- } \\ & \text { lish- } \\ & \text { ments } \end{aligned}$ | ratal <br> Employecs <br> NO. | Avo rago Eyployous 270. $\qquad$ |
| Thinor 20 mployoes | 5 | 63 | 12.60 | 3 | 40 | 13 |
| 20 to undur 50 cmployous | 5 | 144 | 28.80 | 5 | 123 | 24 |
| 50 to undor 100 " | 3 | 217 | 72.33 | 4 | 264 | 66 |
| - 00 to undor 200 | - | - | - | 1) |  |  |
| 200 to under 500 " | 4 | 977 | 244.25 | 2) | 588 | 196 |
| Total | 17 | 1,401 | 82.41 | 15 | 1,015 | 68 |

Table 2.- Iroductior ry provirces, calendar year 1927.

| ircipal Froducts |  | Carada |  | Ontaric |  | buebec |  | Other Provinces l/ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Value | quartity | Value | ¢uartity | Value | Quantity | Value |
| Whiskies and other potable spirits Ner-notatle alcohel <br> Distiller's grains \&c <br> Iematured alcokcl <br> Fusel oil <br> All cther products | Proof gellon $=$ $=$ Evilor " | $\begin{array}{r} 3,025,180 \\ 2,458,180 \\ 238,921 \\ 5,516 \end{array}$ | $\begin{array}{r} 23,963,227 \\ 1,179,688 \\ 293,689 \\ 188,516 \\ 5,516 \\ 30,349 \end{array}$ | $\begin{gathered} 5,380,291 \\ 1,529,902 \\ - \\ 4,966 \end{gathered}$ | $\text { l2, } 959,359 ~ \begin{array}{r} 699,018 \\ 148,145 \\ - \\ 4-968 \end{array}$ | $\begin{array}{r} 2,427,414 \\ 795,412 \\ - \\ 136,367 \end{array}$ | $\begin{array}{r} 7,765,653 \\ 402,769 \\ 91,995 \\ 112,137 \\ 13,762 \end{array}$ | $\begin{array}{r} 1,217,475 \\ 132,866 \\ - \\ 102,554 \\ 548 \end{array}$ | $\begin{array}{r} 3,238,215 \\ 77,901 \\ 53,549 \\ 76,379 \\ 548 \\ 16,587 \end{array}$ |
|  | Total | - | 25,660,985 | - | 13,811,490 | - | 8,386,316 | - | 3,463,179 |

1/ Includes - Manitcba 2, British Columbia 3.

$$
\text { Tiule 3. - Froduction by provinces, calendar year } 1926 .
$$

|  |  | Canada |  | Orticrio |  | Quebec |  | Other Frovinces $2 /$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Value | Quantity | Value | Quantity | Value $\phi$ | Quantity | Value |
| Whiskies and other potarle suirits | Frocif gallon |  |  |  |  | 1,159,081 | 1,877,282 | 547,322 | 1,120,416 |
| Nor-potable ulcohol |  | $3,139,278$ | $1,692,081$ | $1,837,562$ | $906,537$ | $864,320$ | $471,330$ | $437,396$ | $314,214$ |
| Iistiller's grains, \&c. |  |  | $160,366$ |  | $61,888$ |  | $64,515$ |  | $33,963$ |
| Deratured Alcchel | gullor | $272,420$ | $174,602$ |  |  | $205,042$ | $129,501$ | $67.378$ | $45,101$ |
| Flisel oil | " | $6,044$ | $6,044$ | $\epsilon, 044$ | $t, 044$ | - |  | - | - |
| All ether products | - | - | 23,417 | I | - | - | 2,459 | - | 20,958 |
|  | Totul | - | 12,216,906 | - | 8,137,167 | - | 2,545,087 | - | 1,534,652 |

[^0]Capital employed in the industry during the calendar years 1926 and 1927 is shown as far as permissible by provinces in Tables 4 and 5: Fixed capital comprising land, suildings, machinery and tools which in 1926 amounted to $\$ 8: 856,650$, increased to. $\$ 12,774,461$ in 1927 the large increase being due to two new plants having started operation in 1927. Similarly, the items included under the head of morking capital ruse

- Trom a total of $\$ 17,565,356$ in 1926 to $\$ 24,754,493$ in 1927. The increase of fixed capital was therefore 44.24 per cent and of working capitai 40,92 per cent.

