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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL & CHEMICAL BRANCH

THE PAINTS, PIGMENTS AND
VARNISHES INDUSTRY
IN
CANADA
1943



OTTAWA
1945



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CANADA

DEPARTMENT OF TRADE AND COMMERCE

INDUSTRIAL BUREAU OF STANDARDS

OFFICE OF METROLOGY

PHYSICAL METROLOGICAL & CHEMICAL BRANCH

THE PAINTS STANDARDS AND

TESTING INDUSTRY

III

CANADA

1955

INDUSTRIAL BUREAU OF STANDARDS
OFFICE OF METROLOGY
PHYSICAL METROLOGICAL & CHEMICAL BRANCH
1200 RUELLE DU PARLAMENT
OTTAWA, CANADA



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ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1943

Manufacturers of paints, pigments and varnishes reported production at \$45,067,845 in 1943 against \$45,764,802 in 1942, a loss of 1.5 per cent.

A total of 96 plants operated in this industry during 1943, distributed by provinces as follows: 49 in Ontario, 28 in Quebec, 10 in British Columbia, 5 in Manitoba, 1 in Saskatchewan, 1 in Alberta, 1 in Nova Scotia and 1 in New Brunswick. Works in Ontario accounted for almost 44 per cent of the total production and establishments in Quebec accounted for about 43 per cent.

Capital employed by the establishments included in this group totalled \$33,330,845 as against \$33,675,532 in the previous year. The value of land, buildings and machinery was given at \$11,392,161; inventories at \$11,692,734 and cash on hand, bills and accounts receivable at \$10,245,950. About 48 per cent of the reported investment was for plants located in Quebec and 35 per cent for works in Ontario.

Total production in Canada of some of the leading items (including small amounts from other industries) was as follows in 1943; 8,232,391 gallons of ready-mixed paints at \$18,878,593; 2,673,619 gallons of varnishes at \$4,791,150, 2,245,842 gallons of enamels at \$6,278,761; 1,899,091 gallons of cellulose lacquers at \$4,463,478; 9,038,132 pounds of dry colours at \$1,267,951; 7,133,746 pounds of paste paints and fillers at \$1,203,394; 883,172 pounds of colours in japan or oil at \$203,474; 12,282,549 pounds of water paints and size at \$927,579; 360,208 gallons of stains at \$622,799; 8,955,460 pounds of putty at \$339,095; 1,231,245 gallons of pyroxylin thinners at \$1,441,317.

Table 1 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1934 - 1943

Year	Number of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1934	79	22,816,098	2,859	3,825,538	274,567	7,949,941	18,618,371
1935	80	22,709,466	3,060	4,242,116	289,845	9,610,743	20,341,407
1936	78	23,274,558	3,124	4,428,387	288,915	10,817,694	22,651,225
1937	82	23,853,360	3,324	4,827,199	305,775	12,307,011	25,531,117
1938	87	24,252,436	3,412	5,003,001	307,789	11,333,307	24,317,532
1939	93	26,348,301	3,540	5,311,616	331,316	12,080,774	25,855,506
1940	93	28,898,421	3,750	5,809,553	390,511	15,232,488	30,109,130
1941	94	31,911,306	4,225	6,843,811	454,671	21,495,593	40,183,625
1942	96	33,675,532	4,507	7,630,950	509,329	24,073,128	45,764,802
1943	96	33,330,845	4,589	8,261,723	510,175	22,754,700	45,067,845
Per cent change, 1943 from 1942	- 1.0	+ 0.4	+ 8.3	+ 0.2	- 5.5	- 1.5

Paints

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1942 and 1943.

