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

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**THE PAINTS, PIGMENTS AND  
VARNISHES INDUSTRY**

**IN**  
**CANADA**  
**1935**

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OTTAWA - CANADA

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ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1935.

Paint, pigment and varnish manufacturers reported an improvement in business of about 9 per cent in 1935 when their aggregate output was valued at \$20,341,407. Corresponding totals for other years were \$18,618,371 in 1934, \$14,896,693 in 1933 and \$14,912,383 in 1932.

Reports were received from 80 plants operating in this industry during 1935 and of these factories 40 were located in Ontario, 22 in Quebec, 9 in British Columbia, 4 in Manitoba, 2 in Saskatchewan, and 1 in each of Nova Scotia, New Brunswick and Alberta. Works in Ontario accounted for 48 per cent of the total output and establishments in Quebec accounted for 39 per cent.

Capital employed was reported at \$22,709,466 as against \$22,816,098 in the previous year. The value of lands, buildings and machinery was given at \$11,111,839, inventories at \$5,974,584 and cash on hand, bills and accounts receivable at \$5,623,043. Forty-nine per cent of the investment was for plants located in Quebec and 32 per cent for works in Ontario.

Production in 1935 included 3,163,015 gallons of ready mixed paints at \$7,605,453, 953,730 gallons of enamels at \$2,848,661, 1,483,375 gallons of varnishes at \$2,448,624, 555,230 gallons of nitrocellulose lacquers at \$1,491,114, 507,647 gallons of pyroxylin thinners at \$541,682, 8,180,141 pounds of cold water paints at \$471,594, 288,382 gallons of stains at \$451,195, 4,386,396 pounds of paste paints at \$446,640, 173,783 gallons of shellac at \$341,767, 1,391,239 pounds of colours in oil or japan at \$256,381, and numerous other items having a factory value of less than one-quarter of a million dollars.

Imports, chiefly pigments for the manufacture of paints, increased 11 per cent in 1935, the value being \$3,651,492 as against \$3,292,956 in 1934. The more important items were - 8,692 tons of lithopone at \$620,615, 6,442 tons of carbon black at \$618,889, 5,884 tons of zinc oxide at \$460,122, 1,435 tons of antimony and titanium oxides at \$310,083, 140,928 gallons of liquid fillers at \$223,159, 9 tons of litharge at \$100,689, 111 tons of tin and copper oxides at \$92,822, and many other items of less dollar value such as blacks other than carbon, blanc fixe, ultramarine blue, ochres, siennas, umbers, etc.

Exports, consisting largely of paints, were valued at \$741,639, an increase of 24 per cent over the total of \$599,907 in 1934. Of the 1935 total, \$345,234 went to the United Kingdom, \$73,843 to British South Africa, \$45,723 to Newfoundland,

\$43,381 to the United States, \$25,654 to Italy, \$19,232 to Peru, \$16,232 to Colombia, \$15,950 to Cuba, \$15,507 to British India and \$14,934 to Trinidad and Tobago.

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES, 1926 - 1935.

Years	Production	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 .....	18,536,463	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

Table 2 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1921 - 1935.

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Selling value of products at works
		\$		\$	\$	\$	\$
1921 .....	49	20,330,951	2,230	3,299,589	248,446	8,868,042	17,172,190
1922 .....	53	21,073,706	2,452	3,421,216	244,507	9,790,603	18,623,305
1923 .....	57	20,806,909	2,591	3,665,823	288,617	9,965,145	20,938,802
1924 .....	55	20,587,856	2,287	3,044,228	282,654	9,778,525	18,187,681
1925 .....	62	21,460,431	2,355	3,093,191	293,893	9,974,106	19,530,082
1926 .....	64	22,890,807	2,484	3,375,961	310,913	10,667,673	22,279,382
1927 .....	62	23,162,090	2,563	3,552,586	312,774	10,474,908	22,606,063
1928 .....	68	24,256,008	2,881	3,967,295	322,549	11,387,295	24,703,733
1929 .....	69	26,471,976	2,851	4,260,019	351,664	12,414,829	27,103,465
1930 .....	78	26,212,828	2,835	4,307,998	300,355	11,094,435	23,966,502
1931 .....	75	24,985,476	2,780	4,281,861	249,933	7,974,852	18,536,463
1932 .....	71	23,978,252	2,658	3,858,813	252,272	6,295,860	14,912,383
1933 .....	78	22,438,251	2,540	3,464,947	247,067	6,153,836	14,896,693
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

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1934 and 1935.

Provinces	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Selling value of products at works
		\$		\$	\$	\$	\$
<b>1934</b>							
Quebec .....	22	10,586,845	1,105	1,558,070	126,476	3,050,651	7,089,881
Ontario .....	40	7,783,518	1,320	1,800,173	115,903	3,750,704	9,315,679
Manitoba .....	4	1,865,336	195	196,957	18,571	509,687	966,275
British Columbia.	8	1,521,604	155	179,944	5,728	432,691	894,693
Nova Scotia .....	1)						
New Brunswick ...	1)						
Saskatchewan ....	2)	1,058,795	84	90,394	7,889	206,208	351,843
Alberta .....	1)						
CANADA .....	79	22,816,098	2,859	3,825,538	274,567	7,949,941	18,618,371
<b>1935</b>							
Quebec .....	22	11,201,265	1,139	1,628,552	135,655	3,958,921	7,896,839
Ontario .....	40	7,372,442	1,450	2,077,462	120,270	4,275,557	9,785,695
Manitoba .....	4	1,649,907	202	224,623	19,268	641,500	1,221,662
British Columbia.	9	1,582,772	176	217,417	6,198	483,660	1,058,146
Nova Scotia .....	1)						
New Brunswick ...	1)						
Saskatchewan ....	2)	903,080	93	94,062	8,454	251,105	379,065
Alberta .....	1)						
CANADA .....	80	22,709,466	3,060	4,242,116	289,845	9,610,743	20,341,407

Table 4 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1934 and 1935.

