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

Dominion Statistician:R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)Chief - Mining, Metallurgical and Chemical Branch:W. H. Losee, B.Sc.Statistician - Metal and Chemical Products:H. McLeod, B.Sc.

## CHEMICALS AND ALLIED PRODUCTS GROUP

## PRELIMINARY SUMMARY STATISTICS - 1939

Preliminary totals for 1939 place the output value of chemicals and allied products at \$157,407,059 or 7.7 per cent more than in 1938, and 5.7 per cent more than the former record of \$148,973,220 established in 1937.

The principal statistics for each of the 13 industries in the chemicals and allied products group are given in the accompanying tables. All but 2 industries showed substantial improvement over 1938, the percentage gains being as follows: coal tar distillation, 19.6; acids, alkalies and salts, 12.6; compressed gases, 6.8; fertilizers, 2.6; medicinals, 9.4; paints, 4.6; soaps, 10.1; inks, 8.1; hardwood distillation, 8.1; adhesives, 8.0, and miscellaneous chemical products, 8.4. Output of toilet preparations declined 3.2 per cent and polishes and dressings 0.9 per cent.

In 1939 there were 797 factories in operation in this chemical group, representing an investment in fixed and working capital of \$170,673,035 and employing 22,288 persons. Over \$64 millions was spent on materials for manufacturing, \$31 millions for salaries and wages and about \$4 millions for fuel and electricity.

About 57 per cent of the production was from Ontario with 420 establishments and output valued at \$89,227,731. Quebec with 246 factories and production worth \$47,590,580, accounted for 30 per cent of the total, and British Columbia with 47 plants and output valued at \$10,451,045 accounted for 7 per cent.

Canada's foreign trade in chemicals and allied products was at a record level in 1939. Imports reflecting the increased requirements of expanding domestic industry and possibly also forward purchases in anticipation of higher prices advanced 24.1 per cent to \$43,705,905, and exports, reflecting the greater production in Canada's chemical plants, gained 24.4 per cent to \$24,263,342. The United States supplied 70.2 per cent of the imports in 1939 as against 63.5 per cent in 1938, while shipments from the United Kingdom made up only 16.9 per cent compared with 19.7 per cent in 1938. Forty per cent of the exports in 1939 went to United States, 23.6 per cent to the United Kingdom and 36.4 per cent to other countries.

