

CATALOGUE No.

46-217

ANNUAL

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Price: 25 cents a copy

CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES

Preliminary Summary Statistics - 1964

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 1957-64 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 1964 were valued at \$1,789.7 millions, an increase of approximately \$144.9 millions or about 8.8 per cent over the comparable 1963 total of \$1,644.8 millions.

In 1964, there were 1,127 operating establishments in this group and they employed 64,106 persons (see footnote) who were paid \$348.3 millions in salaries and wages. Materials for use in manufacturing cost \$790.2 millions and fuel and electricity cost \$63.7 millions.

Imports of Chemicals and Chemical Products totalled \$454.5 millions during 1964 compared with \$410.3 millions in the previous year. Exports during 1964 amounted to \$314.1 millions compared with \$272.8 millions in 1963.

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 1961-64 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 1961-64 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 1965
6521-794

TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group, Significant Years 1920-64 and by Industries, 1963 and 1964

Year and industry	Estab-lish-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				A		
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				B-1		
1957	1,123	53,986	218,998	41,287	512,831	1,139,898
1958	1,125	53,852	230,686	46,952	540,867	1,235,582
1959	1,125	54,253	241,048	50,493	579,800	1,323,859
1960	1,143	54,269	253,231	54,894	582,843	1,373,467
				B-2		
1961	1,072	63,357	318,709	54,694	623,944	1,443,878
1962	1,080	63,905	332,577	56,047	666,728	1,543,884

TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group, Significant Years 1920-1964 and by Industries, 1963 and 1964 - Concluded

Year and industry	Estab- lish- 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>1963 (final):</u>		B - Concluded				
Explosives and ammunition manufacturers	16	3,596	17,993	1,674	22,525	56,912
Manufacturers of mixed fertilizers	46	1,583	7,631	1,063	48,065	67,981
Manufacturers of plastics and synthetic resins ...	29	3,620	20,984	3,960	70,412	139,085
Manufacturers of pharma- ceuticals and medicines	173	10,418	52,708	1,187	54,483	193,718
Paint and varnish manu- facturers	145	7,511	36,618	1,091	85,967	171,752
Manufacturers of soap and cleaning compounds	139	5,958	33,972	1,795	86,008	180,530
Manufacturers of toilet preparations	64	3,814	16,534	255	28,047	82,272
Manufacturers of industrial chemicals ...	129	17,587	102,935	46,115	221,067	553,762
Manufacturers of printing inks	35	1,215	6,402	205	8,981	20,377
Other chemical industries, n.e.s.	317	6,852	34,396	2,552	94,150	178,398
Totals	1,093	62,154	330,173	59,897	719,704	1,644,786
<u>1964 (preliminary):</u>						
Explosives and ammunition manufacturers	16	3,785	19,346	1,832	26,883	68,193
Manufacturers of mixed fertilizers	57	1,802	8,606	1,249	59,593	78,984
Manufacturers of plastics and synthetic resins ...	31	3,818	22,343	4,211	73,057	151,782
Manufacturers of pharma- ceuticals and medicines	171	10,582	55,592	1,175	60,712	203,217
Paint and varnish manu- facturers	151	7,555	38,080	1,139	95,099	181,641
Manufacturers of soap and cleaning compounds	145	6,034	35,641	1,800	89,382	184,150
Manufacturers of toilet preparations	66	4,039	17,819	284	28,632	90,354
Manufacturers of indus- trial chemicals	131	17,696	108,039	49,145	247,047	616,372
Manufacturers of printing inks	36	1,441	6,409	212	9,587	22,107
Other chemical industries, n.e.s.	323	7,354	36,444	2,671	100,249	192,911
Totals	1,127	64,106	348,321	63,719	790,240	1,789,711



1010649910

TABLE 2. Principal Statistics for the Chemical and Chemical Products Industries Group, by Provinces, 1963 and 1964

	Estab- lish- 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>1963 (final):</u>						
Newfoundland and Prince Edward Island ...	4	134	529	35	2,622	4,383
Nova Scotia	14	252	1,132	136	3,399	6,468
New Brunswick	10	216	908	116	3,967	5,583
Quebec	342	20,790	107,155	13,557	179,114	445,648
Ontario	534	34,925	190,356	38,565	453,707	997,670
Manitoba	34	744	3,170	162	9,044	17,751
Saskatchewan	9	90	442	21	1,142	2,428
Alberta	41	2,086	12,010	3,980	29,630	81,058
British Columbia	105	2,917	14,470	3,326	37,078	83,797
Canada	1,093	62,154	330,173	59,897	719,704	1,644,786
<u>1964 (preliminary):</u>						
Newfoundland and Prince Edward Island ...	6	140	580	39	3,086	4,609
Nova Scotia	14	251	1,071	125	3,040	6,004
New Brunswick	11	269	1,204	515	5,565	9,480
Quebec	346	21,303	113,154	14,436	200,949	493,436
Ontario	555	36,094	200,586	40,141	489,797	1,078,623
Manitoba	36	795	3,466	213	11,262	20,116
Saskatchewan	11	143	762	121	2,496	3,531
Alberta	41	2,202	12,553	4,189	30,986	83,863
British Columbia	107	2,909	14,946	3,939	43,059	90,050
Canada	1,127	64,106	348,321	63,719	790,240	1,789,711