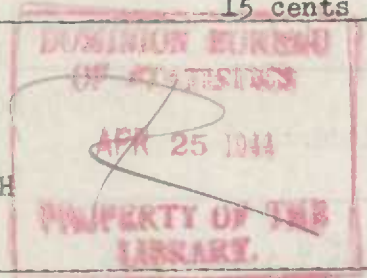


46-D-24

Historical File Copy

Published by Authority of the HON. JAMES A. MacKINNON, M.P. 43-18-4-44
Minister of Trade and Commerce Price -
15 cents

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA



Dominion Statistician: S.A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief - Mining, Metallurgical and Chemical Branch: W.H. Losee, B.Sc.
Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

CHEMICALS AND ALLIED PRODUCTS

FINAL SUMMARY STATISTICS - 1942

According to finally revised figures, the production of chemicals and allied products in Canada reached a total value of \$501.6 millions in 1942 compared with \$304.4 millions in 1941 when the previous record was established. The bulk of the increase in 1942 was, of course, in special chemicals and explosives, but most other lines showed substantial gains also. Percentage gains by the principal industrial groups were as follows. Coal tar distillation, 32; heavy chemicals, 30; compressed gases, 30; fertilizers, 39; medicinals, 18; paints, 14; soaps, 22; toilet preparations, 20; inks, 0.5; adhesives, 26; polishes, 14; and miscellaneous, 150. There was a decline of 5 per cent in the wood distillation industry.

Altogether there were 928 establishments in operation, representing an investment of \$471 millions and giving employment to a monthly average of 93,030 workers during the year. These firms paid out \$134 millions for salaries and wages, \$233 millions for materials for processing and \$15 millions for fuel and electricity. The increase in capital compared with 1941 was 32 per cent; in employment, 72 per cent; in salaries and wages, 78 per cent; and in cost of materials, 73 per cent.

About 47 per cent of the production in 1942 was from Ontario with 476 establishments and output valued at \$235 millions. Quebec, with 305 factories and production worth \$219 millions, accounted for 43 per cent, and British Columbia with 58 plants and output at \$19 millions accounted for 4 per cent of the total.

Imports of chemicals and allied products amounted to \$66.8 millions in 1942 compared with \$65.4 millions in 1941. Exports increased to \$78.2 millions from \$59.3 millions in 1941.

Chemicals

45-0-24

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY INDUSTRIES, 1941 and 1942

| Industry | Number of plants | Capital employed | Average number of employees | Salaries and wages | Cost of materials at works(x) | Gross selling value of products at works |
|--------------------------------------|------------------|------------------|-----------------------------|--------------------|-------------------------------|--|
| | | \$ | | \$ | \$ | \$ |
| <u>1941 (Final)</u> | | | | | | |
| Coal tar distillation | 10 | 4,407,409 | 367 | 620,129 | 3,218,530 | 5,146,443 |
| Acids, alkalies and salts | 32 | 61,329,966 | 6,482 | 11,169,284 | 17,108,347 | 50,109,348 |
| Compressed gases | 35 | 7,628,438 | 860 | 1,446,884 | 945,836 | 6,345,140 |
| Fertilizers | 27 | 20,110,569 | 1,748 | 2,865,837 | 9,419,584 | 15,188,645 |
| Medicinals and pharmaceuticals | 169 | 31,223,170 | 5,026 | 6,921,081 | 13,486,811 | 35,471,898 |
| Paints, pigments and varnishes | 94 | 31,911,306 | 4,225 | 6,843,811 | 21,495,598 | 40,183,625 |
| Soaps and washing compounds | 116 | 19,655,049 | 3,080 | 4,599,815 | 12,633,351 | 25,713,565 |
| Toilet preparations .. | 88 | 7,914,670 | 1,568 | 1,832,497 | 3,803,305 | 10,155,763 |
| Inks | 33 | 3,164,648 | 623 | 1,204,263 | 2,264,748 | 4,774,284 |
| Hardwood distillation | 6 | 1,791,320 | 286 | 295,652 | 893,729 | 1,865,436 |
| Adhesives | 22 | 3,016,349 | 599 | 753,491 | 1,858,728 | 3,675,631 |
| Polishes and dressings | 50 | 3,715,165 | 593 | 753,991 | 2,740,967 | 5,348,568 |
| Miscellaneous | 167 | 162,561,470 | 28,557 | 36,323,006 | 45,055,413 | 100,422,223 |
| TOTAL | 849 | 358,429,529 | 54,014 | 75,634,741 | 134,924,947 | 304,400,569 |
| <u>1942 (Final)</u> | | | | | | |
| Coal tar distillation | 10 | 4,606,201 | 392 | 708,857 | 3,833,826 | 6,805,791 |
| Acids, alkalies and salts | 35 | 75,169,327 | 7,842 | 14,128,210 | 23,927,969 | 65,123,577 |
| Compressed gases | 36 | 7,130,923 | 940 | 1,534,621 | 1,255,876 | 8,203,556 |
| Fertilizers | 26 | 19,722,341 | 1,973 | 3,413,722 | 13,112,322 | 21,140,397 |
| Medicinals and pharmaceuticals | 200 | 36,494,104 | 5,560 | 8,000,240 | 16,308,496 | 41,983,247 |
| Paints, pigments and varnishes | 96 | 33,675,532 | 4,507 | 7,630,950 | 24,073,128 | 45,764,802 |
| Soaps and washing compounds | 126 | 23,964,341 | 3,268 | 5,490,076 | 17,424,418 | 31,484,125 |
| Toilet preparations .. | 88 | 8,945,144 | 1,593 | 1,973,697 | 4,414,438 | 12,201,445 |
| Inks | 34 | 3,115,656 | 596 | 1,221,692 | 2,089,757 | 4,797,245 |
| Hardwood distillation | 6 | 840,201 | 297 | 360,532 | 961,702 | 1,764,290 |
| Adhesives | 21 | 3,523,541 | 559 | 842,026 | 2,265,181 | 4,630,667 |
| Polishes and dressings | 56 | 3,825,989 | 603 | 856,070 | 3,177,899 | 6,091,109 |
| Miscellaneous | 194 | 250,666,479 | 64,900 | 88,185,249 | 120,541,882 | 251,665,872 |
| TOTAL | 928 | 471,679,779 | 93,030 | 134,345,942 | 233,386,894 | 501,656,123 |
| Per cent gain, 1942 over 1941 | +9.3 | +31.6 | +72.2 | +77.7 | +73.0 | +64.7 |

