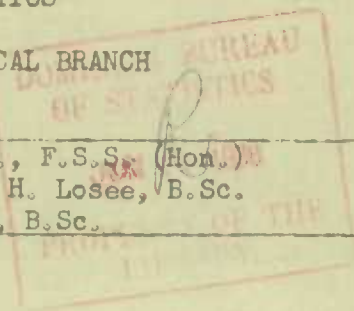


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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
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OTTAWA - CANADA



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ANNUAL REPORT

CHEMICALS AND ALLIED PRODUCTS

PRELIMINARY SUMMARY STATISTICS, 1937.

Preliminary statistics for 1937 give the output of chemicals and allied products at \$144,993,105, the highest ever reported for this group of plants. The advance over the 1936 value was 14.3 per cent and the gain over the 1929 value, formerly the record, was 4.7 per cent.

Only one industry, wood distillation, failed to show an advance over 1936, the percentage gains in the other groups being as follows: coal tar distillation, 15.5; acids, alkalis and salts, 17.8; compressed gases, 16.9; fertilizers, 36.6; medicinals and pharmaceuticals, 8.9; paints, 6.6; soaps and cleaning preparations, 20.3; toilet preparations, 3.8; inks, 5.5; adhesives, 5.9; polishes, 6.6; and miscellaneous, 20.2. Wood distillation declined 12.9 per cent.

In the whole group there were 738 factories in operation, representing an investment of \$156,396,016 and employing 21,323 workers. A total of \$62,901,934 was spent on materials and \$28,603,374 for salaries and wages. The increase in the number of employees, compared with 1936, was 7.1 per cent and the advance in salaries and wages amounted to 13.4 per cent.

About 57 per cent of the production was from Ontario with 382 establishments and output valued at \$83,439,763. Quebec, with 221 factories and production worth \$43,611,629, accounted for 30 per cent, and British Columbia, with 47 works and output at \$8,378,918 accounted for 5.8 per cent of the total.

Imports of chemicals and allied products increased 17 per cent in 1937 to \$37,393,423. Purchases from the United States at \$22,502,132 made up 60.2 per cent of the total, and shipments from the United Kingdom at \$7,857,577 accounted for 21 per cent.

Exports advanced 22 per cent in 1937 to \$21,666,897 of which \$9,724,310, or 44.9 per cent, went to the United States and \$5,248,845, or 24.2 per cent, went to the United Kingdom.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY INDUSTRIES, 1936 and 1937.

| Industries | Number of plants | Capital employed \$ | Average number of employees | Salaries and wages \$ | Cost of materials at works \$ | Gross selling value of products at works \$ |
|--------------------------------------|------------------|------------------------|-----------------------------|--------------------------|----------------------------------|--|
| <u>1936</u> | | | | | | |
| Coal tar distillation | 10 | 4,507,861 | 216 | 287,819 | 1,516,122 | 2,942,255 |
| Acids, alkalies and salts | 20 | 32,596,308 | 2,966 | 3,988,310 | 4,680,299 | 18,959,512 |
| Compressed gases | 28 | 4,565,549 | 568 | 823,714 | 490,041 | 3,360,220 |
| Fertilizers | 20 | 14,800,141 | 930 | 1,196,286 | 4,996,084 | 7,075,831 |
| Medicinals and pharmaceuticals | 169 | 20,760,912 | 3,857 | 4,797,458 | 7,384,370 | 22,251,550 |
| Paints, pigments and varnishes | 78 | 23,274,558 | 3,124 | 4,428,387 | 10,817,694 | 22,651,225 |
| Soaps and washing compounds | 102 | 11,564,606 | 1,993 | 2,540,559 | 9,121,222 | 16,313,502 |
| Toilet preparations | 87 | 5,624,306 | 1,171 | 1,199,913 | 2,379,755 | 6,544,377 |
| Inks | 33 | 2,965,168 | 533 | 855,722 | 1,225,072 | 3,082,042 |
| Hardwood distillation | 6 | 2,064,721 | 176 | 138,151 | 406,690 | 857,647 |
| Adhesives | 19 | 2,266,199 | 420 | 457,170 | 813,291 | 1,799,200 |
| Polishes and dressings | 48 | 2,236,299 | 432 | 501,142 | 1,146,356 | 2,481,044 |
| Miscellaneous | 125 | 20,437,905 | 3,524 | 4,012,636 | 7,505,877 | 18,556,386 |
| TOTAL | 745 | 147,664,533 | 19,910 | 25,227,267 | 52,482,873 | 126,874,791 |
| <u>1937</u> | | | | | | |
| Coal tar distillation | 10 | 4,392,474 | 254 | 357,744 | 2,189,237 | 3,399,542 |
| Acids, alkalies and salts | 20 | 34,940,661 | 3,492 | 5,117,709 | 5,965,965 | 22,340,297 |
| Compressed gases | 27 | 4,605,170 | 609 | 927,773 | 527,409 | 3,929,242 |
| Fertilizers | 19 | 16,328,313 | 1,046 | 1,483,595 | 6,520,955 | 9,664,751 |
| Medicinals and pharmaceuticals | 169 | 22,577,318 | 4,239 | 5,247,204 | 8,381,398 | 24,232,011 |
| Paints, pigments and varnishes | 78 | 23,223,286 | 3,160 | 4,680,571 | 11,953,547 | 24,152,286 |
| Soaps and washing compounds | 99 | 14,176,316 | 2,265 | 2,822,665 | 11,232,833 | 19,626,400 |
| Toilet preparations | 85 | 5,239,184 | 1,222 | 1,279,157 | 2,550,012 | 6,792,771 |
| Inks | 33 | 2,945,636 | 545 | 857,870 | 1,261,090 | 3,250,599 |
| Hardwood distillation | 5 | 1,546,353 | 183 | 139,992 | 440,161 | 747,084 |
| Adhesives | 19 | 2,356,717 | 416 | 485,179 | 986,638 | 1,905,385 |
| Polishes and dressings | 44 | 2,369,654 | 462 | 535,244 | 1,316,229 | 2,645,356 |
| Miscellaneous | 130 | 21,694,934 | 3,430 | 4,668,671 | 9,576,460 | 22,307,381 |
| TOTAL | 738 | 156,396,016 | 21,323 | 28,603,374 | 62,901,934 | 144,993,105 |