Provinces	Number of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>1942</u>							
Quebec	28	15,888,513	1,795	2,974,729	232,297	10,371,837	19,652,027
Ontario	50	12,336,878	2,133	3,991,714	232,702	10,823,204	20,732,233
Manitoba ...	5	2,146,173	241	350,153	27,029	1,227,104	1,951,902
British Columbia ..	9	2,586,720	235	384,690	13,774	1,317,451	2,665,679
Nova Scotia ..	1)						
New Brunswick.	1)	717,248	103	129,664	10,227	353,532	762,961
Saskatchewan .	1)						
Alberta	1)						
CANADA ...	96	33,675,532	4,507	7,650,950	516,029	24,073,128	45,764,802
<u>1943</u>							
Quebec	28	16,071,234	1,863	3,275,468	226,741	9,375,320	19,509,060
Ontario	49	11,748,993	2,102	4,027,645	227,739	10,275,862	19,708,381
Manitoba ...	5	2,110,073	256	392,865	30,379	1,187,978	2,148,991
British Columbia ..	10	2,781,992	259	422,721	14,899	1,446,541	2,894,633
Nova Scotia ..	1)						
New Brunswick.	1)	618,553	109	143,024	10,417	468,999	806,780
Saskatchewan .	1)						
Alberta	1)						
CANADA ...	96	33,330,845	4,589	8,261,723	510,175	22,754,700	45,067,845

Table 3 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1942 and 1943 (at end of year)

Provinces	Present Value of land, buildings, machinery, tools and other equipment	Value of Inventories			Cash, bills and accounts receivable, prepaid expenses, etc.	TOTAL CAPITAL EMPLOYED
		Raw materials, fuel and other supplies on hand, and stocks in process	Finished products on hand			
	\$	\$	\$	\$	\$	
<u>1942</u>						
Quebec	6,028,334	3,604,253	2,014,108	4,241,318	15,888,513	
Ontario	3,364,477	2,825,525	2,061,421	4,085,455	12,336,878	
Manitoba	799,137	705,973	289,823	351,240	2,146,173	
British Columbia .	706,400	523,553	468,633	388,134	2,588,720	
Other provinces ..	332,793	133,320	56,355	194,780	717,248	
CANADA	11,231,641	7,792,624	4,890,340	9,760,927	33,675,532	
<u>1943</u>						
Quebec	6,231,760	2,602,750	1,816,429	4,420,295	16,071,234	
Ontario	3,274,222	2,336,459	1,991,275	4,147,037	11,748,993	
Manitoba	797,695	646,261	237,568	428,549	2,110,073	
British Columbia .	771,601	521,089	373,161	1,116,141	2,781,992	
Other provinces ..	316,883	77,338	90,404	133,928	618,553	
CANADA	11,392,161	7,183,897	4,508,837	10,245,950	33,330,845	

Table 4 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1942 and 1943

Provinces	Average Number of Employees					Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On Salaries		On Wages		TOTAL			
	Male	Female	Male	Female				
<u>1942</u>								
Quebec	426	307	946	116	1,795	1,625,643	1,349,086	2,974,729
Ontario	590	318	1,076	149	2,133	2,049,979	1,744,735	3,791,714
Manitoba	75	22	120	24	241	178,562	171,591	350,153
British Columbia ..	57	29	116	33	235	191,131	193,559	384,690
Other provinces ..	31	12	51	9	103	66,994	62,670	129,664
CANADA	1,179	688	2,309	331	4,507	4,112,309	3,518,641	7,630,950
<u>1943</u>								
Quebec	423	310	983	147	1,863	1,704,857	1,570,611	3,275,468
Ontario	547	367	990	198	2,102	2,129,649	1,897,996	4,027,645
Manitoba	81	32	116	27	256	220,344	172,521	392,865
British Columbia ..	63	34	110	52	259	200,745	221,976	422,721
Other provinces ..	31	14	43	21	109	73,678	69,346	143,024
CANADA	1,145	757	2,242	445	4,589	4,329,273	3,932,450	8,261,723

Table 5 - WAGE-EARNERS, BY MONTHS, 1942 and 1943 (Number on pay-roll on the last work day of each month)

Months	1942			1943		
	Male	Female	TOTAL	Male	Female	TOTAL
January	2,308	275	2,583	2,309	411	2,720
February	2,335	275	2,610	2,246	404	2,650
March	2,307	274	2,581	2,203	395	2,598
April	2,342	286	2,628	2,194	395	2,589
May	2,336	312	2,648	2,185	428	2,613
June	2,355	327	2,682	2,211	440	2,651
July	2,345	332	2,677	2,281	441	2,722
August	2,303	338	2,641	2,273	453	2,726
September	2,253	343	2,596	2,159	471	2,630
October	2,265	370	2,635	2,191	496	2,687
November	2,274	406	2,680	2,316	510	2,826
December	2,274	397	2,671	2,370	502	2,872
AVERAGE	2,309	331	2,640	2,242	445	2,687