Average    Gross sell- ing value      No. of plants    Capital employed plants    Salaries employees    Gost of and verges    Gross sell- ing value      Industry    plants    employed plants    Salaries employees    Cost of at works    ing value of products at works      Industry    plants    Salaries    Cost of at works    ing value      Industry    plants    Salaries    Cost of at works    ing value      Industry    plants    Salaries    Salaries    at works    at works      Industry    Plants    Salaries    Salaries    Salaries    Salaries      Coll tar distillation    10    4,780,847    257    356,564    1,742,556    2,835,537      Acids, alkalies and salts    Salaries    Salaries    Salaries    Salaries    Salaries      Compressed gase     171    25,559,341    4,270    5,690,983    8,566,007    24,556,474      Paints, plgments and varniches    109    15,346,866    2,273    2,942,456    9,224,150    13,241,935      Coil tar distil	IN CANADA, BY INDUSTRIES, 1938 and 1939									
Industry    plants    employed    of employees    and    materials    of products      1    2    3    3    3    3      1    2    3    3    3    3      1    2    3    <				Average			Gross sell-			
ployees    wages    at works    at works      \$    \$    \$    \$    \$      \$    \$    \$    \$    \$      L958    \$    \$    \$    \$      Acids, alkalies and salts    24    \$2,254,725    2.991    4,571,579    5,223,443    20,476,578      Compreshed gases    20    4,938,766    654    1,018,684    506,007    5,753,600      Fertilizers    21    7,155,945    1,232    1,560,873    8,344,853    12,841,300      Medicinals and pharma- ceuticals    171    23,508,341    4,270    5,690,823    8,566,007    24,536,474      Paints, pigaents and varmishes    171    23,508,341    4,270    5,090,823    8,566,007    24,536,474      Soaps and washing compounds    109    15,346,856    2,273    2,942,456    9,224,150    15,241,985      Totke    109    15,346,856    2,273    2,942,456    9,224,150    15,241,985      Totke    109    2,560,263    163	No	o. of	Capital	number	Salaries	Cost of	ing value			
ployees    wages    at works    at works      \$    \$    \$    \$    \$    \$    \$      L258    \$    \$    \$    \$    \$    \$    \$    \$      Acids, alkalies and salts    24    32,254,723    2,991    4,571,579    5,223,443    20,476,578    \$	Industry p	lants	employed	of em-	and	materials	of products			
1936    Coal tar distillation.  10  4,780,847  257  356,564  1,742,366  2,895,237    Acids, alkalies and salts  24  32,254,723  2,991  4,571,579  5,223,443  20,476,578    Compressed gases  30  4,938,766  654  1,018,684  506,003  5,753,600    Fertilizers  26  17,155,945  1,232  1,560,873  8,344,353  12,841,300    Medicinals and pharma- ceutoals  171  23,506,341  4,270  5,690,923  8,566,007  24,536,474    Paints, pigaents and varnishes  67  24,252,456  3,412  5,003,001  11,333,307  24,317,532    Soaps and wasiing compounds  109  13,346,356  2,273  2,942,456  9,224,150  13,241,985    Toilet proparations  83  5,649,460  1,123  1,247,027  2,574,579  6,651,167    Inks  19  2,560,263  415  496,950  851,529  1,904,253    Poilsas and dressings  52  2,485,993  498  601,172  1,484,658  3,036,258    Miscellaneous  143 <td></td> <td></td> <td></td> <td>ployees</td> <td>wages</td> <td>at works</td> <td>at works</td>				ployees	wages	at works	at works			
Coal tar distillation.  10  4,780,847  257  356,564  1,742,366  2,895,237    Acids, alkalies and salts  24  32,254,723  2,991  4,571,579  5,223,443  20,476,578    Compressed gases  30  4,938,766  654  1,018,694  506,003  3,753,600    Fertilizers  26  17,155,945  1,232  1,560,875  8,544,853  12,841,300    Medicinals and pharma- ceaticals  26  17,155,945  1,232  1,560,875  8,546,6007  24,536,474    Paints, pigments and varnishes  67  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soapa and washing compounds  109  13,346,656  2,273  2,942,456  9,224,150  13,241,965    Tollet preparations  85  5,648,460  1,123  1,247,027  2,574,579  6,651,167    Inks			\$		Ş	\$	\$			
Coal tar distillation.  10  4,780,847  257  356,564  1,742,366  2,895,237    Acids, alkalies and salts  24  32,254,723  2,991  4,571,579  5,223,443  20,476,578    Compressed gases  30  4,938,766  654  1,018,694  506,003  3,753,600    Fertilizers  26  17,155,945  1,232  1,560,873  8,544,853  12,841,300    Medicinals and pharma- ceaticals  26  17,155,945  1,222  1,560,973  8,566,007  24,536,474    Paints, pigments and varnishes  67  24,252,436  3,412  5,003,001  11,333,307  24,517,532    Soapa and washing compounds  109  13,346,656  2,273  2,942,456  9,224,150  13,241,965    Tollet preparations  85  5,648,460  1,123  1,247,027  2,574,579  6,651,627    Inks							-			
Acids, alkalies and salts  24  32,254,723  2,991  4,571,579  5,223,443  20,476,578    Compressed gases  30  4,983,766  654  1,018,694  506,003  3,753,600    Fertilizers  26  17,155,945  1,232  1,560,875  8,344,353  12,841,300    Medicinals and pharma- ceuticals  171  25,508,341  4,270  5,690,823  8,566,007  24,536,474    Paints, pigments and varniches  87  24,252,436  3,412  5,003,001  11,333,507  24,317,532    Soaps and washing compounds  109  13,346,856  2,273  2,942,456  9,224,150  13,241,985    Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,651,167    Inks	1338									