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY PROVINCES, 1936 and 1937.

| Provinces | Number of plants | Capital employed \$ | Average number of employees | Salaries and wages \$ | Cost of materials at works \$ | Gross selling value of products at works \$ |
|--------------------------------------|------------------|------------------------|-----------------------------|--------------------------|----------------------------------|--|
| <u>1936</u> | | | | | | |
| Nova Scotia and Prince Edward Island | 13 | 1,934,617 | 260 | 277,454 | 1,090,597 | 1,975,011 |
| New Brunswick | 7 | 1,172,853 | 128 | 160,409 | 867,981 | 1,289,163 |
| Quebec | 227 | 53,206,827 | 7,081 | 8,565,670 | 15,479,121 | 38,487,587 |
| Ontario | 385 | 70,207,971 | 10,509 | 13,664,809 | 29,645,777 | 72,831,167 |
| Manitoba | 36 | 4,922,841 | 630 | 712,042 | 1,963,032 | 4,241,879 |
| Saskatchewan | 11 | 543,157 | 49 | 61,315 | 99,412 | 228,953 |
| Alberta | 18 | 515,851 | 72 | 86,505 | 260,493 | 604,924 |
| British Columbia | 48 | 15,160,416 | 1,181 | 1,699,083 | 3,076,460 | 7,216,107 |
| CANADA | 745 | 147,664,533 | 19,910 | 25,227,267 | 52,482,873 | 126,874,791 |
| <u>1937</u> | | | | | | |
| Nova Scotia and Prince Edward Island | 13 | 2,096,732 | 293 | 347,799 | 1,378,151 | 2,374,241 |
| New Brunswick | 7 | 1,483,513 | 157 | 193,533 | 1,263,969 | 1,772,346 |
| Quebec | 221 | 53,685,410 | 7,206 | 9,356,987 | 18,287,892 | 43,611,629 |
| Ontario | 382 | 77,432,561 | 11,720 | 15,752,159 | 35,957,464 | 83,439,763 |
| Manitoba | 38 | 4,947,323 | 665 | 797,759 | 2,149,955 | 4,533,312 |
| Saskatchewan | 10 | 549,616 | 57 | 63,651 | 98,899 | 228,812 |
| Alberta | 20 | 554,861 | 88 | 92,894 | 245,161 | 654,084 |
| British Columbia | 47 | 15,646,000 | 1,137 | 1,998,592 | 3,520,443 | 8,378,918 |
| CANADA | 738 | 156,396,016 | 21,323 | 28,603,374 | 62,901,934 | 144,993,105 |

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