Provinces	Present value of lands, buildings, machinery, tools and other equipment	Inventory value of materials on hand, stocks in process, finished products and miscellaneous supplies on hand	Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<b>1934</b>				
Quebec .....	5,642,860	2,306,116	2,637,869	10,586,845
Ontario .....	3,583,985	2,184,410	2,015,123	7,783,518
Manitoba .....	898,358	547,764	419,214	1,865,336
British Columbia.	688,747	464,366	368,491	1,521,604
Other provinces .	674,551	223,038	161,206	1,058,795
CANADA .....	11,488,501	5,725,694	5,601,903	22,816,098
<b>1935</b>				
Quebec .....	5,724,888	2,698,183	2,778,194	11,201,265
Ontario .....	3,287,385	2,122,276	1,962,781	7,372,442
Manitoba .....	878,134	424,856	346,917	1,649,907
British Columbia.	700,164	491,766	390,842	1,582,772
Other provinces .	521,268	237,503	144,309	903,080
CANADA .....	11,111,839	5,974,584	5,623,043	22,709,466

Table 5 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES, and CAPITAL EMPLOYED, 1935.

	Number of plants		Capital employed	Number of employees	Selling value of products at works
			\$		\$
<b>(a) PRODUCTION</b>					
Under \$5,000 .....	10		104,645	24	31,126
\$5,000 to \$10,000 .....	5		47,358	18	38,190
\$10,001 to \$25,000 .....	9		169,088	55	158,990
\$25,001 to \$50,000 .....	12		493,118	90	406,895
\$50,001 to \$100,000 .....	10		1,532,607	196	728,989
\$100,001 to \$250,000 .....	14		2,651,093	426	2,667,078
\$250,001 to \$500,000 .....	6		2,826,041	371	2,017,195
Over \$500,000 .....	14		14,885,516	1,880	14,292,944
TOTAL .....	80		22,709,466	3,060	20,341,407
<b>(b) NUMBER OF EMPLOYEES</b>					
1 or 2 .....	8		57,468	12	33,657
3 to 10 .....	26		724,035	141	690,333
11 to 20 .....	13		1,115,088	181	1,104,347
21 to 50 .....	14		2,991,384	433	2,801,622
51 to 100 .....	13		7,982,972	865	6,615,742
101 to 500 .....	7		9,838,519	1,428	9,095,706
TOTAL .....	80		22,709,466	3,060	20,341,407
<b>(c) CAPITAL EMPLOYED</b>					
Under \$25,000 .....	26		300,420	114	312,689
\$25,000 to \$100,000 .....	16		890,354	190	960,169
\$100,001 to \$500,000 .....	25		6,287,161	988	6,517,715
\$500,001 to \$1,000,000 .....	6		4,427,985	644	5,160,089
Over \$1,000,000 .....	7		10,803,546	1,124	7,390,745
TOTAL .....	80		22,709,466	3,060	20,341,407

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1934 and 1935.

Provinces	AVERAGE NUMBER OF EMPLOYEES					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
						\$	\$	\$
<b>1934</b>								
Quebec .....	343	104	602	56	1,105	908,792	649,278	1,558,070
Ontario .....	465	128	662	65	1,320	1,113,808	686,365	1,800,173
Manitoba .....	49	9	119	18	195	89,017	107,940	196,957
British Columbia .....	40	13	91	11	155	84,523	95,421	179,944
Other provinces .....	35	7	39	3	84	56,151	34,243	90,394
CANADA .....	932	261	1,513	153	2,859	2,252,291	1,573,247	3,825,538
<b>1935</b>								
Quebec .....	385	117	569	68	1,139	977,249	651,303	1,628,552
Ontario .....	522	170	696	62	1,450	1,299,338	778,124	2,077,462
Manitoba .....	51	10	123	18	202	100,080	124,543	224,623
British Columbia .....	51	13	100	12	176	113,034	104,383	217,417
Other provinces .....	36	12	42	3	93	57,298	36,764	94,062
CANADA .....	1,045	322	1,530	163	3,060	2,546,999	1,695,117	4,242,116

Table 7 -- WAGE-EARNERS, BY MONTHS, 1934 and 1935. (On the 15th of each month)

Months	1934			1935		
	1	9	3 4	1	9	3 5
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	1,362	144	1,506	1,408	153	1,561
February .....	1,392	146	1,538	1,466	157	1,623
March .....	1,464	154	1,618	1,501	167	1,668
April .....	1,532	171	1,703	1,574	184	1,758
May .....	1,686	185	1,871	1,644	175	1,819
June .....	1,654	174	1,828	1,613	173	1,786
July .....	1,539	150	1,689	1,564	158	1,722
August .....	1,495	142	1,637	1,517	151	1,668
September .....	1,496	133	1,629	1,474	146	1,620
October .....	1,509	144	1,653	1,513	154	1,667
November .....	1,492	146	1,638	1,531	155	1,686
December .....	1,434	140	1,574	1,506	153	1,659
AVERAGE .....	1,513	153	1,666	1,530	163	1,693

Table 8 -- FUEL AND ELECTRICITY USED, BY KINDS, 1934 and 1935.