In this distribution of capital by provinces, Ontario in 1926 occupied first plece with over 70 per cent of the total investwent which fell to about 64.37 per cent in 1927.

The total capital employed increased frcan $\$ 26,422,005$ in 1926 to $\$ 37,528,954$ in 1927 or approximately 42.03 per cent.

| Provinces | provinces, 1927 |  |  | Total Capital |
| :---: | :---: | :---: | :---: | :---: |
|  | Land̄s, buildings, fixtures,machinery and tools | Materials on hand, stocks in process | Cash, trading and operating accounts, etc. |  |
| caidida | $12,774,461$ | $19,203,307$ | $\begin{gathered} \$ \\ 5,351,186 \end{gathered}$ | $\begin{gathered} \$ \\ 37,528,954 \end{gathered}$ |
| Ontario iuebec Other provinces 1/ | $\begin{aligned} & 7,791,415 \\ & 3,17,060 \\ & 1,805,986 \end{aligned}$ | $\begin{array}{r} 12,140,440 \\ 4,924,336 \\ 2,338,531 \\ \hline \end{array}$ | $\begin{array}{r} 4,225,037 \\ 723,478 \\ 402,671 \end{array}$ | $\begin{array}{r} 24,156,892 \\ 8,824,874 \\ 4,547,188 \end{array}$ |

Table 5.- Capital employed by provinces, 1926.

| Provinces | Fixed Capital <br> Iands, buildings <br> fixtures,machirery end tools | $\begin{aligned} & \text { Workin } \\ & \text { Materials on } \\ & \text { hand, stocks } \\ & \text { in process } \end{aligned}$ | Capital <br> Cash, trading and operating accounts, etc. | Total Capital |
| :---: | :---: | :---: | :---: | :---: |
| CAITADA | $\begin{aligned} & \$, 856,650 \end{aligned}$ | $12,320,404$ | $5,244,952$ | $2 f, 422,006$ |
| Ontario <br> Quebec <br> Other provinces $1 /$ | $\begin{aligned} & 5,266,178 \\ & 1,992,802 \\ & 1,597,670 \end{aligned}$ | $\begin{aligned} & 8,617,954 \\ & 2,571,768 \\ & 1,130,682 \\ & \hline \end{aligned}$ | $\begin{array}{r} 4,556,714 \\ 406,036 \\ 282,202 \\ \hline \end{array}$ | $\begin{array}{r} 18,440,846 \\ 4,970,606 \\ 3,010,554 \end{array}$ |

I/ Includes lianitoba and British Columbia.

## Employment Statistics

Tables 6 to 10 present employment statistics under 3 heads. Table gives the numbers at employment by sex and remuneration by provinces for each year covered by the report. Table 7 shows the number of wage earners employed by months according to sex together wi th the totals and averages for each year. Table 8 gives the operating time of plants and employees wi th averages for each, and tables 9 and 10 the hours of labcur of employees.

The number of persons on salaries and wages increased from 810 males and 205 females in 1926 to 1,125 males and 276 females, whilst the total payroll increased fiom $\$ 1,287,122$ in 1926 to $\$ 1,895,084$ in 1927, so that the total number employed showed an increase of 38 per cent, whilst salaries and mages increased by almost 47,24 per cent. The average wage paid in 1926 to employees regardless of sex was $\$ 1,109_{2} 25$ which in 1927 sad increased to $\$ 1,208$. 41 or 8.94 per cent.