Table 6 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1942 and 1943 (In one week of month of highest employment; overtime included)

Hours worked per week	1942			1943		
	Number of Wage-earners			Number of Wage-earners		
	Male	Female	TOTAL	Male	Female	TOTAL
30 hours or less	93	18	111	104	47	151
31 - 43 hours	162	53	215	218	126	344
44 hours	422	144	568	399	161	560
45 - 47 hours	284	32	316	305	52	357
48 hours	313	24	337	652	81	733
49 - 50 hours	320	42	362	275	25	300
51 - 54 hours	482	41	523	175	12	187
55 hours	83	3	86	57	3	60
56 - 64 hours	268	6	274	216	6	222
65 hours and over	90	1	91	68	-	68
TOTAL	2,517	364	2,881	2,469	513	2,982
Total wages paid during week \$	68,014	6,127	74,141	75,290	8,971	84,261

Table 7 - FUEL AND ELECTRICITY USED, 1942 and 1943

Kinds	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Bituminous coal - Canadian ...	ton	10,459	77,750	7,735	62,214
Imported ...	ton	14,697	116,737	18,624	157,149
Anthracite coal	ton	580	5,130	488	4,987
Lignite coal	ton	83	785	34	467
Coke	ton	2,396	31,811	2,535	34,524
Gasoline	Imp. gal.	39,316	12,696	29,926	9,532
Kerosene or coal oil	Imp. gal.	11,700	2,266	1,600	280
Fuel oil	Imp. gal.	829,740	65,936	607,886	47,324
Wood	cord	535	2,557	388	2,210
Gas - Manufactured	M cu.ft.	4,085	3,837	5,801	4,544
Natural	M cu.ft.	1,089	474	1,138	479
Other fuel	-	-	5,718	-	6,847
Electricity purchased	K. W. H.	16,176,129	183,634	15,736,228	179,618
TOTAL	-	-	509,329	-	510,175

Table 8 - POWER EQUIPMENT, 1942 and 1943

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
	<u>1 9 4 2</u>			
Steam engines	11	453	1	75
Gasoline, gas and oil engines ..	1	9	-	-
Total Primary Equipment	12	462	1	75
Electric motors run by purchased power	1,591	10,220	37	228
TOTAL	1,603	10,682	38	303
Electric motors run by above primary units	28	72	-	-
Stationary boilers	43	3,629	5	390
Motor generator sets	1	5	-	-
	<u>1 9 4 3</u>			
Steam engines	11	453	1	75
Gasoline, gas and oil engines ..	1	9	-	-
Total Primary Equipment	12	562	1	75
Electric motors run by purchased power	1,680	10,419	28	179
TOTAL	1,692	10,881	29	254
Electric motors run by above primary units	28	72	-	-
Stationary boilers	44	3,397	4	290
Motor generator sets	1	5	-	-

