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Minister of Trade and Commerce.

CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CONSTRUCTION BRANCH

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REPORT  
ON THE  
CONSTRUCTION INDUSTRY  
IN  
CANADA  
1940



OTTAWA  
1942

Price 25 cents



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DOMINION BUREAU OF STATISTICS  
CONSTRUCTION BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)

Chief, Construction Branch, F. I. Tanner.

THE CONSTRUCTION INDUSTRY IN CANADA 1940.

This survey is based on reports received from General and Trade Contractors and Subcontractors, Municipalities, the Harbours Board and Dominion and Provincial Departments, and covers alterations, maintenance and repairs, as well as new construction. Statistics are presented for Canada as a whole and for each of the nine provinces individually, the survey thus being divided into ten sections.

Reports received in 1940 totalled 12,849, 746 less than were received in 1939, and of these 12,551 were submitted by general and trade contractors and subcontractors. The provincial distribution was as follows: Prince Edward Island, 47; Nova Scotia, 447; New Brunswick, 245; Quebec, 2,577; Ontario, 6,263; Manitoba, 643; Saskatchewan, 377; Alberta, 647, and British Columbia, 1,603.

The total value of work performed in 1940 amounted to \$474,122,778, an increase of \$100,919,098 or 27.0 per cent as compared with the previous year. Employment was given to 149,830 persons, 1,416 more than in the preceding year, and salaries and wages paid, \$180,229,498, were greater by \$26,787,055. Materials used cost \$267,228,785, an increase in expenditure for this purpose of \$77,731,444.

The character of construction operations in Canada changed decidedly during 1940. The impact of the war on the nature of building operations is strikingly illustrated by the following table which shows the changes in the type of construction work done.

Changes in Type of Construction in 1940 as Compared with 1939.

Type of Construction	1940	1939	+ Increase - Decrease
Total Value of Construction .....	474,122,778	373,203,680	+ 100,919,098
Building Construction .....	257,800,560	159,041,080	+ 98,759,480
Residential .....	59,925,197	53,926,429	+ 5,998,768
Institutional .....	17,208,419	21,214,315	- 4,005,896
Commercial .....	41,748,521	35,100,121	+ 6,648,400
Industrial (includes factories, warehouses, mine buildings, etc.) .....	80,624,101	36,654,828	+ 43,969,273
Other (includes armouries, barracks, hangars, etc.) .....	58,294,322	12,145,387	+ 46,148,935
Engineering, Harbours, Rivers, etc. .....	164,831,545	168,302,939	- 3,471,394
Streets, highways, etc. .....	60,468,279	86,666,394	- 26,198,115
Bridges, watermains, sewers, dams, reservoirs, etc. .....	23,093,053	25,582,167	- 2,489,114
Electric stations and transmission lines .....	33,718,009	27,520,189	+ 6,197,820
Docks, wharves, piers, etc. .....	4,809,071	9,232,258	- 4,423,187
Other engineering (includes landing fields, parks, canals, dredging, pile driving, etc.) .....	42,743,133	19,301,931	+ 23,441,202
Building Trades .....	51,490,673	45,859,661	+ 5,631,012

General and trade contractors and subcontractors were responsible for \$379,654,887 or 80.1 per cent of the value of work reported, Provincial Government Departments for \$35,860,979, Municipalities, \$19,618,187, Dominion Government Departments, \$37,725,635 and the Harbours Board, \$1,263,090.

New construction was undertaken to the extent of \$352,301,695, which was an increase of \$93,639,286 or 36.2 per cent, while alterations, maintenance and repairs, \$121,821,083, represented an increase of \$7,279,812, or 6.4 per cent. In this connection it may be interesting to note that new residential construction (under which is included dwellings, single, semi-detached or double, duplexes and apartment houses) totalled \$50,458,560, an increase of \$6,394,553 or 14.5 per cent.