Table 6.- Buployees, salaries and wages, 1926-1927.

| Frovinces | Employees on salaries |  |  | Empl oyees on wages |  |  | Total employees on salaries and wages |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male | Fenale | Salaries | Male | Female | Wages | Male | Female | Salarics and Nages |
| $\frac{1927}{C A T A D A}$ | $\begin{aligned} & \text { No } \\ & 209 \end{aligned}$ | No. 49 | $\frac{\$}{513,873}$ | $\begin{aligned} & \text { No. } \\ & 916 \end{aligned}$ | No. 227 | $1,381,211$ | $\frac{\pi}{\text { No. }}$ | $\begin{aligned} & \text { No } \\ & 276 \end{aligned}$ | $\begin{gathered} \$ \\ 1,895,084 \end{gathered}$ |
| Ontario <br> Quebec <br> other orovinces | $\begin{array}{r} 133 \\ 52 \\ 24 \end{array}$ | 39 | $\begin{array}{r} 324,243 \\ 128,207 \\ 61,423 \\ \hline \end{array}$ | $\begin{aligned} & 540 \\ & 273 \\ & 103 \\ & \hline \end{aligned}$ | $\begin{array}{r} 122 \\ 69 \\ 36 \\ \hline \end{array}$ | $\begin{array}{r} 857,814 \\ 371,922 \\ 151,475 \end{array}$ | $\begin{aligned} & 573 \\ & 325 \\ & 127 . \end{aligned}$ | $\begin{array}{r} 161 \\ 75 \\ 39 \end{array}$ | $\begin{array}{r} 1,182,057 \\ 500,129 \\ 212,898 \\ \hline \end{array}$ |
| $\frac{1926}{C A \cdot A D A}$ | 110 | 26 | 312,087 | 700 | 179 | 975.035 | 810 | 205 | 1:287,122 |
| $\begin{aligned} & \text { Qintario } \\ & \text { iuvoec } \\ & \text { othor provinces } \end{aligned}$ | $\begin{aligned} & 63 \\ & 24 \\ & 23 \end{aligned}$ | $19$ | $\begin{array}{r} 162,755 \\ 74,651 \\ 34,681 \end{array}$ | $\begin{array}{r} 456 \\ 154 \\ 90 \end{array}$ | $\begin{array}{r} 114 \\ 39 \\ 25 \\ \hline \end{array}$ | $\begin{aligned} & 634,936 \\ & 199,665 \\ & 140,434 \end{aligned}$ | $\begin{aligned} & 519 \\ & 178 \\ & 113 \end{aligned}$ | $\begin{array}{r} 133 \\ 43 \\ 29 \\ \hline \end{array}$ | $\begin{array}{r} 797,691 \\ 274,316 \\ 215,115 \\ \hline \end{array}$ |

The nuber of splutees in each month of the year is given by sex an tine tajo







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Tajue Tose aarnors by Donoins ig26-1027.

| ho.atios | $\begin{aligned} & \overline{\mathrm{Nale}} \\ & \mathrm{INO} \end{aligned}$ | ja2t |  |  | Liouthe | 1027 |  | 12 Cb |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fask | $\begin{array}{r} 136 \\ 40 \end{array}$ | eraこe $40$ |  | $\begin{aligned} & \text { Na? } \\ & \text { No } \end{aligned}$ | Feral. | $\begin{aligned} & \text { inele } \\ & \text { No } \end{aligned}$ | $\begin{gathered} \sqrt{3} \mathrm{cxe}=10 \\ 10 . \end{gathered}$ |
| Tanuary | 989 | 285 | 709 | 137 | July | 905 | 246 | 63.7 | 322 |
| February | 915 | 196 | 729 | 132 | Auchist | 823 | 107 | 003 | +29 |
| Liarch | 951 | 199 | 195 | 116 | Soptenber | 781 | 198 | 627 | 137 |
| Arril | 928 | 285 | 583 | 227 | Octioder | 820 | 193 | 695 | 118 |
| Lour | 928 | 220 | 699 | 146 | November | 90. | 221 | 734 | 2.5 |
| June | 929 | 251 | 691 | $1+3$ | Docembe: | 992 | 275 | 792 | 223 |
| Average number craployed during the yoar |  |  |  |  |  | 10.854 | 2.680 | 8,274 | 1,803 |
|  |  |  |  |  |  | --916 | 227 | . 700 | 179 |

