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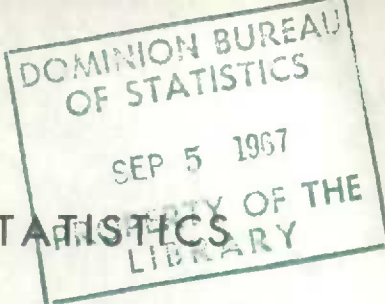
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# DOMINION BUREAU OF STATISTICS

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## CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES

### Preliminary Summary Statistics - 1966

Factory shipments reported by the Chemical and Chemical Products Industries group in 1966 were valued at \$2,150.7 millions, an increase of approximately \$177.4 millions or about 9.0 per cent over the comparable 1965 total of \$1,973.3 millions.

In 1966, there were 1,145 operating establishments in this group and they employed 73,966 persons (see footnote) who were paid \$450.6 millions in salaries and wages. Materials for use in manufacturing cost \$978.1 millions and fuel and electricity cost \$82.0 millions.

Imports of Chemicals and Chemical Products totalled \$544.9 millions during 1966 compared with \$520.9 millions in the previous year. Exports during 1966 amounted to \$380.4 millions compared with \$342.1 millions in 1965.

As a result of a change in the treatment of head office statistics as well as a change in the method of handling certain classes of sales and other personnel, the figures for number of employees and salaries and wages for the period 1961-66 are not exactly comparable with previous years. For the most part the figures for 1960 and prior years cover only production and office and administrative employees at plant along with some head office employees. The figures for the period 1961-66 reflect a total activity basis and, therefore, include employees in both the manufacturing and non-manufacturing activities at all locations. The regular industry reports for 1962 and subsequent years contain full details on total activity, including sales and other operations.

As a result of changes brought about by the introduction of the new Standard Industrial Classification in 1960, and further, by changes in reporting procedures based on the new "establishment" concept (both reviewed in previous reports) the statistics for the period 1957-66 as presented in Table 1, Section B, of this report are not exactly comparable with those published for 1959 and earlier years shown in Table 1, Section A.

Manufacturing and Primary Industries Division

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TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group,  
Significant Years 1920-65 and by Industries, 1965 and 1966

Year and industry	Es- tablish- ments	Em- ployees	Salaries and wages	Cost of fuel and elec- tricity at plant	Cost at plant of materials used	Value of factory shipments
	number			thousands of dollars		
<u>Basis: Standard industrial classification in use prior to 1960</u>			<u>Section A</u>			
1920 .....	451	16,651	20,695	3,259	58,550	117,831
1925 .....	510	14,128	17,887	3,274	42,855	99,393
1929 .....	557	16,694	22,639	4,575	55,184	138,545
1933 .....	696	15,397	18,739	3,155	34,272	92,821
1937 .....	754	21,968	28,613	5,222	64,461	148,973
1939 .....	808	22,595	31,568	5,259	65,231	159,537
1943 .....	945	92,288	146,677	17,653	368,111	765,218
1946 .....	1,021	37,378	66,538	13,340	159,308	376,288
1949 .....	1,037	41,326	100,691	19,218	280,009	587,398
1952 .....	1,075	47,694	148,076	24,656	357,818	796,562
1953 .....	1,105	50,207	164,591	29,541	403,686	881,503
1954 .....	1,116	51,603	177,312	32,213	437,051	935,725
1955 .....	1,126	51,856	185,268	33,086	480,104	1,044,079
1956 .....	1,131	52,821	200,743	36,639	527,564	1,111,233
1957 .....	1,137	54,708	222,044	42,102	565,746	1,203,411
1958 .....	1,143	54,570	233,819	47,837	589,316	1,293,332
1959 .....	1,137	54,782	243,218	50,592	627,366	1,378,211
<u>Basis: Revised standard industrial classification and new establishment concept</u>			<u>Section B-1</u>			
1957 .....	1,049	53,474	217,801	42,525	519,789	1,134,201
1958 .....	1,045	53,518	230,775	48,276	550,373	1,233,236
1959 .....	1,042	53,620	239,126	50,877	584,260	1,309,884
1960 .....	1,063	53,840	251,909	54,086	585,691	1,357,391
			<u>Section B-2</u>			
1961 .....	1,067	63,357	318,709	54,660	623,024	1,435,752
1962 .....	1,080	63,905	332,577	56,047	666,324	1,543,081
1963 .....	1,093	65,494	355,064	59,897	719,704	1,644,786
1964 .....	1,140	67,433	377,408	63,677	797,816	1,797,952

TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group,  
Significant Years 1920-1965 and by Industries, 1965 and 1966 - Concluded

Year and industry	Es- tablish- ments	Em- ployees	Salaries and wages	Cost of fuel and elec- tricity at plant	Cost at plant of materials used	Value of factory shipments
	number			thousands of dollars		
1965 (final)			Section B - Concluded			
Explosives and ammunition manufacturers .....	15	4,140	20,529	1,777	28,696	74,027
Manufacturers of mixed fertilizers .....	68	1,968	10,038	1,491	66,315	88,714
Manufacturers of plastics and synthetic resins ...	34	3,825	23,920	4,451	79,873	155,483
Manufacturers of pharma- ceuticals and medicines	162	11,137	62,098	1,382	77,502	237,771
Paint and varnish manu- facturers .....	150	7,824	42,180	1,190	99,523	193,561
Manufacturers of soap and cleaning compounds .....	134	5,688	35,526	1,808	94,933	198,076
Manufacturers of toilet preparations .....	67	4,426	20,540	323	34,773	103,750
Manufacturers of industrial chemicals ...	134	18,899	118,259	54,539	281,040	685,437
Manufacturers of printing inks .....	37	1,242	7,320	247	11,042	22,918
Other chemical industries, n.e.s. ....	317	7,558	40,503	2,741	114,514	213,582
Head offices .....	-	4,268	31,488	-	-	-
Totals .....	1,118	70,975	412,401	69,949	888,211	1,973,319
1966 (preliminary)						
Explosives and ammunition manufacturers .....	15	4,490	23,482	2,184	34,939	90,720
Manufacturers of mixed fertilizers .....	68	2,100	10,960	1,607	74,493	98,520
Manufacturers of plastics and synthetic resins ...	36	4,059	26,856	4,826	84,576	157,903
Manufacturers of pharma- ceuticals and medicines	163	11,742	67,857	1,596	90,433	262,334
Paint and varnish manu- facturers .....	156	7,766	43,348	1,276	104,775	196,294
Manufacturers of soap and cleaning compounds .....	138	5,855	38,287	1,907	102,273	211,968
Manufacturers of toilet preparations .....	69	4,688	22,638	349	38,971	112,949
Manufacturers of indus- trial chemicals .....	134	19,652	132,098	64,885	315,058	763,480
Manufacturers of printing inks .....	38	1,249	7,754	258	12,124	25,558
Other chemical industries, n.e.s. ....	328	8,097	45,898	3,152	120,489	230,935
Head offices .....	-	4,268	31,488	-	-	-
Totals .....	1,145	73,966	450,666	82,040	978,131	2,150,661





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TABLE 2. Principal Statistics for the Chemical and Chemical Products Industries Group, by Provinces, 1965 and 1966

	Es- tablish- ments	Em- ployees	Salaries and wages	Cost of fuel and elec- tricity at plant	Cost at plant of materials used	Value of factory shipments
	number			thousands of dollars		
<u>1965 (final)</u>						
Newfoundland and Prince Edward Island ...	6	141	640	46	3,208	5,117
Nova Scotia .....	15	251	1,236	174	2,989	6,739
New Brunswick .....	13	269	1,357	715	5,992	11,404
Quebec .....	331	22,317	122,616	15,733	224,102	537,457
Ontario .....	567	37,220	218,267	43,602	552,806	1,194,544
Manitoba .....	34	793	3,647	229	12,762	22,026
Saskatchewan .....	12	217	1,165	320	5,720	6,617
Alberta .....	36	2,334	14,275	4,813	36,009	91,278
British Columbia .....	104	3,165	17,710	4,317	44,623	98,137
Head offices .....	-	4,268	31,488	-	-	-
Canada .....	1,118	70,975	412,401	69,949	888,211	1,973,319
<u>1966 (preliminary)</u>						
Newfoundland and Prince Edward Island ...	6	148	663	46	4,055	6,498
Nova Scotia .....	14	258	1,212	185	3,448	6,724
New Brunswick .....	16	359	1,644	951	7,476	13,540
Quebec .....	334	23,257	133,340	16,668	244,114	578,456
Ontario .....	580	38,885	241,706	49,952	610,865	1,301,654
Manitoba .....	36	855	4,022	285	13,530	23,205
Saskatchewan .....	12	258	1,514	381	9,101	11,632
Alberta .....	42	2,582	16,381	5,198	40,663	105,689
British Columbia .....	105	3,096	18,695	8,375	44,877	103,262
Head offices .....	-	4,268	31,488	-	-	-
Canada .....	1,145	73,966	450,666	82,040	978,131	2,150,661