Kinds	Unit of measure	1934		1935	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal - Canadian ..	short ton	8,669	52,453	6,945	42,394
Imported ..	short ton	9,329	58,857	10,749	70,466
Anthracite coal .....	short ton	1,031	4,837	787	4,458
Lignite coal - Canadian .....	short ton	3	16	...	...
Coke .....	short ton	1,568	15,210	2,247	18,548
Gasoline .....	Imp. gal.	20	7	20	7
Kerosene or coal oil .....	Imp. gal.	3,356	584	3,364	668
Fuel oil .....	Imp. gal.	324,058	23,117	364,213	24,621
Wood .....	cord	182	730	24	149
Gas - Manufactured .....	M cu. ft.	777	660	795	706
Natural .....	M cu. ft.	541	367	430	306
Other fuel .....	xxx	...	5,505	...	6,499
Electricity purchased .....	K.W.H.	7,562,519	112,224	7,948,903	121,023
TOTAL .....	xxx	...	274,567	...	289,845

Table 9 -- POWER EQUIPMENT, 1934 and 1935.

Kinds	1934		1935	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	16	791	14	585
Gasoline, gas and oil engines .....	1	9	1	9
Total Primary Equipment .....	17	800	15	594
Electric motors run by purchased power .....	885	6,648	901	6,661
TOTAL .....	902	7,448	916	7,255
Boilers .....	52	3,515	46	3,400

Table 10 - POWER EQUIPMENT SHOWING "ORDINARILY IN USE" SEPARATELY FROM "IN RESERVE OR IDLE" 1935.

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	12	454	2	131
Gasoline, gas and oil engines .....	1	9	...	...
Total Primary Equipment .....	13	463	2	131
Electric motors run by purchased power	890	6,547	11	114
TOTAL .....	903	7,010	13	245
Boilers .....	39	2,840	7	560

Table 11 - MATERIALS USED IN MANUFACTURING, 1934 and 1935.

Materials	Unit of measure	1934		1935	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Pigments, colours and fillers -					
Basic carbonate white lead, dry .....	lb.	2,595,179	178,914	2,709,809	180,898
Basic carbonate white lead, in oil ..	lb.	1,216,935	88,059	1,300,585	97,223
Basic sulphate white lead (sublimed lead) .....	lb.	111,069	13,718	92,442	8,827
Red lead .....	lb.	561,358	36,631	632,816	39,824
Litharge .....	lb.	923,612	52,358	1,291,625	62,561
Zinc and zinc ore .....	lb.	1,762,565	56,978	2,813,565	93,521
Zinc oxide, pure .....	lb.	2,438,544	141,793	2,476,286	140,467
Leaded zinc oxides and zinc leads ...	lb.	2,130,219	79,223	1,944,073	95,907
Lithopone .....	lb.	9,558,309	392,911	11,601,125	478,748
Titanium white, pure .....	lb.)			915,058	135,143
Titanium pigments, reduced .....	lb.)	1,710,188	186,678	1,597,968	126,363
Metallic powders (aluminium, gold, etc.)	lb.	not separated		152,542	55,695
Nitrocellulose .....	lb.	746,466	149,751	761,685	165,572
Blanc fixe .....	lb.	93,918	2,481	141,975	4,223
Barytes .....	lb.	2,393,330	44,690	2,308,628	43,702
Satin white or gypsum .....	lb.	974,425	7,432	421,637	4,200
Whiting .....	lb.	10,863,709	95,556	11,842,162	103,837
Asbestine or talc .....	lb.	3,352,426	40,926	3,622,209	45,654
Kaolin or china clay .....	lb.	2,051,454	19,085	1,152,085	13,686
Silica or quartz .....	lb.	966,272	22,613	1,129,193	24,186
Iron oxide pigments .....	lb.	1,159,535	53,539	1,979,558	77,758
Ochres, siennas and umbers .....	lb.	1,088,434	53,236	1,127,163	56,219
Coal tar lakes, all colours .....	lb.	103,292	70,270	117,813	88,032
Ultramarine blue .....	lb.	110,616	19,354	131,322	25,659
Prussian blue .....	lb.	55,494	22,658	72,685	31,053
Graphite .....	lb.	110,582	4,643	128,681	5,293
Lampblack and other carbon blacks ...	lb.	321,974	39,225	375,716	49,472
Chrome colours .....	lb.	1,008,063	147,598	1,141,200	175,401
Sodium bichromate .....	lb.	434,786	33,205	475,121	36,602
Sodium prussiate, yellow .....	lb.	244,480	28,277	243,092	29,172
Other dry colours .....	lb.	603,252	119,719	595,757	142,334
All other pigments, fillers and colours .....	lb.	2,150,679	182,185	2,793,734	144,402
Driers -					
Manganese salts .....	lb.	49,543	4,529	90,042	13,913
Cobalt salts .....	lb.	26,300	14,069	110,419	33,292



Table 11 - MATERIALS USED IN MANUFACTURING, 1934 and 1935. (concluded)