The table folloming shows the number of days that plants were in operation diaring each year on (2) full-tine, (b) part-tine and (c) idie. The average operating time of each plant whether on full or part time rose from $2688_{6} 47$ days in $192{ }^{\circ}$ to 272 deys in 1927. The hours of laborm yer day of each anoloyee averaged 8870 hours in 1925 as against 9,00 nours in 192? rith average hours per week or 52.20 in $19 ? 6$ and of 52,23 in 192 in

Table 8. - Dars in cpera ion and hours morked by mase earners, 1926 .- 1927.
Nubber of estabilsments in operation
Tays in cperation on furl. tiuc
Deys idie
part-t.ine
ivanbers of hours morked hy lagwearners per dar or shatyt
ivuber of hours moriked by mafe-namers per week

| 17 |  | $\frac{1925}{15}$ |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Totai | Average | Total | Averago |
| $\begin{array}{r} 4.332 \\ 292 \\ 544 \end{array}$ | $\begin{array}{r} 25^{\circ}: 82 \\ 17: 18 \\ 32: 00 \end{array}$ | $\begin{array}{r} 3.772 \\ 255 \\ 533 \end{array}$ | $\begin{array}{r} 251.47 \\ 17.00 \\ 35: 53 \end{array}$ |
| -53 | 9.00 | 9,467 | $\bigcirc 70$ |
| 8¢8 | 52.23 | 783 | 52.20 |

The nubber and percertag? of wage-earners in the montin of highest emploment morling specified hours is shom in table 9 ior the calendar years 1026 and 1920 by provinces. It will be observed that the wevailing hours of labour in Ontario and tho ctner pravinces 7as the oight hour day, whoreis in Quebec it was the 10 hour daye The porcentages of houns of laboun shows a decssase in the 8 hour doy fron 62.13 in the Doinimion in 1926 th
 a 10 how day rose from $26, \mathrm{Cl}$ to 29.83.


The number of hours worked per day in the month of highest employment and the standard rorking hours per meek are shown by provinces in Table 10. It should be noted that milest the statistics relating to hours of labour in colums 1 , 2 and 3

- are based on figurcs ccmpiled for the month of highest empioyment, those in colums It and 5 represent the totai and average of standard weekly hours of labour for the mmber of establishaents reporting to the Bureau For this reason the relation
o butween daily and weekly hours of labour is to some extent impaired. The average aaily hours of labour on the above basis were for the Daminion 8.70 in 1925 and 9.00 in 1927, whilst the average standard weekly hours worked out at 52.20 and 52.23 per plant for the respective years.

| Provinces | Total hours and number of wageearners for month of highest employment |  |  | Standard woriking hours per week |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total hours | Total wageearners | Average hours per day per wage-earners | Total | Averages |
| 1927 |  |  |  |  |  |
| Canẳda | 13,447 | 1,495 | 9.00 | 888 | 52.23 |
| Ontario <br> Quebec <br> Other provinces | $\begin{aligned} & 7,465 \\ & 4,310 \\ & 1,672 \end{aligned}$ | $\begin{aligned} & 841 \\ & 449 \\ & 205 \\ & \hline \end{aligned}$ | 8.88 9.60 8.15 | 253 403 232 | $\begin{aligned} & 50.60 \\ & 5.57 \\ & 46.40 \end{aligned}$ |
| 192.6 |  |  |  |  |  |
| Canada | 9,461 | 1,058 | 8.70 | 783 | 52.20 |
| Ontario <br> quebec <br> Other provinces | $\begin{aligned} & 5,820 \\ & 2,211 \\ & 1,430 \end{aligned}$ | $\begin{aligned} & 683 \\ & 233 \\ & 172 \end{aligned}$ | 8.52 9.49 8.31 | $\begin{aligned} & 201 \\ & 342 \\ & 240 \end{aligned}$ | $\begin{array}{r} 50.25 \\ 7.00 \\ 48.00 \end{array}$ |