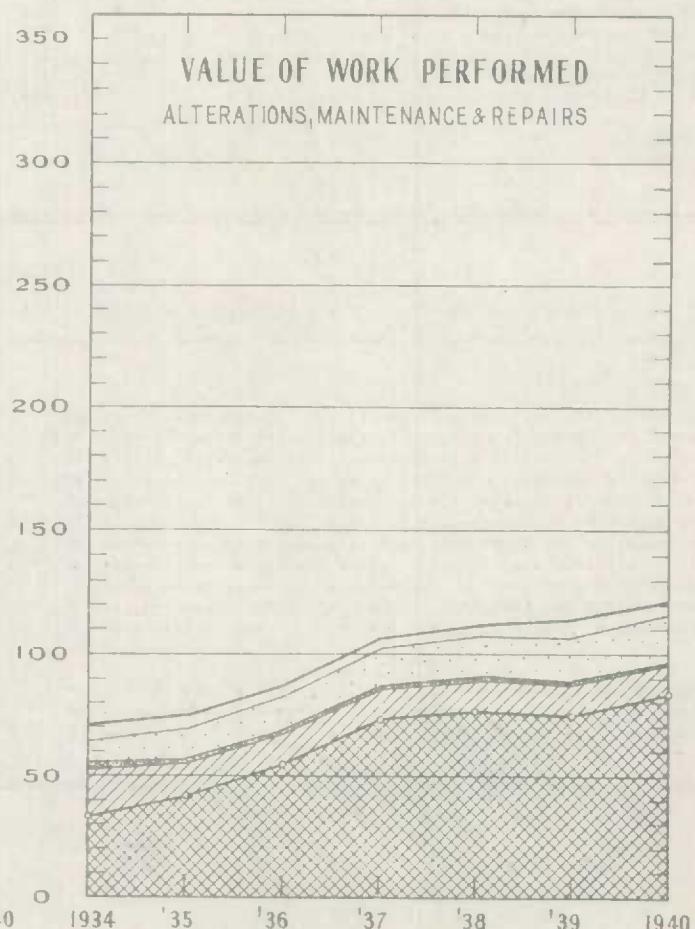
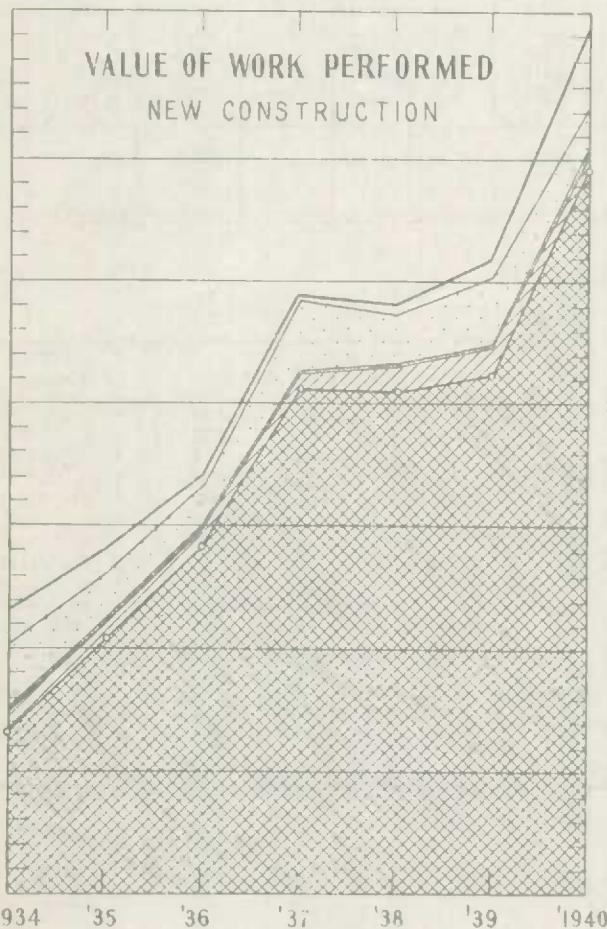
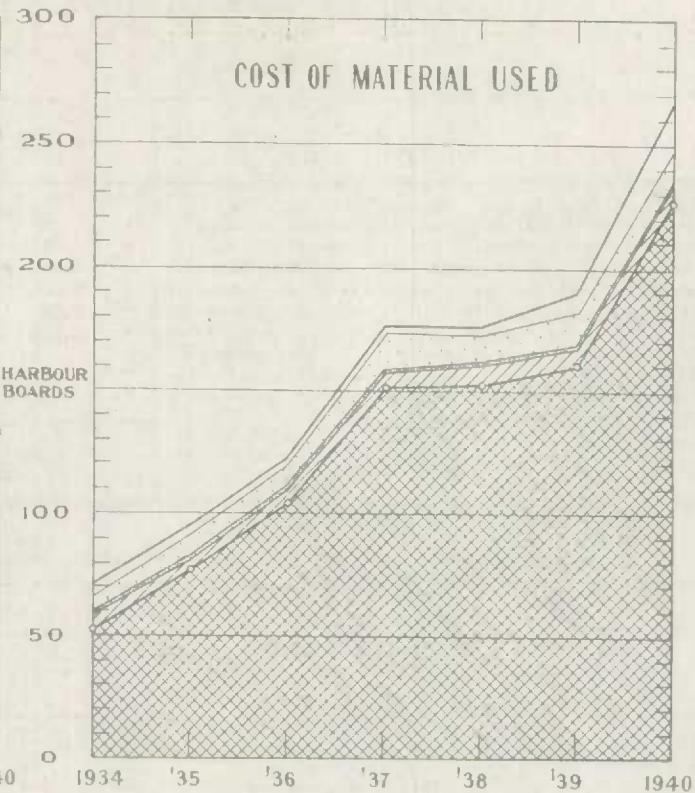
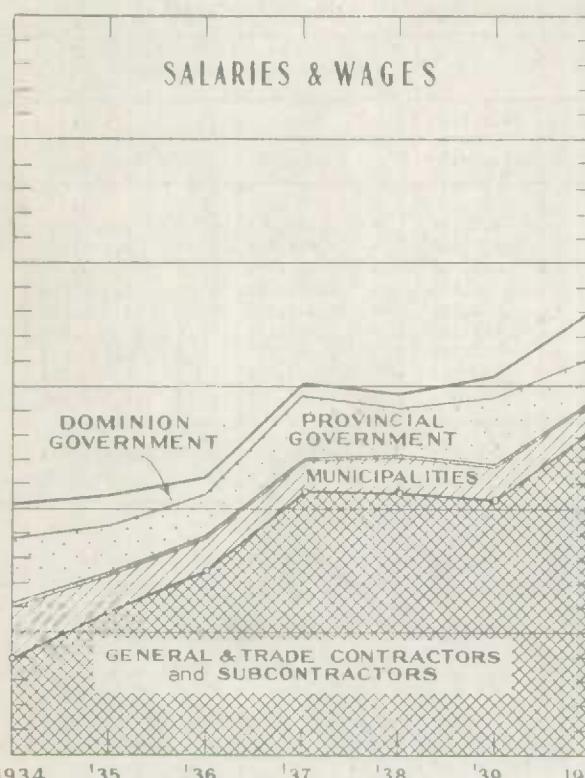
The 124,020 persons reported as wage-earners showed an increase in number as compared with the previous year, wages paid, \$144,447,805, were \$25,846,667 or 21.8 per cent higher. General and trade contractors and subcontractors reported the employment of 83,781 wage-earners, Provincial Government Departments, 18,227, Municipalities, 9,744, Dominion Government Departments, 11,655, and the Harbours Board, 613. As might be expected, the number of wage-earners varied considerably during the year. October with 188,544 was the month of maximum employment and February with 64,204 the minimum.