Materials	Unit of measure	1934		1935	
		Quantity	Cost at works \$	Quantity	Cost at works \$
<b>Driers (concluded) -</b>					
Resins .....	lb.	3,577,308	166,499	4,783,816	317,391
Glue .....	lb.	374,892	73,127	385,233	73,584
Shellac .....	lb.	375,727	99,506	410,987	105,896
Other gums and waxes .....	lb.	2,231,406	235,659	2,240,845	153,795
Linoleate driers .....	xx	...	4,357	...	3,015
Resinate driers .....	xx	...	10,387	...	8,580
All other driers .....	lb.	321,544	31,291	707,948	36,465
<b>Oils and solvents -</b>					
Linseed oil, raw .....	Imp. gal.	951,178	652,122	1,120,603	733,758
Linseed oil, boiled and treated .....	Imp. gal.	423,237	306,952	769,121	479,395
China wood oil (tung oil) .....	lb.	4,157,741	332,090	4,864,742	593,572
Castor oil .....	Imp. gal.	29,250	18,263	35,236	23,582
Fish oils .....	Imp. gal.	54,908	19,400	70,014	28,647
Perilla oil .....	lb.	43,952	5,252	119,035	12,842
Soya bean oil .....	Imp. gal.	31,882	20,409	29,022	22,574
Other oils .....	Imp. gal.	213,004	127,797	209,676	125,398
Turpentine .....	Imp. gal.	323,588	206,795	235,179	148,691
Petroleum distillates .....	Imp. gal.	1,819,343	380,446	2,707,186	450,567
Acetone .....	lb.	234,020	27,208	194,168	23,798
Acetic acid .....	lb.	272,682	19,761	269,884	33,340
Amyl alcohol (fusel oil) .....	Imp. gal.	31,957	35,324	27,783	33,924
Amyl acetate .....	lb.	206,524	37,190	249,911	40,685
Butyl alcohol (butanol) .....	lb.	161,880	20,743	151,140	20,259
Butyl acetate .....	lb.	1,214,433	151,155	1,330,793	161,685
Alcohol, ethyl (denatured or not) .....	Imp. gal.	216,980	129,267	137,979	85,321
Ethyl acetate .....	lb.	1,325,493	147,493	1,446,147	150,097
Methyl hydrate (wood alcohol) .....	Imp. gal.	13,637	9,604	105,428	72,061
Creosote .....	Imp. gal.	37,917	12,086	35,437	11,004
Benzol .....	Imp. gal.	79,538	32,207	85,752	30,853
Coal tar pitch .....	lb.	229,591	16,073	332,027	17,446
Asphalt and asphaltum .....	lb.	942,360	27,346	731,138	26,156
Toluol .....	Imp. gal.	296,447	141,119	235,541	117,079
Xylol .....	Imp. gal.	58,025	25,681	82,594	35,446
Varnishes .....	Imp. gal.	172,340	119,928	206,017	163,336
Cans, cases, barrels, labels, etc. .....	xx	...	1,011,205	...	1,122,177
All other materials including pig lead, etc. .....	xx	...	893,895	...	1,321,869
<b>TOTAL .....</b>	<b>xx</b>	<b>...</b>	<b>7,949,941</b>	<b>...</b>	<b>9,610,743</b>

Table 12 - PRODUCTS MADE, 1934 and 1935.

Products	Unit of measure	1934		1935	
		Quantity	Selling value at works	Quantity	Selling value at works
Colours, dry - Blue Prussian .....	lb.)			140,630	34,461
Chromes .....	lb.)			1,785,795	250,066
Lakes .....	lb.)	4,899,916	519,618	182,252	70,085
Other .....	lb.)			...	157,911
Colours, ground in oil or japan .....	lb.	1,365,682	286,753	1,391,239	256,381
Enamels, synthetic type .....	Imp. gal.	267,915	868,273	409,712	1,289,573
Enamels, other .....	Imp. gal.	493,964	1,494,563	541,518	1,552,088
Japans .....	Imp. gal.	109,481	107,218	109,684	118,842
Lacquers, nitrocellulose (pyroxylin)					
	Imp. gal.	541,567	1,488,205	555,230	1,491,114
Paints, cold water .....	lb.	7,607,838	460,523	8,180,141	471,594
Paints, asphaltic and tar .....	Imp. gal.	129,829	122,308	231,377	170,717
Paints, iron oxide .....	Imp. gal.	43,342	58,117	43,357	65,077
Paints, metallic (aluminium, gold, etc.) .....	Imp. gal.	not separated)		43,166	114,336
Paints, paste .....	lb.	3,767,912	373,350	4,386,396	446,640
Paints, ready mixed .....	Imp. gal.	2,874,787	6,942,403	3,158,696	7,592,453
Shellac .....	Imp. gal.	141,609	304,411	173,783	341,767
Stains (oil, spirit, varnish and creosote) .....	Imp. gal.	282,084	413,380	288,382	451,195
Varnishes, oil and spirit .....	Imp. gal.	1,487,068	2,272,217	1,477,302	2,434,624
Driers, linoleate and resinate. Imp. gal.		45,319	46,328	34,388	41,591
Fillers, paste and liquid .....	lb.	309,489	39,852	536,381	45,657
Floor wax, paste .....	lb.)			138,059	31,529
Floor wax and polish, liquid ..	Imp. gal.)	...	42,431	72,413	18,686
Oil, linseed, boiled .....	Imp. gal.	72,154	59,746	94,913	83,272
Oil, core and paint .....	Imp. gal.	80,311	59,135	105,587	103,115
Oils, stand, blown and enamel..	Imp. gal.	20,019	14,876	4,850	6,898
Paint and varnish removers .....	Imp. gal.	59,314	112,038	51,497	105,984
Putty .....	lb.	4,992,713	184,161	5,481,074	197,604
Pyroxylin thinners .....	Imp. gal.	439,089	582,439	507,647	541,862
Size .....	lb.	53,579	10,299	36,259	2,291
Synthetic gums .....	lb.	2,845	337	9,225	2,744
All other products (x) .....	xx	...	1,755,410	...	1,851,245
TOTAL .....	xx	...	18,618,371	...	20,341,407 <sup>2</sup>

(x) Includes data for items reported by less than 3 firms such as white lead, red lead, litharge, zinc oxide, polishes, textile and tanners' oil, etc.