## Fuel Consumption

The consumption of fuel in the industry is shown by classes, quantity and cost value for each of the years covered by this renort in table 11. Bituminous coal is the principal fuel used and represented nearly 94 per cent of the totai cost of all fuel in 1926 and 86.2 per cent in 1927 :

The total cost of fuel rose fram \$368,780 in 1926 to $\$ 423,024$ in 1927 being an increase of 14.7 per cont.

Table 11.- Fuel consumption, 1926 - 1927.

| Kinds of fuel | Unit of measure | 1227 |  | 1225 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Quantity | Cost Value | Quantity | Cost Value $\$$ |
| Biturainous coal | ton | 65,056 | 364,680 | 58,440 | 346.736 |
| Antiracite coal | " | 6,473 | 45,149 | 2,513 | 16,639 |
| Soike | " |  | , |  | - |
| 0 O. 1 (fuel) | cal. | 56,840 | 3,645 | 40,460 | 2.353 |
| O wher fuel | Sal | 56, | 9,550 | , | 3.052 |
| Total | - | - | 423,024 | - | 368, 780 |

## Power Equiment

Powe: ocudouart in the industry is shom in table 12 by (a) the nmber of units In eacl: ciuns and (b) by the horse power capacity according to the manufacturer's racing: The nubur of pomer units increased from 349 in 1926 to 559 in 1927, mhilst tio horse pormo cavacity decreased fram 7,003 in 1926 to 6.862 in 1927. Stear

- mines and turbines mere the principal power producers in both years with t, 105 $h_{0}$ : and $\bar{j} 912 h_{0}$ pe respectively, Electric notors duiven by purchased powe:̈ decreaset.
 Dy the estajlishorit increased irom 71 with $1,149 \mathrm{~h}$. pi in 1926 to 81 with $1,4 \varepsilon 9$ l. p. in 1927. These figures, however, are not included in the totais of power equerment to avofic dwilication.

| Olasses of power | 1927 |  | 1926 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | No. of uni ts | Horse power capacity | No. $0 f$ uni $\ddagger s$ | Horse power caperity |
| Steam engines and turbines | 48 | 3.912 | 93 | 4,105 |
| Oil, gas and gasoline end nes | 1 | 227 | , | '225 |
| Electric motors operated by purchased power | 510 | 2,723 | 255 | 2,763 |
| Total porrer installation | 559 | 6,862 | 349 | 7.093 |
| Electric motors oporated by pomer |  |  |  |  |
| generated by the establiskment not | 81 | 1.29 | 71 | 149 |

## Materials Used

The quartity of the principal materials used in the industry such as grains and molasses and also the total cost of all materials used is shom in Table 13, by pruvinces for the calendar years 1926 and 2927. The cost value of all materials in 1926 anourved to $\$ 3,676,297$ and in 1927 to $\$ 6,351,689$, an increase due to the greaber production of spirits in the latter year.

