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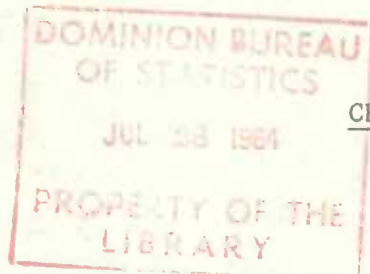
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## CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES

### Preliminary Summary Statistics - 1963

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 1957-1963 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 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 1963 were valued at \$1,638.3 millions, an increase of approximately \$94.4 millions or about 6 per cent over the comparable 1962 total of \$1,543.9 millions.

In 1963, there were 1,080 operating establishments in this group and they employed 50,879 persons who were paid \$253.5 millions in salaries and wages. Materials for use in manufacturing cost \$666.7 millions and fuel and electricity cost \$56.1 millions.

Imports of Chemicals and Chemical Products totalled \$410.3 millions during 1963 compared with \$394.7 millions in the previous year. Exports during 1963 amounted to \$272.8 millions compared with \$248.5 millions in 1962.

Industry Division

July 1964  
6521-794

TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group,  
Significant Years 1920-63 and by Industries, 1962 and 1963

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	881,505
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: Standard industrial classification revised 1960(1):				B		
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
1961 .....	1,072	52,167	254,004	54,694	623,944	1,443,878

(1) Reflecting as well implementation of new Establishment Concept.

TABLE 1. Principal Statistics for the Chemical and Chemical Products Industries Group, Significant Years 1920-1963 and by Industries, 1962 and 1963 - 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	
B - Concluded						
1962 (final):						
Explosives and ammunition manufactures .....	15	3,761	17,994	1,601	25,419	61,336
Manufacturers of mixed fertilizers .....	45	1,341	5,930	1,037	44,249	59,618
Manufacturers of plastics and synthetic resins ..	28	3,267	18,503	3,814	65,747	128,584
Manufacturers of pharma- ceuticals and medicines	167	7,577	32,898	1,085	51,684	175,249
Paint and varnish manu- facturers .....	142	5,480	24,611	1,073	79,713	160,462
Manufacturers of soap and cleaning compounds ....	136	4,946	26,836	1,725	87,713	179,057
Manufacturers of toilet preparations .....	74	2,741	10,128	266	25,431	74,825
Manufacturers of industrial chemicals ..	126	15,290	87,621	42,756	190,967	517,199
Manufacturers of printing inks .....	34	1,012	4,731	191	8,613	20,056
Other chemical indus- tries, n.e.s. ....	313	5,464	24,231	2,499	87,192	167,498
Totals .....	1,080	50,879	253,483	56,047	666,728	1,543,884
1963 (preliminary):						
Explosives and ammunition manufacturers .....	15	3,392	16,610	1,650	22,385	56,002
Manufacturers of mixed fertilizers .....	45	1,235	5,792	1,059	48,823	67,923
Manufacturers of plastics and synthetic resins ..	29	3,248	19,592	4,196	66,616	144,148
Manufacturers of pharma- ceuticals and medicines	171	7,980	36,094	1,203	53,768	191,113
Paint and varnish manu- facturers .....	141	5,198	24,526	1,098	85,053	171,075
Manufacturers of soap and cleaning compounds ....	138	4,523	24,634	1,768	86,066	176,723
Manufacturers of toilet preparations .....	71	2,927	10,858	246	27,660	81,601
Manufacturers of indus- trial chemicals .....	129	14,958	94,683	42,774	228,238	554,841
Manufacturers of printing inks .....	33	976	4,652	200	8,933	20,922
Other chemical industries n.e.s. ....	316	5,453	24,664	2,600	92,292	173,990
Totals .....	1,088	49,890	262,105	56,794	719,834	1,638,338

(1) Reflecting as well implementation of new Establishment Concept.

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 personnel, the figures for number of employees and salaries and wages for 1962 and 1963 are not exactly comparable with previous years. For the most part the 1962 and 1963 figures cover only production workers and office and administrative employees. The regular industry reports for 1962 and subsequent years will carry full details on total activity including sales and other operations.



TABLE 2. Principal Statistics for the Chemical and Chemical Products Industries Group, by Provinces, 1962 and 1963

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	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>1962 (final):</u>						
Newfoundland and Prince Edward Island ..	4	104	397	34	2,685	4,137
Nova Scotia .....	16	211	853	130	3,081	5,787
New Brunswick .....	9	139	525	64	3,793	5,335
Quebec .....	337	16,402	77,872	12,392	169,147	416,312
Ontario .....	535	29,028	148,877	36,683	417,728	936,842
Manitoba .....	34	600	2,271	151	9,323	18,588
Saskatchewan .....	8	71	277	21	1,103	2,272
Alberta .....	33	1,885	10,501	3,479	25,628	72,966
British Columbia .....	104	2,439	11,910	3,093	34,240	81,645
Canada .....	1,080	50,879	253,483	56,047	666,728	1,543,884
<u>1963 (preliminary):</u>						
Newfoundland and Prince Edward Island ..	4	102	428	35	2,622	4,383
Nova Scotia .....	15	214	867	116	3,094	6,008
New Brunswick .....	8	125	610	65	3,738	5,180
Quebec .....	339	15,305	81,994	9,835	186,078	454,717
Ontario .....	535	29,020	151,723	39,027	449,287	982,515
Manitoba .....	34	554	2,176	150	8,872	18,063
Saskatchewan .....	8	64	286	20	1,077	2,364
Alberta .....	37	2,041	11,653	4,211	30,012	81,918
British Columbia .....	108	2,465	12,368	3,335	35,054	83,190
Canada .....	1,088	49,890	262,105	56,794	719,834	1,638,338