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## CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES

Preliminary Summary Statistics 1/1965

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 1957-65 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.

The 1962 and subsequent years industry reports will contain details of revisions and differences in comparability will also be accounted for.

Factory shipments reported by the Chemical and Chemical Products Industries group in 1965 were valued at \$1,918.9 millions, an increase of approximately \$120.9 millions or about 6.7 per cent over the comparable 1964 total of \$1,798.0 millions.

In 1965, there were 1,102 operating establishments in this group and they employed 69,133 persons (see footnote) who were paid \$399.1 millions in salaries and wages. Materials for use in manufacturing cost \$867.5 millions and fuel and electricity cost \$69.6 millions.

Imports of Chemicals and Chemical Products totalled \$520.9 millions during 1965 compared with \$454.5 millions in the previous year. Exports during 1965 amounted to \$342.1 millions compared with \$314.1 millions in 1964.

Note: 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 1961-65 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 1961-65 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 will carry full details on total activity including sales and other operations.

Industry Division

July 1966  
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TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group,  
Significant Years 1920-65 and by Industries, 1964 and 1965

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	
Basis: Standard industrial classification in use prior to 1960:			<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
Basis: Revised standard industrial classification and new establishment concept:			<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

TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group, Significant Years 1920-1965 and by Industries, 1964 and 1965 - 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		
<u>1964 (final):</u>			<u>Section B - Concluded</u>			
Explosives and ammunition manufacturers .....	16	3,778	19,187	1,823	26,784	66,993
Manufacturers of mixed fertilizers .....	61	1,752	8,701	1,270	59,948	80,026
Manufacturers of plastics and synthetic resins ...	34	3,769	22,745	4,238	76,098	155,698
Manufacturers of pharma- ceuticals and medicines	175	10,644	56,124	1,288	62,164	207,016
Paint and varnish manu- facturers .....	151	7,738	38,845	1,150	94,824	183,843
Manufacturers of soap and cleaning compounds .....	140	5,677	33,824	1,717	88,569	182,651
Manufacturers of toilet preparations .....	66	4,044	18,229	303	30,375	90,169
Manufacturers of industrial chemicals ...	132	18,045	109,190	49,075	247,626	617,570
Manufacturers of printing inks .....	37	1,242	6,876	220	10,009	20,959
Other chemical industries, n.e.s. ....	328	7,155	37,127	2,593	101,419	193,027
Head offices .....	-	3,589	26,560	-	-	-
Totals .....	1,140	67,433	377,408	63,677	797,816	1,797,952
<u>1965 (preliminary):</u>						
Explosives and ammunition manufacturers .....	15	3,656	18,594	1,729	25,008	64,138
Manufacturers of mixed fertilizers .....	63	1,873	9,382	1,411	65,551	82,718
Manufacturers of plastics and synthetic resins ...	32	4,057	24,830	4,415	84,040	151,405
Manufacturers of pharma- ceuticals and medicines	161	11,091	60,852	1,308	72,247	229,842
Paint and varnish manu- facturers .....	148	7,244	39,264	1,185	94,888	182,478
Manufacturers of soap and cleaning compounds .....	128	5,856	35,588	1,807	92,704	196,293
Manufacturers of toilet preparations .....	65	4,238	19,608	300	32,103	98,615
Manufacturers of indus- trial chemicals .....	137	18,892	118,123	54,311	277,396	666,160
Manufacturers of printing inks .....	38	1,299	7,598	254	10,972	24,397
Other chemical industries, n.e.s. ....	315	7,338	38,705	2,834	112,558	222,890
Head offices .....	-	3,589	26,560	-	-	-
Totals .....	1,102	69,133	399,103	69,553	867,467	1,918,935



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TABLE 2. Principal Statistics for the Chemical and Chemical Products Industries Group,  
by Provinces, 1964 and 1965

	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>1964 (final):</u>						
Newfoundland and Prince Edward Island ...	7	138	588	42	3,025	4,534
Nova Scotia .....	15	252	1,130	117	3,309	6,287
New Brunswick .....	11	267	1,236	507	5,436	9,267
Quebec .....	346	21,174	113,650	14,554	205,366	496,555
Ontario .....	564	35,966	201,894	40,017	494,258	1,083,201
Manitoba .....	37	805	3,574	190	10,733	20,187
Saskatchewan .....	12	171	894	125	2,610	3,595
Alberta .....	38	2,088	12,478	4,187	31,290	84,811
British Columbia .....	110	2,983	15,404	3,937	41,788	89,513
Head offices .....	-	3,589	26,560	-	-	-
Canada .....	1,140	67,433	377,408	63,677	797,816	1,797,951
<u>1965 (preliminary):</u>						
Newfoundland and Prince Edward Island ...	6	138	617	46	3,352	5,014
Nova Scotia .....	15	257	1,225	181	3,427	6,512
New Brunswick .....	12	279	1,289	528	5,743	10,384
Quebec .....	337	21,729	119,478	15,545	215,705	507,367
Ontario .....	545	36,874	214,701	43,663	546,488	1,190,165
Manitoba .....	34	742	3,340	213	11,969	22,570
Saskatchewan .....	12	190	954	266	3,542	4,902
Alberta .....	37	2,334	14,193	4,810	35,427	88,790
British Columbia .....	104	3,001	16,745	4,301	41,814	83,231
Head offices .....	-	3,589	26,560	-	-	-
Canada .....	1,102	69,133	399,103	69,553	867,467	1,918,935