| Provinces | Grains <br> Lb. | Biolasses $\mathrm{Lb} \text {. }$ | Tctal Cost of all materials |
| :---: | :---: | :---: | :---: |
| 192 |  |  |  |
| Ontario Quebec | $\begin{aligned} & 83,267,567 \\ & 41,090,366 \end{aligned}$ | $\begin{aligned} & 27,712,797 \\ & 22,+21,298 \end{aligned}$ | $\begin{aligned} & 3,559,492 \\ & 1,861,525 \end{aligned}$ |
| Kanitoba anin Er. Columina | 22, $+52,199$ | 1,663,095 | 930,572 |
| Canada To'sals | 146,810,13? | 51,797.190 | 6,351,689 |
| 1026 |  |  |  |
| ontaris <br> quebec | $\begin{array}{r} 41,256,282 \\ 9,418,012 \end{array}$ | $\begin{aligned} & 35,202,140 \\ & 26,967,529 \end{aligned}$ | $\begin{array}{r} 2,25.1,133 \\ 846,377 \end{array}$ |
| unaisoba and उiri sh Columbia | 13,9 $4.6,808$ | 2.901.673 | 578,687 |
| Canada Tctulus | 64,621,10? | $65,071,342$ | 3,676, 197 |

The Intouts of distilled liquors for consumption in Canada durins the coleniar jear:s 1926 and 1927 are shown by quantity and value in table 14 by orincipal countries. The increase in cuantity in 1927 was 660,006 gallons and the increase in value $12,408,061$ :

- Of the increased çallonage, whiskies accounted for 387,213, brandy for 55,374 , rum for 72,011 and gin 88,952. In value, whiskies renresented $\$ 8,387,593$ of the total increase, rum $\$ 1,425,771$ and gin $\$ 1,558,973$. Over 99 per cent of imported whiskies cane from the United King"dora as mell as 9 ? per cent of imported rum and 87 per cent of in. 29 per cent of imported brandy came from France and over 51 per cent of the imports of vermouts The other principal countries from which distilled liquors were imorted, pere the Netherlands for gin, Italy for vermouth and Jamaica for ruf.

Tablo 14.-Imports of Distilled Liquors for tie Calendar Years, 1925-1927.

| Articles Imported by Countries | 1927 |  | 1926 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | quanticy | Value |
| Absinthe and all spirituous alcoholic liquors, 2.0.D. - |  | \% |  | \$ |
|  |  | 206 |  |
| United Iinedom | 492 |  | 6,76825 | 3,400 |
| United Sta Hic ne Koin |  |  |  |  |
|  | 2,961 | 12,347 | 4,936 | 21,69 |
| Hic ne Koan. Other Ununt | 3.905 | 20,896 | 2,329 | 9,087 |
| Totals | 7,363 | 40,036 | 6.476 | 34,187 |
|  |  |  |  |  |
| United Kinsdom | 453 | 6,242 | 2,487 | 21,490 |
| France.... | $270,998$ | 1,901,635 | 213,332 | 1,230,743 |
| Other Countries................ | 2,042 | 13.088 | 2,300 | 13,924 |
|  | 273,493 | 1,020,965 | 218,119 | 1,266,227 |
| Cordials \& liquors, all kinds, n.0.p.-United Kindom....................... 11,413 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| United States................... | 4, 50 | 410 |  | 139 |
| France........ | 34,670 | 215,178 | 16,622 | 82,075 |
| Hong Kon | - | - | 993 | 7,420 |
|  | - |  | 3,054 | 12,038 |
| Other Countries | 2,895 | 70,859 | 4,133 | 25,004 |
| Total | 56,028 | 489,664 | $28, c^{\prime}+1$ | 190, 264 |
| Gin, all kincs - |  |  |  |  |
| United Kinedor Netherlainds. . | 233,045 78,515 | $4,616,349$ $667,40,6$ | 165,107 55,162 | $\begin{array}{r} 3.287 .126 \\ 447.574 \end{array}$ |
| Other Countri | 2,361 | 23,889 |  | 14,061 |
| Totals............ | 320,921 | 5,307,734 | 231,969 | 3,748.751 |
| Rum - |  |  |  |  |
| United KirscomUnited Staies. | 180,256 | 3.573 .435 | 111,550 | 2,213,583 |
|  | 2,087 | -5,415 | 2,171 | 7.891 |
| Br . Guiana. | 11,498 | 34,855 | 8,362 | 22,261 |
| Jamaica. | 33,483 | 152,573 | 38,104 | 144,567 |
|  |  |  | 3,164 | 14,801 |
| Orance. | 11,930 | 34,946 | 3,892 | 33,250 |
| Totals............ | 239,254 | 3,862,224 | 167,243 | 2,436,453 |
|  |  |  |  |  |
| United KindoFrance...... |  |  |  |  |
|  | 33,952 | $74,170$ | $21,192$ | $33,042$ |
| Italy..... | 38,576 | 64,999 | 23,263 | 31,916 |
|  |  | 319 | 523 | 1,927 |
| Totals......... 73.924 |  | 144.815 | 45.542 | 68.478 |
| Thiskey - |  |  |  |  |
| United King | ,277,984 | 26,973,258 | 892,529 | 18,612,539 |
| united Stat Frarce |  | 10 |  |  |
| Frarce <br> Other Countries. | $12,170$ | 121,032 | 673 9.735 | $\begin{array}{r} 3,715 \\ 00,153 \\ \hline \end{array}$ |
| Other Countries.................. | ,290,155 | 27,094.300 | 902.912 | 18,706,707 |
| Grand Totals, Distilled Liquors.... | ,261,138 | 38,859,135 | , 601,132 | 26,451,677 |