Acids, alkalies and salts  24  32,254,723  2,991  4,571,579  5,223,443  20,476,578    Compressed gases  30  4,983,766  654  1,018,694  506,003  3,753,600    Fertilizers  26  17,155,945  1,232  1,560,875  8,344,353  12,841,300    Medicinals and pharma- ceuticals  171  25,508,341  4,270  5,690,823  8,566,007  24,536,474    Paints, pigments and varniches  87  24,252,436  3,412  5,003,001  11,333,507  24,317,532    Soaps and washing compounds  109  13,346,856  2,273  2,942,456  9,224,150  13,241,985    Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,651,167    Inks	Coal tar distillation.	10	4,780,847	257	356,564	1,742,366	2,895,237			
salts  24  32,254,723  2,931  4,571,579  5,223,443  20,476,578    Compressed gases  30  4,353,763  654  1,018,694  506,003  3,755,600    Medicinals and pharmaceuticars  26  17,155,945  1,232  1,560,875  8,344,853  12,841,300    Medicinals and pharmaceuticars  171  23,508,341  4,270  5,690,823  8,566,007  24,536,474    Paints, pigments and  varniches  67  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing  67  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing  67  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing  109  13,346,856  2,273  2,942,456  9,224,150  13,241,965    Toilet preparations  83  5,643,460  1,123  1,247,027  2,574,579  6,851,167    Inks  1,559,563  168  156,622  376,755  682,269  Adhesives  1,92,4283  A006,253    Miscellaneou										
Compressed gases  30  4,938,766  654  1,018,694  506,003  3,753,600    Fertilizers  26  17,155,945  1,232  1,560,873  8,544,853  12,841,300    Medicinals and pharma- ceuticals  171  23,508,341  4,270  5,690,823  8,566,007  24,536,474    Paints, pigments and varnishes  67  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing compounds  109  13,346,356  2,273  2,942,456  9,224,150  13,241,985    Toilst preparations  85  5,648,460  1,123  1,247,027  2,574,579  6,851,167    Inks  109  13,346,656  2,273  2,942,456  9,224,150  13,241,985    Toilst preparations  83  2,764,654  50  913,555  1,250,000  3,180,990    Wood distillation  5  1,589,593  168  126,882  375,763  682,269    Adhesives  19  2,580,263  415  496,950  851,529  1,904,253    Polishes and dressings  52  2,485,993  498  6		24	32.254.723	2,991	4.571.579	5,223,443	20,476,578			
Fertilizers  26  17,155,945  1,232  1,560,673  8,544,853  12,841,300    Medicinals and pharma- ceuticals  171  23,508,341  4,270  5,690,823  8,566,007  24,536,474    Paints, pigments and varniches  87  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing compounds  109  13,346,356  2,273  2,942,456  9,224,150  13,241,965    Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,851,167    Inxs  31  2,764,654  530  918,555  1,529,000  3,180,990    Wood distillation  5  1,559,593  168  136,822  373,763  682,269    Adhesives  19  2,560,263  415  406,950  851,529  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,036,253    Miscellaneous  145  25,989,719  4,073  5,026,018  9,233,464  25,361,669    TOTAL  790  161,266,588  21,896  29,770,517<										
Medicinals and pharma- cetticals							· · ·			
ceuticals  171  23,508,341  4,270  5,690,826  8,566,007  24,536,474    Paints, pigments and  varnishes  87  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing  compounds  109  13,346,856  2,273  2,942,456  9,224,150  13,241,985    Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,851,167    Inks										
Paints, pigments and varnishes  87  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing compounds  109  13,346,356  2,273  2,942,456  9,224,150  13,241,985    Toilet proparations  83  5,649,460  1,123  1,247,027  2,574,579  6,651,167    Inks  31  2,764,654  530  918,535  1,250,000  3,180,990    Wood distillation  5  1,559,533  168  136,822  373,763  682,269    Adhesives  19  2,580,263  415  496,950  851,525  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,926,018  9,239,464  25,361,669    TOTAL  790  161,266,586  21,396  29,570,517  60,714,102  146,139,312    L  9.5  36,932,982  3,080  5,034,898  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,103		171	23,508,341	4,270	5,690,826	8,566,007	24,536,474			
varnishes  87  24,252,436  3,412  5,003,001  11,333,307  24,317,532    Soaps and washing  109  13,346,356  2,273  2,942,456  9,224,150  13,241,985    Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,651,167    Inks  31  2,764,654  530  918,535  1,250,000  3,180,990    Wood distillation  5  1,559,533  168  136,822  375,763  682,269    Adhesives  19  2,580,263  415  496,950  851,552  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,233,464  25,361,669    TOTAL  790  161,266,586  21,896  29,570,517  60,714,102  146,159,312    Acids, alkalies and  25  36,983,982  5,080  5,034,698  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,108  4,0	Paints, pigments and									
