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OTTAWA - CANADA

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CHEMICALS AND ALLIED PRODUCTS

PRELIMINARY SUMMARY STATISTICS, 1935.

Preliminary figures for 1935 indicate that the production of chemicals and allied products in that year was valued at \$116,351,015 at factory prices. This total, which was higher than in any year since 1930, was about 7.7 per cent above the 1934 value of \$108,052,039 and 20.2 per cent above the corresponding figure of \$92,820,761 in 1933. The gain in employment over 1934 was 9.8 per cent and the increase in salaries and wages was 12.5 per cent.

The improvement in 1935 was quite general with 11 of the industries showing substantial advances and 3 reporting small declines. The gains were as follows:- coal tar distillation, 30 per cent to \$2,617,681; acids, alkalies and salts, 11 per cent to \$18,367,119; compressed gases, 10 per cent to \$3,082,765; fertilizers, 9 per cent to \$5,947,909; medicinals, 7 per cent to \$20,829,226; paints, 8 per cent to \$20,031,400; soaps, 17 per cent to \$16,076,959; inks, 14 per cent to \$2,748,512; wood distillation, 4 per cent to \$804,110; adhesives, 12 per cent to \$1,462,962; and polishes, 8 per cent to \$2,066,680. The value of explosives, etc., at \$8,551,514 was 5 per cent less than in 1934; toilet preparations declined 1 per cent to \$5,917,599 and the miscellaneous industry decreased 4 per cent to \$7,846,579.

The number of operating establishments in 1935 was 740 compared with 736 in 1934; the number of employees rose to 18,804 from 17,130, and salaries and wages increased \$2.6 millions to \$23,541,803. Capital employed was slightly less in 1935 at \$154,589,350.

About 53 per cent of the factories, or 395, were located in the province of Ontario; their production totalled \$67,711,840 or 58 per cent of the Canada total and their employees numbered 9,779 or 52 per cent of the total. Quebec's 221 establishments gave work to 6,836 persons and made products worth \$34,592,527.

Canada's imports of chemicals and allied products totalled \$29,757,570 in 1935, or \$1.6 millions more than in 1934. About 21.3 per cent, or \$6,330,811, came from the United Kingdom and 58.7 per cent, or \$17,458,742, from United States.

Exports in 1935 reached the highest value since 1930 and the total of \$16,372,476 accounted for about 15 per cent of the production. United States was the chief purchaser, taking 48.7 per cent of the total, and the United Kingdom was next with 18.5 per cent. The value of shipments to United States was \$7,983,454 and to the United Kingdom, \$3,022,098.

The principal statistics for this group are given by industries and by provinces in the following summary tables.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY INDUSTRIES, 1934 and 1935.