The Provinces of Ontario and Quebec dominated the construction picture. Together they reported 67.4 per cent of the value of work performed, 70.2 per cent of the employment given and 70.0 per cent of the salaries and wages paid. Ontario led Quebec in all items.

For detailed information concerning the construction industry, recourse should be had to the tables comprised in the body of this report.

# THE CONSTRUCTION INDUSTRY IN CANADA, 1934-1940

MILLION DOLLARS



THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

Table 1. - Actual Variations in the Principal Statistics of 1940 in comparison with 1939, by Provinces.

Provinces	Employees	Salaries and wages Paid		Cost of Materials	Value of Work Performed
		No.	\$		
Prince Edward Island .....	+ 354	+ 451,118	+ 1,438,085	+ 2,199,519	
Nova Scotia .....	+ 1,486	+ 3,270,626	+ 5,486,687	+ 8,746,955	
New Brunswick .....	- 1,037	- 834,716	+ 493,171	- 1,883,293	
Quebec .....	- 8,680	+ 2,639,168	+ 8,355,553	+ 8,909,316	
Ontario .....	+ 5,867	+ 14,050,190	+ 37,351,880	+ 47,474,986	
Manitoba .....	+ 1,426	+ 2,445,562	+ 6,040,560	+ 10,324,079	
Saskatchewan .....	+ 33	+ 980,349	+ 6,517,657	+ 7,814,348	
Alberta .....	+ 1,669	+ 1,805,882	+ 7,034,754	+ 9,493,349	
British Columbia .....	+ 298	+ 1,978,876	+ 5,013,097	+ 7,779,839	
CANADA .....	+ 1,416	+ 26,787,055	+ 77,731,444	+ 100,919,098	

Table 2. - Percentage Distribution of the Principal Statistics of 1940 in comparison with 1939 by Provinces.

	Employees		Salaries and wages Paid		Cost of Materials		Value of Work Performed	
	1939	1940	1939	1940	1939	1940	1939	1940
Prince Edward Island .....	.5	.7	.5	.7	.4	.8	.5	.9
Nova Scotia .....	5.0	5.9	5.2	6.3	5.3	5.8	5.3	6.0
New Brunswick .....	4.2	3.5	3.7	2.7	3.3	2.6	4.0	2.7
Quebec .....	37.5	31.4	34.3	30.6	30.9	25.0	31.8	26.9
Ontario .....	35.3	38.9	37.1	39.4	40.3	42.5	38.8	40.6
Manitoba .....	3.4	4.3	3.6	4.4	4.4	5.4	4.0	5.3
Saskatchewan .....	3.1	3.1	3.1	3.1	3.0	4.6	3.6	4.5
Alberta .....	3.8	4.8	4.5	4.8	4.7	6.0	4.8	5.8
British Columbia .....	7.2	7.4	8.0	8.0	7.7	7.3	7.2	7.3
CANADA .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 3. - Comparison of the Principal Statistics of the Construction Industry in Canada, 1939 and 1940.

	No.	1939		1940		+ Increase - Decrease
		\$	%	\$	%	
Reports received .....	No.	13,595		12,849		- 746
Salaried employees .....	No.	26,809		25,810		- 999
Salaries paid .....	\$	34,841,305		35,781,693		+ 940,388
Wage-earning employees (average) .....	No.	121,605		124,020		+ 2,415
Wages paid .....	\$	118,601,138		144,447,805		+ 25,846,667
Total employees .....	No.	148,414		149,830		+ 1,416
Total salaries and wages paid .....	\$	153,442,443		180,229,498		+ 26,787,055
Cost of materials used .....	\$	189,497,342		267,228,786		+ 77,731,444
Value of work performed .....	\$	373,203,680		474,122,778		+ 100,919,098
New construction (Including subcontract work) .....	\$	258,662,409		352,301,695		+ 93,639,286
Alterations, maintenance and repairs .....	\$	114,541,271		121,821,023		+ 7,279,812
Subcontract work performed .....	\$	59,354,069		95,863,363		+ 36,509,294
New construction .....	\$	49,980,711		84,837,043		+ 34,856,332
Alterations, maintenance and repairs .....	\$	9,373,358		11,026,321		+ 1,652,963

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

Table 4. - Statement of the Construction Industry in Canada, 1934 - 1940.