Table 13 - PRODUCTS MADE, BY PROVINCES, 1935.

Products	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Selling value at	Quantity	Selling value at	Quantity	Selling value at
			works		works		works
			\$		\$		\$
Colours, dry .....	lb.	2,188,500	322,765	2,711,218	186,078	...	3,680
Colours, ground in oil or japan .....	lb.	499,254	93,205	686,586	138,531	205,399	14,645
Enamels, synthetic type .....	Imp.gal.	47,282	177,140	345,388	1,059,031	17,042	53,402
Enamels, other .....	Imp.gal.	194,142	773,851	328,070	708,082	19,306	70,155
Japans .....	Imp.gal.	20,727	25,012	75,365	75,566	13,592	18,264
Lacquers, nitrocellulose(pyroxylin) Imp.gal.	Imp.gal.	197,439	415,016	351,679	1,056,187	6,112	19,911
Paints, cold water .....	lb.	1,362,882	76,190	5,935,666	359,643	881,593	35,761
Paints, asphaltic and tar .....	Imp.gal.	10,193	9,527	215,826	155,306	5,358	5,884
Paints, iron oxide .....	Imp.gal.	1,236	2,226	32,244	48,064	9,877	14,787
Paints, paste .....	lb.	2,040,903	187,553	1,536,901	176,035	808,592	83,052
Paints, ready mixed .....	Imp.gal.	1,236,672	2,973,779	1,281,698	3,066,391	640,326	1,552,283
Shellac .....	Imp.gal.	50,704	108,397	103,363	183,605	19,716	49,765
Stains (oil, spirit, varnish and creosote) .....	Imp.gal.	49,844	97,414	101,782	166,981	136,756	186,800
Varnishes, oil and spirit .....	Imp.gal.	477,953	993,757	853,846	1,158,320	145,503	283,547
Driers, linoleate and resinate ...	Imp.gal.	125	119	31,570	38,145	2,693	3,327
Fillers, paste and liquid .....	lb.	17,815	3,173	486,634	39,000	31,932	3,484
Floor wax, paste and liquid .....	xx	...	2,132	...	87,026	...	11,057
Oil, linseed, boiled .....	Imp.gal.	1,708	1,286	55,972	47,392	37,233	34,594
Oil, core and paint .....	Imp.gal.	51,637	56,274	53,950	46,841	...	...
Oils, stand, blown and enamel ...	Imp.gal.	...	...	4,850	6,898	...	...
Paint and varnish removers .....	Imp.gal.	28,266	55,521	20,037	43,768	3,194	6,695
Putty .....	lb.	2,828,397	84,220	1,434,258	57,334	1,218,419	56,050
Pyroxylin thinners .....	Imp.gal.	5,147	8,639	492,346	519,432	10,154	13,791
All other products (x) .....	xx	...	1,429,643	...	412,039	...	137,939
<b>TOTAL .....</b>	<b>xx</b>	<b>...</b>	<b>7,896,839</b>	<b>...</b>	<b>9,785,695</b>	<b>...</b>	<b>2,658,873</b>

(x) See footnote to Table 12.

Table 14 - PRODUCTION OF CERTAIN PAINTS, VARNISHES, ETC., IN CANADA, 1926 - 1935.  
(Including any produced in other industries)

Years	MIXED PAINTS READY FOR USE		COLD WATER PAINTS		PASTE PAINTS		ASPHALTIC AND TAR PAINTS		SHELLAC	
	Imperial gallons	Selling	Pounds	Selling	Pounds	Selling	Imperial gallons	Selling	Imperial gallons	Selling
		value at works		value at works		value at works		value at works		value at works
1926 ...	3,038,575	\$ 8,200,312	9,877,015	\$ 677,967	7,184,240	782,843	285,479	\$ 241,671	171,808	\$ 542,529
1927 ...	3,229,755	8,759,987	8,545,881	623,147	7,214,537	774,970	580,425	448,808	177,128	546,051
1928 ...	3,482,665	9,033,579	11,061,709	733,951	8,746,347	898,870	458,864	312,992	193,421	589,662
1929 ...	4,034,701	9,798,759	10,013,687	653,915	7,870,996	867,172	463,228	575,227	216,470	642,379
1930 ...	3,633,862	9,461,464	8,211,145	538,508	6,273,829	662,947	287,475	250,110	207,457	532,916
1931 ...	3,059,124	7,624,352	8,715,672	598,384	4,523,313	476,805	...	193,776	162,685	363,493
1932 ...	2,200,313	5,218,521	8,567,866	528,594	3,050,728	341,977	217,230	158,662	120,625	245,376
1933 ...	2,334,747	5,591,427	7,034,119	444,062	3,256,900	312,571	181,162	144,897	131,298	265,533
1934 ...	2,879,877	6,958,057	7,607,838	460,523	3,767,912	373,330	214,206	179,991	141,609	304,411
1935 ...	3,163,015	7,605,453	8,180,141	471,594	4,386,396	446,640	322,713	234,030	173,783	341,767