compounds  109  13,346,356  2,273  2,942,456  9,224,150  13,241,985    Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,851,167    Inks  31  2,764,654  530  918,535  1,250,000  3,180,990    Wood distillation  5  1,559,533  168  136,622  375,763  682,269    Adhesives  19  2,580,263  415  496,950  851,529  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,233,464  25,361,669    TOTAL  790  161,266,586  21,396  29,570,517  60,714,102  146,139,312    L  9  3  5,601,069  672  1,037,718  501,108  4,009,829    Fertilizers  26  17,597,017  1,212  1,816,352  8,155,856  13,177,738    Medicinals and pharma-  26  17,597,017  1,212  1,816,352  9,735,606  26,839,		87	24,252,436	3,412	5,003,001	11,333,307	24, 317, 532			
Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,851,167    Inks  31  2,764,654  530  918,535  1,250,000  3,180,990    Wood distillation  5  1,559,533  168  136,822  373,763  682,269    Adhesives  19  2,580,263  415  496,950  851,529  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,233,464  25,361,669    TOTAL  790  161,266,586  21,396  29,570,517  60,714,102  146,139,312    L9  5  36,963,982  3,080  5,034,898  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,108  4,009,829    Fertlizers  26  17,597,017  1,212  1,816,352  8,155,836  13,177,738    Medicinals and pharma-  26  17,597,017  1,212  1,816,352  9,735,606  26,839,409	Soaps and washing									
Toilet preparations  83  5,648,460  1,123  1,247,027  2,574,579  6,851,167    Inks  31  2,764,654  530  918,535  1,250,000  3,180,990    Wood distillation  5  1,559,533  168  136,822  373,763  682,269    Adhesives  19  2,580,263  415  496,950  851,529  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,444,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,239,464  25,361,669    TOTAL  790  161,266,586  21,896  29,570,517  60,714,102  146,139,312    L9 3 9  Coal tar distillation  10  4,886,988  297  377,034  2,271,975  3,462,590    Acids, alkalies and  salts	compounds	109	13,346,856	2,273	2,942,456	9,224,150	13,241,985			
Wood distillation  5  1,559,533  168  136,822  375,763  682,269    Adhesives  19  2,580,263  415  496,950  851,529  1,904,253    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,239,464  25,361,669    TOTAL  790  161,266,586  21,396  29,570,517  60,714,102  146,139,312    I 9 3 9    Coal tar distillation  10  4,886,988  297  377,034  2,271,975  3,462,590    Acids, alkalies and  31  5,501,069  672  1,037,718  501,108  4,009,829    Fertilizers  26  17,597,017  1,212  1,816,352  8,155,836  13,177,738    Medicinals and pharmaceuticals  169  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing  109  14,888,650		83	5,648,460	1,123	1,247,027	2,574,579	6,851,167			
Adhesives  19  2,580,263  415  496,950  851,529  1,904,259    Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,233,464  25,361,669    TOTAL  790  161,266,586  21,396  29,570,517  60,714,102  146,139,312    Coal tar distillation  10  4,886,988  297  377,034  2,271,975  3,462,590    Acids, alkalies and salts  25  36,963,982  3,080  5,034,898  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,108  4,009,829    Fertilizers  26  17,597,017  1,212  1,816,352  8,155,836  13,177,738    Medicinals and pharmaceuticals  169  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing  109  14,888,650  2,400  3	Inks	31	2,764,654	530	918,535	1,250,000	3,180,990			
Polishes and dressings  52  2,485,993  498  601,172  1,484,638  3,096,253    Miscellaneous  143  25,989,719  4,073  5,026,018  9,239,464  25,361,669    TOTAL  790  161,266,586  21,896  29,570,517  60,714,102  146,139,312    L9.3 9  Coal tar distillation  10  4,886,988  297  377,034  2,271,975  3,462,590    Acids, alkalies and salts  25  36,983,982  3,080  5,034,898  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,103  4,009,829    Fertilizers  26  17,597,017  1,212  1,816,352  8,155,856  13,177,738    Medicinals and pharma-  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing  09  14,888,650  2,400  3,219,247  9,124,888  20,092,954    Toilet preparations  82  5,752,312  1,023	Wood distillation	5	1,559,583	168	136,822	373,763	682,269			
Miscellaneous  143  25,989,719  4,073  5,026,018  9,239,464  25,361,669    TOTAL  790  161,266,586  21,896  29,570,517  60,714,102  146,139,312    1939  200  200  200,714,102  146,139,312  200,714,102  146,139,312    10  4,886,988  297  377,034  2,271,975  3,462,590    Acids, alkalies and salts  25  36,983,982  3,080  5,034,898  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,103  4,009,829    Fertilizers  26  17,597,017  1,212  1,816,352  8,155,836  13,177,738    Medicinals and pharma- ceuticals  169  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and varnishes  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing compounds  109  14,888,650  2,400  3,219,247  9,124,888  20,092,954    Toilet preparations  82  5,752,312  1,023  1,198,	Adhesives	19	2,580,263	415	496,950	851,529	1,904,253			
TOTAL790161,266,58621,89629,570,51760,714,102146,139,312 <b>1939</b> Coal tar distillation.104,886,988297377,0342,271,9753,462,590Acids, alkalies and salts2536,983,9823,0805,034,8985,785,61623,058,674Compressed gases315,501,0696721,037,718501,1084,009,829Fertilizers2617,597,0171,2121,816,3528,155,83613,177,738Medicinals and pharma- ceuticals16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations825,752,3121,0231,198,4432,639,4526,621,920Inks	Polishes and dressings	52	2,485,993	498	601,172	1,484,638	3,096,253			