	1934	1935	1936	1937	1938	1939	1940
Reports received ..... No.	9,527	7,689	9,976	10,855	12,964	13,595	12,849
Salaried employees .... No.	15,294	18,670	21,059	22,431	25,278	26,809	25,810
Salaries paid ..... \$	16,928,242	22,579,526	25,270,846	30,398,287	34,809,919	34,841,305	35,781,693
wage-earning employees - Average .... No.	157,859	126,098	121,285	129,221	121,913	121,605	124,020
Wages paid ..... \$	84,679,986	82,607,097	87,575,538	120,239,004	112,595,479	118,601,138	144,447,805
Total employees ..... No.	173,153	144,768	142,344	151,652	147,191	148,414	149,830
Total salaries and wages paid .. \$	101,608,228	105,186,623	112,846,384	150,637,291	147,405,398	153,442,443	180,229,498
Cost of materials used \$	70,792,135	94,733,584	122,189,238	175,844,435	176,562,208	189,497,342	267,228,786
Value of work performed \$	186,198,890	215,548,873	258,040,400	351,874,114	353,223,285	373,203,680	474,122,778
New construction ... \$	115,988,781	140,988,228	170,645,824	244,946,916	240,549,164	258,662,409	352,301,695
Alterations, repairs, etc. ... \$	70,210,109	74,560,645	87,394,576	106,927,198	112,674,121	114,541,271	121,821,083
Building Construction . \$	51,958,121	71,302,664	100,098,833	130,538,998	134,912,175	159,041,080	257,800,560
Residential ..... \$	13,972,110	18,522,118	31,265,629	40,675,617	46,423,856	53,926,429	59,925,197
Institutional ..... \$	7,501,080	7,310,686	9,216,887	13,590,401	22,539,900	21,214,315	17,208,419
Commercial ..... \$	9,030,135	16,776,463	20,560,054	28,768,233	31,596,518	35,100,121	41,748,521
Industrial ..... \$	7,997,286	10,176,142	23,636,689	40,781,825	28,890,866	36,654,828	80,624,101
Other building ..... \$	13,457,510	18,517,255	15,419,574	6,722,922	5,461,035	12,145,387	58,294,322
Engineering, Harbours, Rivers, etc. .... \$	111,487,528	117,395,623	118,460,058	173,819,350	171,768,145	168,302,939	164,831,545
Streets, highways, etc. .... \$	61,254,739	60,094,281	60,222,073	93,320,022	90,618,078	86,666,394	60,468,279
Bridges, viaducts, etc. .... \$	5,454,584	6,659,829	10,064,552	15,726,839	12,876,724	10,129,546	7,188,649
Water mains, sewers, etc. .... \$	11,708,030	8,870,617	9,054,340	9,279,550	12,224,898	12,373,948	12,267,214
Dams, reservoirs, etc. \$	2,991,000	870,326	1,134,120	1,904,123	2,404,864	3,078,673	3,637,190
Electric stations and transmission lines . \$	3,002,420	9,240,027	13,795,377	24,583,530	27,964,296	27,520,189	33,718,009
Docks, wharves, piers, etc. .... \$	8,295,088	10,583,150	10,160,697	9,362,133	8,333,588	9,232,258	4,809,071
All other engineering, etc. .... \$	18,781,667	21,077,393	14,028,899	19,143,153	17,345,697	19,301,931	42,743,133
Building Trades, (jobbing) \$	22,753,241	26,850,586	39,481,509	48,015,766	46,542,965	45,859,661	51,490,673
Electrical work .... \$	1,905,562	2,239,733	4,367,579	5,224,308	5,359,723	4,568,876	5,036,352
Plumbing, heating and air conditioning ... \$	7,281,375	9,103,277	14,134,889	16,977,428	16,619,462	15,899,175	17,712,940
Brick, masonry and concrete ..... \$	2,035,994	2,783,667	2,326,852	2,175,082	2,168,163	2,102,490	2,095,012
Carpentry ..... \$	1,211,428	1,149,944	1,576,016	1,450,444	1,862,973	1,953,966	2,498,457
Painting, decorating and glazing ..... \$	2,908,009	3,691,904	5,031,050	5,543,755	5,721,462	6,071,890	6,892,340
Lathing, plastering and stucco ..... \$	271,262	491,475	1,018,783	1,265,301	1,205,389	993,089	1,187,082
Sheet metal work and metal roofing ..... \$	1,174,909	1,584,745	3,365,846	4,117,714	3,917,582	3,597,205	3,920,122
Other roofing ..... \$	674,537	1,095,882	1,253,236	1,961,479	2,034,562	2,029,321	2,738,856
Other trades ..... \$	5,290,185	4,709,959	6,407,258	9,300,255	7,653,549	8,643,649	9,409,512