Table 9 - MATERIALS USED, 1942 and 1943

Materials	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Cost at works \$	Quantity	Cost at works \$
<u>Pigments, colours, fillers and extenders -</u>					
Asphalt	lb.	1,516,420	36,570	1,561,858	41,679
Basic carbonate white lead-					
Dry	lb.	5,910,754	476,967	5,529,599	463,781
In oil	lb.	1,643,833	145,411	1,380,698	122,096
Basic sulphate white lead (sublimed lead)	lb.	147,938	14,147	250,067	24,158
Carbon black	lb.	Included with lamp black		243,273	44,747
Casein	lb.	Not itemized separately		408,712	97,826
Graphite	lb.	206,267	11,855	167,339	9,837
Iron oxide (natural)	lb.	4,668,585	253,383	4,641,398	222,858
Lampblack	lb.	562,878	86,857	237,315	32,323
Litharge	lb.	1,618,343	119,880	1,064,253	81,625
Lithopone	lb.	19,822,103	1,154,122	17,773,610	1,105,153
Metallic powders(alumina, bronze, etc.)	lb.	150,069	104,757	102,567	71,338
Nitrocellulose	lb.	1,516,086	368,163	1,447,107	362,358
Pitch, coal tar	lb.	3,029,596	52,217	2,826,342	43,865
Red lead	lb.	1,357,979	122,044	1,491,881	139,154
Titanium white, pure	lb.	4,168,097	820,990	4,436,332	811,086
Reduced titanium pigments (containing titanium oxide)	lb.	7,034,376	578,894	9,558,617	769,909
Zinc oxide, pure	lb.	2,422,542	207,620	2,292,862	187,626
Zinc oxide, leaded and zinc leads	lb.	1,820,746	132,132	1,093,968	99,269
Asbestine or talc	lb.	10,885,235	154,814	13,737,943	174,757
Barytes	lb.	6,833,584	150,927	5,519,352	121,727
Blanc fixe	lb.	104,948	5,328	87,369	4,441
Kaolin or china clay	lb.	4,565,723	57,022	3,238,208	48,564
Satin white or gypsum ...	lb.	473,403	8,269	367,749	5,037
Silica sand or ground quartz	lb.	2,619,742	45,440	2,478,675	45,075
Whiting	lb.	16,547,902	241,646	15,545,388	239,832
Coal tar lakes (all colours)	lb.	166,181	107,951	106,051	92,520
Chrome colours	lb.	2,669,978	551,855	2,563,058	535,527
Ochres, siennas and umbers.	lb.	823,436	52,155	880,319	68,425
Prussian blue	lb.	144,304	70,335	112,168	55,434
Ultramarine blue	lb.	162,647	36,542	139,953	32,297
Sodium bichromate	lb.	1,015,065	105,731	941,456	95,805
Sodium prussiate, yellow ..	lb.	377,737	55,532	216,776	31,671
Other dry colours	lb.	1,230,070	347,851	1,743,819	322,363
All other pigments, fillers and colours	lb.	6,374,258	249,073	7,615,900	336,172
<u>Dryers, Oils, Solvents, etc.-</u>					
Cobalt naphthenate	lb.	200,228	145,433	179,995	75,233
Lead naphthenate	lb.	Not itemized separately		237,807	45,630
Manganese naphthenate ...	lb.	68,676	8,748	70,271	12,880
Linoleate driers	lb.	19,594	7,109	25,665	6,335
Resinate driers	lb.	56,536	12,022	49,556	7,496

Table 9 - Materials Used, 1942 and 1943 - con.

Material	Unit of Measure	1942		1943	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Driers, Oils, Solvents, etc.					
con. -					
Resins and gums, natural -					
Copal	lb.)			2,237,075	162,595
Damar	lb.)	6,067,063	481,585	198,098	48,358
Kauri	lb.)			16,834	4,437
Other	lb.)			3,019,651	234,385
Resins, synthetic -					
Alkyd (Glyptal)	lb.)	6,058,910	1,246,669	2,674,502	562,527
Other	lb.)			4,560,649	863,889
Shellac -					
Bleached	lb.)			60,449	35,376
Orange	lb.)	707,213	337,097	73,302	29,133
Other grades	lb.)			79,148	32,670
All other driers	lb.)	2,626,533	499,828	402,927	99,912
Castor Oil -Raw	Imp. gal.)	448,984	750,758	152,946	272,239
Dehydrated	Imp. gal.)			130,384	432,437
China wood oil (tung oil)	lb.)	1,158,107	439,797	203,703	87,895
Fish oils	Imp. gal.)	116,062	101,742	71,219	50,823
Linseed oil -Raw	Imp. gal.)	1,863,657	1,418,528	1,751,774	1,318,384
Blown	Imp. gal.)			66,465	55,717
Boiled	Imp. gal.)	1,877,112	1,115,293	817,474	678,217
Other (including specially processed)	Imp. gal.)			898,332	312,707
Oiticica oil	lb.)	Included in "Other oils"		44,576	17,799
Perilla oil	lb.)	1,392,739	215,916	737,691	145,579
Soya bean oil	lb.)	395,220	42,722	208,889	38,324
Other oils	lb.)	5,945,230	603,857	2,202,106	343,308
Acetone	lb.)	571,993	81,562	543,481	77,119
Acetic acid	lb.)	1,241,829	60,377	667,683	25,957
Alcohol, ethyl (denatured or not)	Pf. gal.)	398,558	284,442	370,252	304,831
Alcohol, wood (methyl hydrate or methylated spirits)					
	Imp. gal.)	259,023	219,694	168,120	141,178
Amyl acetate	lb.)	1,498,540	277,330	1,604,756	305,741
Amyl alcohol (fusel oil)	Imp. gal.)	66,573	58,855	94,798	96,007
Benzol	Imp. gal.)	76,284	25,744	66,892	24,329
Butyl alcohol (butanol)	lb.)	395,597	76,466	219,463	40,544
Butyl acetate	lb.)	975,745	191,710	421,336	87,466
Creosote	Imp. gal.)	35,128	13,837	32,543	12,627
Ethyl acetate	lb.)	4,754,371	443,583	4,719,100	470,712
Petroleum distillates	Imp. gal.)	6,923,121	1,378,222	6,675,347	1,378,335
Toluol	Imp. gal.)	111,643	48,100	396,557	161,539
Turpentine	Imp. gal.)	187,676	191,672	242,713	254,210
Xylol	Imp. gal.)	317,723	150,736	260,606	121,093
Varnishes	Imp. gal.)	259,039	311,643	243,010	283,716
Waxes -					
Beeswax	lb.)			58,125	23,832
Carmauba	lb.)	Included in "all other driers".		8,180	9,367
Paraffin	lb.)			123,216	11,789
Other	lb.)			27,011	14,563
All other materials	-	-	3,440,918	-	3,243,361
Containers and packing materials					
	-	-	2,464,303	-	2,250,664
TOTAL COST OF MATERIALS	-	-	24,073,128	-	22,754,700