Years	VARNISHES		ENAMELS		STAINS		L A C Q U E R S			
	Imperial gallons	Selling	Imperial gallons	Selling	Imperial gallons	Selling	Nitrocellulose		Other	
		value at works		value at works		value at works	Imperial gallons	Selling value at works	Imperial gallons	Selling value at works
1926 ...	...	\$ 4,282,383	392,427	\$ 1,405,824	397,575	704,050	...	\$ 1,839,719	168,748	\$ 170,898
1927 ...	2,572,954	4,334,196	442,160	1,482,899	406,154	688,250	666,251	1,666,401	164,239	168,406
1928 ...	1,968,709	3,665,944	766,453	1,966,903	434,702	755,139	488,150	1,515,606	110,588	115,571
1929 ...	2,078,004	3,813,828	902,720	2,685,853	431,921	755,230	659,880	1,883,170	162,598	157,055
1930 ...	1,645,100	2,869,379	621,264	2,104,892	367,362	645,739	608,152	1,655,113	92,775	91,943
1931 ...	1,449,305	2,562,326	556,799	1,761,453	346,383	563,682	593,232	1,368,513	...	...
1932 ...	1,266,787	2,113,327	582,373	1,817,217	250,481	386,898	427,923	1,120,410	...	...
1933 ...	1,260,182	2,068,885	523,191	1,613,435	241,707	403,434	407,448	1,091,007	...	...
1934 ...	1,491,608	2,282,975	763,879	2,368,836	282,084	413,380	541,567	1,488,205	...	...
1935 ...	1,483,375	2,448,624	953,730	2,848,661	288,382	451,195	555,230	1,491,114	...	...

Table 14 - PRODUCTION OF CERTAIN PAINTS, VARNISHES, ETC., in CANADA, 1926 - 1935.  
(concluded)  
(Including any produced in other industries)

Years	IRON OXIDE PAINTS		JAPANS		COLOURS IN OIL OR JAPAN	
	Imperial gallons	Selling value at works	Imperial gallons	Selling value at works	Pounds	Selling value at works
		\$		\$		\$
1926 .....					...	470,565
1927 .....					...	603,574
1928 .....	N O T SEPARATED		INCLUDED		...	489,368
1929 .....	70,539	69,257			2,141,883	472,275
1930 .....	68,849	57,194	WITH LACQUERS		1,922,162	439,939
1931 .....	69,934	93,281	118,961	166,073	1,563,401	302,219
1932 .....	34,572	51,284	131,708	153,280	1,256,131	253,921
1933 .....	32,230	47,950	95,289	94,055	1,242,446	242,224
1934 .....	43,342	58,117	109,481	107,218	1,365,682	286,753
1935 .....	43,357	65,077	115,284	125,842	1,391,239	256,381

Table 15 - IMPORTS INTO CANADA FOR CONSUMPTION OF PAINTS, PIGMENTS AND VARNISHES, 1935.

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Chemical Pigments, Lead -</u>					
Litharge .....	lb.	9,468	8,036	...	17,504
	\$	58,820	41,869	...	100,689
Lead, red, dry, and orange mineral.	lb.	462,945	132,198	441	595,584
	\$	27,202	8,158	32	35,392
Lead, white, dry .....	lb.	112	16,084	...	16,196
	\$	11	1,078	...	1,089
Lead, white, ground in oil .....	lb.	15,278	1,066	444	16,788
	\$	1,238	116	70	1,424
Antimony oxide and titanium oxide .	lb.	788,253	2,059,204	23,034	2,870,491
	\$	105,691	201,678	2,714	310,083
<u>Other Chemical Pigments -</u>					
Black, carbon .....	lb.	57,008	12,822,216	3,986	12,883,210
	\$	3,123	615,512	254	618,889
Blacks, lamp, bone and ivory .....	lb.	33,284	450,925	62,139	546,348
	\$	2,464	40,603	5,042	48,109
Blanc fixe .....	lb.	641,236	169,769	328,101	1,139,106
	\$	14,925	4,541	6,293	25,759
Brocade and bronze powders .....	lb.	5,770	32,986	14,034	52,790
	\$	2,845	17,967	5,063	25,875
Lithopone .....	lb.	7,841,630	3,113,504	6,428,139	17,383,273
	\$	272,293	137,289	211,033	620,615
Oxide of cobalt .....	lb.	110	50	...	160
	\$	148	25	...	173
Oxide of tin and copper .....	lb.	168,368	47,378	6,642	222,388
	\$	67,963	23,723	1,136	92,822
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.o. .	lb.	1,147,913	3,751,844	2,056,106	6,955,863
	\$	163,921	424,204	35,573	623,698

Table 15 - IMPORTS INTO CANADA, FOR CONSUMPTION, OF PAINTS, PIGMENTS AND VARNISHES, 1935  
(concluded)