1939    Coal tar distillation.  10  4,886,988  297  377,034  2,271,975  3,462,590    Acids, alkalies and salts  25  36,983,982  3,080  5,034,898  5,785,616  23,058,674    Compressed gases  31  5,501,069  672  1,037,718  501,108  4,009,829    Fertilizers  26  17,597,017  1,212  1,816,352  8,155,836  13,177,738    Medicinals and pharma- ceuticals  169  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and varnishes  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing compounds  109  14,888,650  2,400  3,219,247  9,124,888  20,092,954    Toilet preparations  82  5,752,312  1,023  1,198,443  2,639,452  6,621,920    Inks	Miscellaneous	143	25,989,719	4,073	5,026,018	9,239,464	23,361,669			
Coal tar distillation.104,886,988297377,0342,271,9753,462,590Acids, alkalies and salts2536,983,9823,0805,034,8985,785,61623,058,674Compressed gases315,501,0696721,037,718501,1084,009,829Fertilizers2617,597,0171,2121,816,3528,155,83613,177,738Medicinals and pharma- ceuticals16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds	TOTAL	790	161,266,586	21,896	29,570,517	60,714,102	146,139,312			
Coal tar distillation.104,886,988297377,0342,271,9753,462,590Acids, alkalies and salts2536,983,9823,0805,034,8985,785,61623,058,674Compressed gases315,501,0696721,037,718501,1084,009,829Fertilizers2617,597,0171,2121,816,3528,155,83613,177,738Medicinals and pharma- ceuticals16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds	DETONICE NO DE LA DE				the second s					
Coal tar distillation.104,886,988297377,0342,271,9753,462,590Acids, alkalies and salts2536,983,9823,0805,034,8985,785,61623,058,674Compressed gases315,501,0696721,037,718501,1084,009,829Fertilizers2617,597,0171,2121,816,3528,155,83613,177,738Medicinals and pharma- ceuticals16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds	1939									
Acids, alkalies and salts		10	4,886,988	297	377.034	2.271.975	3,462,590			
salts2536,983,9823,0805,034,8985,785,61623,058,674Compressed gases315,501,0696721,037,718501,1084,009,829Fertilizers2617,597,0171,2121,816,3528,155,83613,177,738Medicinals and pharma- ceuticals16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations. 825,752,3121,0231,193,4432,639,4526,621,920Inks		70	1,000,000		011,001		0,100,000			
Compressed gases 315,501,0696721,037,718501,1084,009,829Fertilizers 2617,597,0171,2121,816,3528,155,83613,177,738Medicinals and pharma- ceuticals 16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes 9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds 10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations		25	36.983.982	3.080	5.034.898	5.785.616	23.058.674			
Fertilizers  26  17,597,017  1,212  1,816,352  8,155,856  13,177,738    Medicinals and pharma-  ceuticals  169  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and  varnishes  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing  compounds  109  14,888,650  2,400  3,219,247  9,124,888  20,092,954    Toilet preparations  82  5,752,312  1,023  1,193,443  2,639,452  6,621,920    Inks										
Medicinals and pharma- ceuticals  169  24,903,291  4,338  5,816,735  9,735,606  26,839,409    Paints, pigments and varnishes  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing compounds  109  14,888,650  2,400  3,219,247  9,124,888  20,092,954    Toilet preparations  82  5,752,312  1,023  1,198,443  2,639,452  6,621,920    Inks										
ceuticals16924,903,2914,3385,816,7359,735,60626,839,409Paints, pigments and varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washing compounds10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations		100	1,,00,,01,		-,010,000	0,100,000				
Paints, pigments and varnishes  91  25,317,250  3,454  5,206,666  11,964,578  25,436,810    Soaps and washing compounds  109  14,888,650  2,400  3,219,247  9,124,888  20,092,954    Toilet preparations  82  5,752,312  1,023  1,198,443  2,639,452  6,621,920    Inks		169	24.903.291	4.338	5,816,735	9.735.606	26,839,409			
varnishes9125,317,2503,4545,206,66611,964,57825,436,810Soaps and washingcompoundscompounds10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations825,752,3121,0231,193,4432,639,4526,621,920Inks		200		-,000	.,,	.,,	,,,			
Soaps and washing compounds10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations </td <td></td> <td>91</td> <td>25.317.250</td> <td>3,454</td> <td>5.206.666</td> <td>11.964.578</td> <td>25.436.810</td>		91	25.317.250	3,454	5.206.666	11.964.578	25.436.810			
compounds10914,888,6502,4003,219,2479,124,88820,092,954Toilet preparations825,752,3121,0231,198,4432,639,4526,621,920Inks322,995,002544958,2641,443,4923,437,703			, , , , , , , , , , , , , , , , , , , ,				, , , , , , , , , , , , , , , , , , , ,			
Toilet preparations825,752,3121,0231,198,4432,639,4526,621,920Inks	-	109	14.888.650	2,400	3,219,247	9.124.888	20.092.954			
Inks 32 2,995,002 544 958,264 1,443,492 3,437,703										
Mardwood distillation. 5 1,552,756 179 146,541 415,873 757,675	Hardwood distillation.	5	1,552,756	179	146,541	415,873	757,673			
Adhesives 19 2,720,122 425 515,076 906,991 2,057,280										
Polishes and dressings 51 2,460,501 467 552,150 1,351,441 2,967,546										
Miscellaneous 147 25,114,095 4,197 5,409,485 10,020,750 25,506,933										
TOTAL 797 170,673,035 22,288 31,283,609 64,317,606 157,407,059	TOTUT	(3)	±10,015,055	66,600	JI, 200,003	04,017,006	TOL' FOL' 092			