Table 10 - PRODUCTS MADE, 1942 and 1943

Product.	1 9 4 2		1 9 4 3		
	Quantity	Selling value at works \$	Quantity	Selling value at works \$	
Colours, dry	lb.	10,175,543	1,350,106	8,801,854	1,234,872
Colours in japan or oil ...	lb.	1,212,518	290,863	883,172	203,474
Enamels - Synthetic type ..	Imp.gal.	1,386,340	4,390,219	1,444,128	4,248,607
Oil type	Imp.gal.	550,232	1,501,920	789,706	1,982,911
Lacquers - Cellulose, clear .	Imp.gal.	1,035,048	1,968,123	1,069,455	2,071,567
Cellulose, pig- mented	Imp.gal.	912,610	2,797,154	829,636	2,391,911
Paints, water(including size) in powdered form ...	lb.	11,639,063	842,627	12,232,549	927,579
Paints, paste (including fillers) -					
(a) Base for water paints .	lb.	4,082,604	408,167	3,221,367	299,377
(b) Other paste paints ...	lb.	3,691,679	613,589	3,912,379	309,017
Paints, ready mixed,(includ- ing asphalt and tar, iron oxide, metallic and liquid fillers	Imp.gal.	8,570,064	19,641,445	7,852,146	18,776,917
Stains - oil, spirit, var- nish and creosote	Imp.gal.	330,599	583,127	360,208	622,799
Varnishes (including japans, shellac and driers)	Imp.gal.	3,154,004	5,488,011	2,663,296	4,763,206
Wax, floor - Paste	lb.	172,169	41,396	129,291	30,397
Liquid	Imp.gal.	9,734	15,207	13,953	20,349
Oils - linseed, boiled, core, stand, blown and enamel	Imp.gal.	361,649	354,982	453,075	288,444
Paint and varnish removers	Imp.gal.	72,287	152,150	76,796	162,620
Putty	lb.	9,667,411	423,234	8,955,460	389,095
Thinners, pyroxylin and paint	Imp.gal.	1,041,379	1,156,557	1,231,245	1,441,317
All other products (x) ..	-	-	3,739,925	-	4,303,386
TOTAL	-	-	45,764,802	-	45,067,845

(x) Includes data for items reported by less than three firms, such as, white lead, red lead, litharge, caulking materials, auto polish, furniture polish, etc.