The quartity and value of distilled liquors, the produce of Canada, exported to - certain specified countries during the calendar years 1926 and 192 is presented in - Vale 15. The total value of distilled liquers exported in 1926 amounted to $\$ 18,50,228$ and in 1927 to $\$ 21,398,452$. Exports of gin rose from 15,628 gallons in 1926 to 26,966 - gallons in 1927, whiskey from 1,550,902 gallons to 1,788,266 gallons, whilst other potable spirits decreased from 43,681 gallons in 1926 to 11,950 gal. lens in 1927 .

Taole 15.- Exports of Distilled Liquors by Quantity and Value, 1926 and 1927.


## Consumption

Statistics of consumption of distilled liquirs for beverage purposes by the usual mathods of making such calculations (production plus imports less exports) is nut practicable as the production in any year does not become immediately availabie Por consumption being sent to bonded warehouses where it remains for a period of at leas: twe years before it can be released for consumption. The quantities thus available for consumption comprise the foilowing items which for the fiscal years ended March 31st, 192? and 1928 were:-

|  |  | 1927-28 | 1926-27 |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Released for consumption .............. Gal. } \\ & \text { Trmporis for consumption ............. } \end{aligned}$ |  | 1,896,357 | 1,404,111 |
|  |  | 2,209,625 | 1,490,213 |
| Totals for ". | " | 4,105,982 | $2,894,324$ |
| Per Cawita | 1 | . .431 | $.304$ |

## Distillers, Canada, 1227 .

Celciors Distillery Co. Itd., Thu Distillers Cornoration Ltd.

Comercial Alchols Ltd.,
Icminion Jistillers Limited
Foceral Alcohol Distillery Ltd.,
Mentreal Products Co. Itd.,
Cendian Distilleries, Ltd.,
Canadian Industrial Alcohcl Co. Itd.,
Iindsay Distilleries, Ltd.,
Gosierham sorts, Ltd.,
Hiram Nalker \& Scns, Ltd.,
Joserh E. Seagram Sons, Ltd.,
Consolidated Distilleries of Manitoba, Ltd.,
Wational Distilleries, Ltd.,
United Distiliers Limited
British Columbia Distillery Co. Ltd.,
Consclidated Distilleries Ltd.,

Berthiervilie, Que.
Ia Salle, "
Montreal, "
Montreal, "
Montreal, "
Montreal. "
Sorel, "
Corbyville, Ont.
Lindsay, "
Torontc, "
Walkerville "
Waterloc, "
St. Boniface, Man.
St. Boniface, "
Marpole, B.C.
New Westminster, B.C.

Granville Island,
Vancouver, B.C.


[^0]:    2/ Includes - Vanitco 2, Sritish Columbia 3.