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Other Chemical Pigments - concluded</u>					
Paris green, dry .....	lb.	33,510	...	...	33,510
	\$	5,545	...	...	5,545
Satin white .....	lb.	135,457	398,364	...	533,821
	\$	1,962	3,994	...	5,956
Ultramarine blue, dry or in pulp ...	lb.	242,444	134,127	15,865	392,436
	\$	27,930	20,343	1,863	50,136
Zinc white (zinc oxide) .....	lb.	10,389,970	970,029	408,315	11,768,314
	\$	389,597	53,708	16,817	460,122
<u>Mineral Earth Pigments -</u>					
Ochres, ochrey earths, siennas and umbers .....	lb.	369,828	1,589,749	1,149,626	3,109,203
	\$	9,092	25,480	20,089	54,661
Putty .....	lb.	8,333	51,058	373,575	432,966
	\$	546	3,441	4,951	8,938
Artists' paints, n.o.p., ground and liquid .....	\$	62,737	9,233	11,085	83,055
Gold liquid paint .....	\$	47	1,409	92	1,548
Liquid fillers, anti-corrosive and anti-fouling paints, and ground in liquid paints, n.o.p. ....	gal.	27,927	109,332	3,669	140,928
	\$	39,104	175,416	8,639	223,159
Paints and colours, ground in spirits, and all spirit varnishes and lacquers .....	gal.	1,163	12,111	893	14,167
	\$	4,382	38,517	2,344	45,243
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p. ....	gal.	7,362	82,812	638	90,837
	\$	14,161	160,960	1,824	176,945
Stains and oxides, valued at not less than 20 cents per pound for use exclusively as colouring constituents in the manufacture of vitreous enamels and pottery glazes; and liquid gold paint for use exclusively in the manufacture of tableware of china, porcelain or semi-porcelain .....	lb.	21,215	3,449	...	24,664
	\$	27,842	3,725	...	31,567
<b>TOTAL PAINTS, PIGMENTS AND VARNISHES .....</b>	<b>\$</b>	<b>1,303,589</b>	<b>2,012,989</b>	<b>534,914</b>	<b>3,651,492</b>

Table 16 - EXPORTS OF PAINTS, PIGMENTS AND VARNISHES FROM CANADA, 1935.

Items	Unit of measure	To	To	To	TOTAL
		UNITED KINGDOM	UNITED STATES	OTHER COUNTRIES	
Mineral pigments, iron oxides, ochres, etc. ....	cwt.	2,412	19,676	16,407	38,495
	\$	8,849	35,044	64,139	108,032
White lead, dry or in oil .....	cwt.	1,254	...	917	2,171
	\$	7,978	...	6,090	14,068
Paints, n.p.p. ....	\$	324,342	8,025	259,303	591,670
Putty .....	cwt.	19	4	467	490
	\$	116	20	1,626	1,762
Varnish .....	gal.	2,325	170	17,290	19,785
	\$	3,949	292	21,866	26,107
TOTAL .....	\$	545,234	43,381	353,024	741,639

Table 17 - INDEX NUMBERS OF WHOLESALE PRICES FOR PAINT MATERIALS, 1934 and 1935.

Unit	1 9 3 4		1 9 3 5		
	Relative		Relative		
	Average price	Average price	Average price	Average price	
	price (1926 = 100)	price (1926 = 100)	price (1926 = 100)	price (1926 = 100)	
	\$	\$	\$	\$	
Shellac .....	pound	0.243	65.9	0.161	43.6
White lead, basic carbonate .....	100 pounds	7.800	69.6	7.996	71.4
Zinc oxide .....	100 pounds	6.249	90.4	5.654	81.8
Red lead, 85 per cent .....	100 pounds	6.750	65.9	6.813	66.6
Lithopone .....	100 pounds	4.456	84.9	4.524	86.2
Litharge .....	pound	0.580	46.4	0.054	43.2
Lamp black, pure, dry .....	pound	0.105	75.0	0.105	75.0
Carbon black .....	pound	0.080	68.1	0.083	70.6
Putty, pure linseed oil .....	100 pounds	3.075	64.1	3.050	63.6
Index Paint Materials .....	xxx	...	70.0	...	67.0
<u>Prepared Paints -</u>					
Paint, pure white, first quality	Imp. gal.	3.55	77.8	3.333	73.0
Paint, coloured .....	Imp. gal.	3.35	79.5	3.200	76.0
Index Prepared Paints .....	xxx	...	72.6	...	74.4

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1935.

Names of Firms

Location of Plants

NOVA SCOTIA -

Brandram-Henderson, Limited

230 Kempt Rd., Halifax

NEW BRUNSWICK -

Maritime Paint & Chemical Co. Ltd.

348 Main St., Moncton

QUEBEC -

Army Navy Mfg. Products Reg'd.

910a St. George St., Montreal

Brandram-Henderson, Limited

6684 St. Urbain St., Montreal

Canadian Industries Limited

2100 St. Patrick St., Montreal

Carter White Lead Co. of Canada, Ltd.

1295 Delorimier Ave., Montreal

Cie de Peintures et Vernis Mont-Royal Ltee.