Table 11 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1942 and 1943

Item	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Value \$	Quantity	Value \$
Chemical Pigments, Lead -					
Litharge	cwt.	19,049	169,117	23,973	203,677
Lead, red, dry, and orange mineral	lb.	163,517	16,597	114,122	11,936
Lead, white, dry	lb.	25,508	2,428	435,855	37,606
Lead, white, ground in oil .	lb.	2,674	697	-	-

Paints

- 8 -

Table 11 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION,
1942 and 1943 - con.

Items	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Value \$	Quantity	Value \$
Other Chemical Pigments -					
Antimony oxide and titanium oxide	lb.	14,642,708	1,423,042	16,889,500	1,533,462
Black, carbon	lb.	29,735,074	1,184,692	27,657,408	1,123,217
Blacks, bone and ivory ...	lb.	281,155	26,065	294,169	34,016
Black, lamp	lb.	409,150	42,375	637,274	55,357
Blanc fixe	lb.	620,498	24,224	345,536	16,694
Brocade and bronze powders .	lb.	12,357	12,015	2,795	3,227
Lithopone	lb.	19,996,324	948,244	17,754,879	857,507
Oxide of cobalt	lb.	164	433	55	130
Oxide of tin and copper ..	lb.	129,713	36,427	142,986	30,274
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.	lb.	6,001,575	1,151,364	6,268,037	964,147
Paris green, dry	lb.	4,100	875	90	24
Satin white	lb.	132,871	3,279	96,628	3,666
Ultramarine blue, dry or in pulp	lb.	643,238	102,668	410,424	67,157
Zinc white (zinc oxide) ...	lb.	2,072,403	156,484	2,218,564	174,075
Mineral Earth Pigments -					
Ochres, ochrey earths, siennas and umbers	lb.	2,067,212	61,488	2,250,850	76,644
Putty	lb.	62,743	7,702	72,102	10,076
Artists' paints, n.o.p., ground and liquid		-	154,894	-	151,798
Gold liquid paint		-	2,704	-	711
Liquid fillers, anti-corrosive and anti-fouling paints, and ground and liquid paints, n.o.p.	gal.	167,763	406,519	207,212	495,062
Paints and colours, ground in spirits, and all spirit varnishes and lacquers ...	gal.	38,476	167,445	32,984	141,916
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p. ..	gal.	119,556	297,141	122,549	277,549
Stains and oxides, valued at not less than 20 cents per pound, for use exclusively as colouring constituents in the manufacture of vit- reous enamels and pottery glazes; and liquid gold paint for use exclusively in the manufacture of tableware china, proce- lain or semi-porcelain ...	lb.	14,367	21,176	13,996	11,224
TOTAL	-	-	6,420,095	-	6,281,152

Table 12 - EXPORTS OF PAINTS, PIGMENTS AND VARNISHES FROM CANADA, 1942 and 1943

Items	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Value	Quantity	Value
			\$		\$
Acetylene black	lb.	6,666,572	743,391	7,812,841	878,755
Iron oxides	cwt.	69,601	237,479	36,612	131,830
Mineral pigments, n.o.p.	cwt.	1,630	8,029	1,637	13,393
White lead, dry or in oil ...	cwt.	4,729	38,693	2,055	20,380
Enamels and lacquers	-	-	38,532	-	71,416
Paints, n.o.p.	\$	-	803,947	-	702,412
Putty	cwt.	1,027	4,564	1,817	7,919
Varnish	gal.	15,156	28,060	18,057	40,595
TOTAL	-	-	1,902,695	-	1,866,700

Table 13 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES, 1926 - 1943

Years	Gross value of production for the paints industry	Imports	Exports
	\$	\$	\$
1926	22,279,382	4,377,998	502,183
1927	22,606,063	4,964,468	428,548
1928	24,703,733	5,549,481	502,970
1929	27,103,465	6,219,302	490,426
1930	23,966,502	4,663,681	480,819
1931	18,536,465	3,478,179	308,469
1932	14,912,383	2,765,137	374,274
1933	14,896,693	2,480,126	383,368
1934	18,618,371	3,292,956	599,907
1935	20,341,407	3,651,492	741,639
1936	22,651,225	4,115,617	862,335
1937	25,531,117	4,997,904	1,021,948
1938	24,317,532	3,774,148	909,875
1939	25,855,506	4,661,956	1,559,661
1940	30,109,130	5,500,622	2,325,476
1941	40,183,625	7,695,413	2,260,178
1942	45,764,802	6,420,095	1,902,695
1943	45,067,845	6,281,152	1,866,700

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1943

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>NOVA SCOTIA</u>	
Brandram-Henderson, Limited	80 Kempt Road, Halifax
<u>NEW BRUNSWICK</u>	
Maritime Paint and Chemical Co., Ltd.	348 Main Street, Moncton

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1943 -con.