(x) Does not include fuel and electricity costing \$15 millions in 1942, and \$12 millions in 1941.

NOTE: Profits or losses cannot be computed from the above figures as data are not available for general expense items, such as rent, depreciation, taxes, insurance, advertising, etc.

Table 2 -- PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY PROVINCES, 1941 and 1942

| Province | Number of plants | Capital employed | Average number of employees | Salaries and wages | Cost of materials at works(x) | Gross selling value of products at works |
|---------------------------------|------------------|------------------|-----------------------------|--------------------|-------------------------------|--|
| | | \$ | | \$ | \$ | \$ |
| <u>1941 (Final)</u> | | | | | | |
| Nova Scotia and P. E. Island .. | 14 | 3,381,641 | 361 | 460,985 | 2,006,787 | 3,691,133 |
| New Brunswick .. | 7 | 2,577,890 | 200 | 231,775 | 1,688,962 | 2,506,078 |
| Quebec | 275 | 167,502,850 | 26,784 | 35,679,217 | 54,932,208 | 120,569,492 |
| Ontario | 444 | 140,437,946 | 22,083 | 32,205,689 | 66,005,344 | 150,534,865 |
| Manitoba | 36 | 19,212,321 | 2,358 | 3,072,714 | 4,087,522 | 9,696,105 |
| Saskatchewan ... | 8 | 455,595 | 61 | 83,908 | 135,257 | 403,489 |
| Alberta | 17 | 9,229,516 | 233 | 240,557 | 423,395 | 1,072,222 |
| British Columbia | 48 | 15,631,770 | 1,934 | 3,659,896 | 5,645,472 | 15,927,185 |
| CANADA | 849 | 358,429,529 | 54,014 | 75,634,741 | 134,924,947 | 304,400,569 |
| <u>1942 (Final)</u> | | | | | | |
| Nova Scotia and P. E. Island .. | 15 | 4,061,804 | 405 | 558,196 | 2,598,440 | 4,726,131 |
| New Brunswick .. | 8 | 2,771,793 | 250 | 321,238 | 2,390,795 | 3,385,302 |
| Quebec | 305 | 238,208,698 | 51,426 | 70,211,561 | 93,332,016 | 219,104,671 |
| Ontario | 476 | 166,770,267 | 33,731 | 51,614,625 | 119,899,320 | 235,544,376 |
| Manitoba | 37 | 23,885,489 | 4,441 | 6,554,071 | 7,601,570 | 16,704,507 |
| Saskatchewan ... | 9 | 362,781 | 72 | 105,238 | 152,984 | 449,634 |
| Alberta | 20 | 11,042,077 | 449 | 799,289 | 561,007 | 2,613,581 |
| British Columbia | 58 | 24,576,870 | 2,256 | 4,181,724 | 6,850,762 | 19,127,921 |
| CANADA | 928 | 471,679,779 | 93,030 | 134,345,942 | 233,386,894 | 501,656,123 |

(x) Does not include fuel and electricity costing \$15 millions in 1942 and \$12 millions in 1941.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010651427