5669 Casgrain St., Montreal

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1935.  
(continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<b>QUEBEC - (concluded)</b>	
Coatwell Paint & Varnish Co. Ltd.	147 Nazareth St., Montreal
Colonial Print Co.	5409 St. Lawrence Blvd., Montreal
Conant Carbon Co. of Canada	3975 St. Ambroise St., Montreal
Cowens Chemical Products	923 Bleury St., Montreal
Crown Diamond Paint Co. Limited	41 Bates Road, Outremont
Dominion Metal Co. Ltd.	108 Frontenac St., Sherbrooke
International Paints (Canada) Limited	6700 Park Ave., and 1725 Basin St., Montreal
Jamieson, Jas. W., & Co. Limited	2691 Charlemagne St., Montreal
McArthur, Irwin, Limited	11 Bates Road, Outremont
Martin-Senour Co. Limited, The	6833 De L'Epee Ave., Montreal
Mount Royal Color & Varnish Co. Ltd.	5669 Casgrain St., Montreal
Ritchie Mfg. Co.	1081 Wellington St., Montreal
Rock Paint & Varnish Ltd.	583 Inspecteur St., Montreal
Sherwin-Williams Co. of Canada, Limited	2875 Centre St. and 1957 Hunter St., Montreal
Steel Company of Canada, Limited	2320 Notre Dame St. W., Montreal
Thorp-Hambrook Limited, and The Murphy Company Limited	2720 St. Patrick St., Montreal
Zinc Oxide Company of Canada, Limited	6890 Notre Dame St. E., Montreal
<b>ONTARIO -</b>	
Acme Paint & Varnish Co.	120 - 26th St., Long Branch
Adams Paint Mfg. Company Ltd.	Fort Erie North
Allen, Geo., Co.	159 Kendall Ave., Toronto
Aulcraft Paints Ltd.	325 Symington Ave., Toronto
Berry Brothers	Walker Road, Walkerville
Boulton Paint Co. Ltd.	120 Main St. N., Weston
Brooks Oil Co.	461 Cumberland Ave., Hamilton
Canada Varnish Co. Limited	53 Laird Drive, Leaside
Canadian Industries Limited	Perth and Kingsley Sts., Toronto
Claxton Mfg. Co.	Jane and Foxwell Aves., Toronto
Commercial Chemical Co.	Lee and Laird Drive, Leaside
Cosmos Chemical Co. Ltd.	Cavan St., Port Hope
Glidden Co. Limited	372 Wallace Ave., Toronto
Gypsum, Lime and Alabastine, Canada, Ltd.	Willow St., Paris
Hamilton Paint & Varnish Works	61 Biggar Ave., Hamilton
Hannan Varnish Co. Limited	178 N. Water St., Galt
Imperial Varnish & Color Co. Limited	8 Morse St., Toronto
Irvington Varnish & Insulator Co. of Canada, Ltd.	Kenilworth Ave. N., Hamilton
Lowe Brothers Co. Ltd.	263 Sorauren Ave., Toronto
Marietta Co. of Canada	40 Dovercourt Road, Toronto
Masse Wood Finishing Products	367 Sorauren Ave., Toronto
Moore, Benjamin, & Co. Limited	Mulock and Lloyd Aves., Toronto
Morin, J. H., & Co. Limited	54 Colborne St., Toronto
Muirhead, A., Co. Limited	217 King St. E., and 196 Eastern Ave., Toronto
Northern Paint & Varnish Co. Ltd.	1st Ave. W., Owen Sound
Northern Pigment Company Ltd.	22nd St., New Toronto
Ottawa Paint Works Limited	687 Wellington St., Ottawa



DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1935.  
(concluded)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO - (concluded)</u>	
Ontario Paint and Varnish Co. Limited	268 Pape Ave., Toronto
Penfound Varnish Co. Ltd.	25 Cariboo Ave., Toronto
Pratt & Lambert Inc.	254 Courtwright St., Fort Erie North
Scarfe & Co. Limited	35 Greenwich St., Brantford
Sinclair, Malcolm, Co. Ltd.	Dundas St., Oakville
Smyth, John, Mfg. Co.	Mt. Pleasant
Standard Paint & Varnish Co. Limited	Wyandotte St. W., Windsor
Sturgeons Limited	330 Carlaw Ave., Toronto
Toronto Putty Co.	142 Davenport Rd., Toronto
Trelco Limited	6 Alcina Ave., Toronto
Treuhaft Manufacturing Limited	Clark and Wickstead Sts., Leaside
Watts Chemical Co.	355 Weston Road S., Toronto
Weir, James, Co. Ltd.	24th St., Long Branch.
<u>MANITOBA -</u>	
International Laboratories Ltd.	490 Des Meurons, St. Boniface
Northern Paint Co. Ltd.	394 Gertrude Ave., Winnipeg
Sherwin-Williams Co. of Canada, Ltd.	110 Sutherland Ave., Winnipeg
Stephens, G. F., & Co. Ltd.	176 Market Ave. E., Winnipeg
<u>SASKATCHEWAN -</u>	
Beaver Paint Co. Ltd.	1727 St. John St., Regina
Canadian Industries Limited	Lorne and Fifth Aves., Regina
<u>ALBERTA -</u>	
Edmonton Paint & Glass Co. Ltd.	10049 - 105th St., Edmonton
Herbert Paint & Varnish Co. Ltd.	9th Ave. and 3rd St. W., Calgary
<u>BRITISH COLUMBIA -</u>	
Brandram-Henderson of B. C. Ltd.	Granville Island, Vancouver
British America Paint Co. Ltd.	680 Montreal St., Victoria
Darling, Henry, & Son, Ltd.	28 Powell St., Vancouver
General Paint Corporation of Canada, Ltd.	950 Raymur St., Vancouver
Grandolite Paint Co. Ltd.	1339 Richards St., Vancouver
Harte-Andrews Paints Ltd.	1302 Wharf St., Victoria
Martin-Senour Co. Ltd.	1505 Powell St., Vancouver
North West Products	1146 Union St., Vancouver
Staneland Co. Ltd.	Bay and Shakespeare Sts., Victoria

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