<u>Name of Firm</u>	<u>Location of Plant</u>
QUEBEC	
Aluminum Company of Canada, Limited	Arvida
Brandram-Henderson, Limited	6684 St. Urbain Street, Montreal
Canadian Industries, Limited	6930 Clanranald Street, Montreal
Canadian Waterpaints, Limited	2122 St. Patrick Street, Montreal
Carter White Lead Co. of Canada, Ltd.	1295 Delorimier Ave., Montreal
Chateau Paint Works	6699 Park Avenue, Montreal
Coatwell Paint and Varnish Co., Ltd.(1939)	147 Nazareth Street, Montreal
Conant Company, The	3975 St. Ambroise Street, Montreal
Crown Diamond Paint Co., Ltd.	41 Bates Road, Outremont
H.L.H. Paints	277 St. Zotique W., Montreal
International Lacquer Products	6935 Park Avenue, Montreal
International Paints (Canada) Ltd.,	6700 Park Avenue, Montreal
Jamieson, Jas. W.	2691 Charlemagne Street, Montreal
La Cie de Peinture & Vernis Mont Royal, Ltée	5669 Casgrain Street, Montreal
Les Peintures et Vernis Frontenac	5541 Papineau, Montreal
Liquid Steel Paint Producers Co.	58 Craig Street W., Montreal
McArthur, Irwin, Limited	7-25 Bates Road, Outremont
Martin-Senour Co., Limited	6833 De l'Epee Avenue, Montreal
Morse Chemical, Limited	Chambly Basin,
National Paint, Limited	11a rue Chateauguay, Quebec
Peinture Sico Enrg. (Sico Paint, Ltd.)	340 Prince Edward Street, Quebec
Ritchie Manufacturing Co.	1081 Wellington Street, Montreal
Reardon Company, Limited	146 St. Peter Street, Montreal
Sherwin-Williams Co. of Canada, Ltd.	2875 Centre Street and 1957 Hunter Street, Montreal
Steel Company of Canada, Limited	2320 Notre Dame Street W., Montreal
Thorp-Hambrook Ltd., and the Murphy Paint Company, Limited	7147 Park Avenue,, Montreal, and 2720 St. Patrick Street, Montreal
Zenith Paint, Incorporated	5540 Cote des Neiges Road, Montreal
ONTARIO	
Alma Paint Company	65 Duke Street, London
Acme Paint and Varnish Co., Ltd.	120 .. 26th Street, Long Branch
Adams Paint Manufacturing Co., Ltd.	Courtwright Street, Port Erie
Allen, Geo., Company	161 Kendall Avenue, Toronto
Armet Industries	155 Surrey Street, Guelph
Artists' Colour Company	368 Victoria Street, Toronto
Aulcraft Paints, Ltd.	313 Symington Avenue, Toronto
Bedford Paint Company	248 Birmingham Avenue, New Toronto
Berry Brothers	1106 Walker Road, Walkerville
Canada Varnish Co., Ltd.	55 Laird Drive, Leaside
Canadian Art Laboratory	96 Queen Street East, Toronto
Canadian Industries, Limited	Perth and Kingsley Sts., Toronto
Claxton Manufacturing Co.	749 Jane Street, Toronto
Commercial Chemical Co.	94 Laird Drive, Leaside
Cosmos Chemical Co., Ltd.	Cavan Street, Port Hope
Glidden Co., Limited	372 Wallace Avenue, Toronto
Goudey, John E.	21 Primrose Avenue, Toronto
Gypsum, Lime and Alabastine, Canada, Ltd.	Willow Street, Paris
Hamilton Paint and Varnish Works	65 Biggar Avenue, Hamilton
Hannan Varnish Company, Limited	15 Water Street South, Galt
Imperial Varnish and Colour Co., Ltd.	2-20 Morse Street, Toronto

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1943 -con.