| Industries | No. of plants | Capital employed | Average number of employees | Salaries and wages | Cost of materials at works | Selling value of products at works |
|--------------------------------------------|---------------|--------------------|-----------------------------|--------------------|----------------------------|------------------------------------|
| | | \$ | | \$ | \$ | \$ |
| 1934 | | | | | | |
| Coal tar distillation ... | 10 | 5,086,026 | 202 | 320,055 | 1,366,641 | 2,004,715 |
| Acids, alkalies and salts | 16 | 45,033,355 | 2,289 | 2,841,853 | 3,674,265 | 16,494,139 |
| Compressed gases | 28 | 3,734,447 | 446 | 646,981 | 378,111 | 2,803,840 |
| Explosives, ammunition and fireworks | 9 | 6,865,362 | 1,277 | 1,417,824 | 2,955,842 | 9,037,788 |
| Fertilizers | 20 | 15,452,733 | 776 | 946,178 | 3,647,660 | 5,467,154 |
| Medicinals and pharmaceuticals | 180 | 20,041,129 | 3,506 | 4,306,409 | 6,587,569 | 19,484,094 |
| Paints, pigments and varnishes | 79 | 22,816,098 | 2,859 | 3,825,538 | 7,949,941 | 18,618,371 |
| Soaps and washing compounds | 101 | 12,500,929 | 1,818 | 2,301,727 | 7,182,860 | 13,614,464 |
| Toilet preparations | 82 | 5,063,459 | 959 | 986,235 | 2,022,030 | 5,977,563 |
| Inks | 28 | 2,585,617 | 438 | 705,792 | 959,826 | 2,411,001 |
| Wood distillation | 5 | 1,645,950 | 165 | 128,663 | 457,205 | 774,767 |
| Adhesives | 16 | 2,123,205 | 332 | 366,008 | 587,535 | 1,307,393 |
| Polishes and dressings .. | 45 | 1,930,392 | 362 | 404,833 | 815,680 | 1,918,998 |
| Miscellaneous | 117 | 11,909,716 | 1,701 | 1,721,644 | 3,413,611 | 8,137,752 |
| TOTAL | 736 | 156,788,418 | 17,130 | 20,919,740 | 41,998,776 | 108,052,039 |
| 1935 | | | | | | |
| Coal tar distillation ... | 10 | 5,064,248 | 225 | 347,397 | 1,487,085 | 2,617,681 |
| Acids, alkalies and salts | 18 | 40,570,731 | 2,580 | 3,424,729 | 4,462,039 | 18,367,119 |
| Compressed gases | 28 | 4,586,308 | 513 | 745,599 | 433,045 | 3,082,765 |
| Explosives, ammunition and fireworks | 9 | 6,309,508 | 1,631 | 1,969,371 | 3,210,212 | 8,551,514 |
| Fertilizers | 19 | 15,493,758 | 1,025 | 1,276,773 | 3,308,218 | 5,947,909 |
| Medicinals and pharmaceuticals | 173 | 20,211,011 | 3,722 | 4,561,723 | 6,874,755 | 20,829,226 |
| Paints, pigments and varnishes | 79 | 22,637,402 | 3,066 | 4,168,103 | 9,152,981 | 20,031,400 |
| Soaps and washing compounds | 100 | 14,110,858 | 1,915 | 2,477,410 | 8,968,578 | 16,076,959 |
| Toilet preparations | 81 | 5,246,485 | 982 | 1,041,102 | 2,124,499 | 5,917,599 |
| Inks | 29 | 2,613,710 | 473 | 757,192 | 1,021,544 | 2,748,512 |
| Wood distillation | 6 | 2,064,215 | 168 | 135,011 | 420,866 | 804,110 |
| Adhesives | 17 | 2,149,508 | 365 | 407,720 | 655,056 | 1,462,962 |
| Polishes and dressings .. | 47 | 1,706,961 | 360 | 392,622 | 912,771 | 2,066,680 |
| Miscellaneous | 124 | 11,824,647 | 1,779 | 1,837,051 | 3,233,120 | 7,846,579 |
| TOTAL | 740 | 154,589,350 | 18,804 | 23,541,803 | 46,264,769 | 116,351,015 |

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY PROVINCES, 1934 and 1935.

| Industries | No. of plants | Capital employed | Average number of employees | Salaries and wages | Cost of materials at works | Selling value of products at works |
|--------------------------------------------|---------------|------------------|-----------------------------|--------------------|----------------------------|------------------------------------|
| | | \$ | | \$ | \$ | \$ |
| <u>1934</u> | | | | | | |
| Nova Scotia and Prince Edward Island | 12 | 2,163,686 | 199 | 206,565 | 812,144 | 1,460,916 |
| New Brunswick | 7 | 1,188,138 | 147 | 175,698 | 642,409 | 1,114,591 |
| Quebec | 219 | 56,408,625 | 6,368 | 7,311,442 | 12,448,019 | 33,554,521 |
| Ontario | 404 | 75,528,943 | 8,825 | 11,262,305 | 23,616,119 | 61,377,890 |
| Manitoba | 37 | 4,869,085 | 580 | 628,412 | 1,581,713 | 3,538,731 |
| Saskatchewan | 8 | 690,054 | 70 | 83,792 | 201,071 | 382,024 |
| Alberta | 9 | 413,158 | 62 | 76,666 | 147,622 | 432,908 |
| British Columbia | 40 | 15,526,729 | 879 | 1,174,860 | 2,549,679 | 6,190,658 |
| CANADA | 736 | 156,788,418 | 17,130 | 20,919,740 | 41,998,776 | 108,052,039 |
| <u>1935</u> | | | | | | |
| Nova Scotia and Prince Edward Island | 13 | 2,112,245 | 220 | 240,435 | 877,317 | 1,718,299 |
| New Brunswick | 7 | 1,245,914 | 128 | 158,416 | 649,694 | 1,111,428 |
| Quebec | 221 | 51,147,902 | 6,836 | 8,084,938 | 13,844,854 | 34,592,527 |
| Ontario | 395 | 78,578,387 | 9,779 | 12,735,962 | 26,792,554 | 67,711,840 |
| Manitoba | 37 | 5,001,159 | 612 | 665,953 | 1,713,808 | 3,702,180 |
| Saskatchewan | 9 | 482,347 | 87 | 96,940 | 124,451 | 319,963 |
| Alberta | 12 | 470,014 | 67 | 84,158 | 229,226 | 559,634 |
| British Columbia | 46 | 15,551,382 | 1,075 | 1,475,001 | 2,032,865 | 6,635,144 |
| CANADA | 740 | 154,589,350 | 18,804 | 23,541,803 | 46,264,769 | 116,351,015 |

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