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA. BY INDUSTRIES, 1938 and 1939

IN CANADA, BY PROVINCES, 1938 and 1939										
			Average			Gross sell-				
N	o. of	Capital	number	Salaries	Cost of	ing value				
Province p	lants	employed	of em-	and	materials	of products				
			ployees	wages	at works	at works				
		\$		Ş	\$	\$				
1050										
1938										
Nova Scotia and										
Prince Edward Island	14	2,266,874	286	333,711	1,438,705	2,518,550				
New Brunswick	7	1,613,371	153	217,987	1,365,043	1,891,048				
Quebec	243	57,334,597	7,947	10,110,553	13,042,543	44,675,929				
Ontario	412	79,890,812	11,418	16,100,275	33,666,397	82,195,824				
Manitoba	40	4,773,005	640	774,985	1,913,358	4,221,983				
Saskatchewan	8	484,596	71	88,088	127, 325	308,192				
Alberta	17	503,283	97	94,969	236,629	641,964				
British Columbia	49	14,400,048	1,284	1,849,949	3,924,102	9,635,822				
CANADA	790	161,266,586	21,896	29, 570, 517	60,714,102	146,139,312				
1939										
Nova Scotla and										
Prince Edward Island	14	2,560,778	306	358,193	1,459,951	2,501,268				
New Brunswick	7	1,716,902	172	237,218	1,409,710	2,270,534				
Quebec	246	60,396,525	8,211	10,801,387	19,743,766	47,590,580				
Ontario	420	85,132,266	11,534	16,885,158	35, 365, 413	89,227,731				
Manitoba	38	4,903,173	622	772,308	2,043,235	4,390,050				
Saskatchewan	7	502,427	67	104,589	152,452	332,858				
Alberta	18	637,903	103	110,798	226,288	642,993				
British Columbia	47	14,823,061	1,273	2,018,958	3,911,731	10,451,045				
CANADA	797	170,673,035	22,288	31,288,609	64,317,606	157,407,059				

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS

- 3 -