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO - con.</u>	
Industrial Coating Company	840 Eastern Avenue, Toronto
Lakeside Varnish Company	Montcalm Avenue, York Twp., Toronto
Langmuir Paint Co., Ltd.	Dundas Street, Oakville
Lowe Brothers Company, Ltd.	263 Sorauren Avenue, Toronto
Marietta Paints & Finishes of Canada, Ltd.	120 Main Street North, Weston
Masse Manufacturing Company	264 Macdonell Avenue, Toronto
Mercury Varnish Co., Ltd.	3 Academy Street, St. Catharines
Moore, Benjamin, and Co., Ltd.	Mulock and Lloyd Avenues, Toronto
Moore, Wallie, Paint Company	6 Asquith Avenue, Toronto
Morin, J. H. & Company, Limited	54 Colborne Street, Toronto
Muirhead, A., Company, Limited	217 King Street East, Toronto and 196 Eastern Avenue, Toronto
Northern Paint & Varnish Co., Ltd.	1st Avenue West, Owen Sound
Northern Pigment Company, Ltd.	End of 22nd Street, New Toronto
National Paint Products	87 Shuter Street, Toronto
Ottawa Paint Works, Limited	687 Wellington Street, Ottawa
Ontario Paint and Varnish Co., Ltd.	268 Pape Avenue, Toronto
Penfound Varnish Company, Limited	25 Caribou Avenue, Toronto
Pratt and Lambert, Inc.	254 Courtwright Street, Port Erie North
Radium Luminous Industries, Ltd.	103 Church Street, Toronto
Searfe and Company, Limited	35 Greenwich Street, Brantford
Smyth, John, Manufacturing Company	Mt. Pleasant; and 31 Colborne Street, Brantford
Standard Paint and Varnish Company, Ltd.	Wyandotte Street West, Windsor
Standard Ultramarine Company of Canada, Ltd.	Imperial Bank Building, Leaside
Storrar Manufacturing Co., Ltd.	Dufferin and Rosemount Sts., Weston
Sturgeons, Limited	330 Carlaw Avenue, Toronto
Supreme Paint Manufacturing Company	430 Spadina Avenue, Toronto
Treleo, Limited	6 Alcina Avenue, Toronto and 925 Roselawn Avenue, Toronto
Treuhaft Manufacturing, Ltd.	Clarke and Wickstead Streets, Leaside
Weir, James, Company, Ltd.	24th Street, Long Branch
<u>MANITOBA</u>	
International Laboratories, Ltd.	490 Des Meurone Street, St. Boniface
Northern Paint Company, Ltd.	394 Gertrude Avenue, Winnipeg
Phillips Paint Products	Schultz and Sutherland, Winnipeg
Sherwin-Williams Co. of Canada, Ltd.	110 Sutherland Avenue, Winnipeg
Stephens, G.F., and Company, Ltd.	176 Market Avenue E., Winnipeg
<u>SASKATCHEWAN</u>	
Canadian Industries, Limited	Lorne and Fifth Avenues, Regina
<u>ALBERTA</u>	
Edmonton Paint and Glass Co., Ltd.	10163 .. 105th Street, Edmonton
<u>BRITISH COLUMBIA</u>	
Brandram-Henderson of B.C., Ltd.	Granville Island, Vancouver
British American Paint Company, Ltd.	200 Belleville Street, Victoria
Cloverdale Paint Factory	2268 Old McLellan Road, Cloverdale
Darling, Henry, and Son, Ltd.	28 Powell Street, Vancouver
General Paint Corporation of Canada, Ltd.	950 Raymur Avenue, Vancouver
Hart-Andrews Paints, Limited	1302 Wharf Street, Victoria
Martin-Senour Company, Ltd.	1505 Powell Street, Vancouver
North West Products	1147 Venables Street, Vancouver
Staneland Company, Ltd.	Bay and Shakespeare Streets, Victoria
T. Isles Metalkote Anti-Rust	1604 East 8th Avenue, Vancouver

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