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

Table 5. - Statement of the Construction

	CANADA	PROVINCES		
		Prince Edward Island	Nova Scotia	New Brunswick
Reports received .....	No.	12,849	47	447
Salaried employees .....	No.	25,810	84	1,002
Salaries paid .....	\$	35,781,693	163,433	1,291,774
Wage-earning employees - Average .....	No.	124,020	986	7,853
Wages paid .....	\$	144,447,805	1,066,779	9,992,907
Total employees .....	No.	149,830	1,070	8,855
Total salaries and wages paid .....	\$	180,229,498	1,230,212	11,284,681
Cost of materials used .....	\$	267,228,786	2,269,190	15,589,741
Value of work performed .....	\$	474,122,778	4,147,583	28,637,404
New construction .....	\$	352,301,695	3,900,457	22,613,827
Alterations, repairs, etc. ....	\$	121,821,083	247,126	6,023,577
Building Construction .....	\$	257,800,560	2,418,197	15,019,633
Residential .....	\$	59,925,197	48,631	1,591,973
Institutional .....	\$	17,208,419	1,776	665,602
Commercial .....	\$	41,748,521	75,898	1,493,328
Industrial .....	\$	80,624,101	74,898	1,479,741
Other building .....	\$	58,294,322	2,216,994	9,788,989
Engineering, Harbours, Rivers, etc. ....	\$	164,831,545	1,549,497	12,137,120
Streets, highways, etc. ....	\$	60,468,279	223,323	4,028,960
Bridges, viaducts, etc. ....	\$	7,188,649	x	445,996
Water mains, sewers, etc. ....	\$	12,267,214	x	312,789
Dams, reservoirs, etc. ....	\$	3,637,190	-	33,761
Electric stations and transmission lines	\$	33,718,009	11,188	293,964
Docks, wharves, piers, etc. ....	\$	4,809,071	36,953	1,768,054
All other engineering, etc. ....	\$	42,743,133	1,278,033	5,253,596
Building Trades (jobbing) .....	\$	51,490,673	179,889	1,480,651
Electrical work .....	\$	5,036,352	11,854	159,626
Plumbing, heating and air conditioning ..	\$	17,712,940	149,400	583,384
Brick, masonry and concrete .....	\$	2,095,012	x	28,718
Carpentry .....	\$	2,498,457	4,242	91,830
Painting, decorating and glazing .....	\$	6,892,340	x	193,517
Lathing, plastering and stucco .....	\$	1,187,082	-	7,726
Sheet metal work and metal roofing .....	\$	3,920,122	x	167,839
Other roofing .....	\$	2,738,856	x	24,293
Other trades .....	\$	9,409,512	14,393	223,718

x - Unable to specify.

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

Industry for Canada and by Provinces, 1940.

PROVINCES					
Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
2,577	6,263	643	377	647	1,603
6,941	11,994	1,213	681	1,075	2,342
10,284,357	16,089,768	1,739,712	917,041	1,460,691	3,138,554
40,100	46,211	5,210	4,012	6,177	8,707
44,956,663	54,877,348	6,287,710	4,751,449	7,179,522	11,195,852
47,041	58,205	6,423	4,693	7,252	11,049
55,241,020	70,967,116	8,027,422	5,668,490	8,640,213	14,334,406
66,877,923	113,645,562	14,319,806	12,173,867	15,903,730	19,623,541
127,438,996	192,304,380	25,232,785	21,243,412	27,350,018	34,765,372
94,231,903	138,920,579	18,646,411	16,474,214	20,637,538	27,164,043
33,207,093	53,383,701	6,586,374	4,769,198	6,712,480	7,601,329
68,951,982	100,567,624	13,956,473	11,886,030	17,904,743	21,608,328
15,870,397	26,592,020	2,926,970	721,377	1,886,560	9,822,354
6,933,566	5,400,370	299,731	336,950	672,258	2,350,989
8,300,541	16,966,182	2,679,315	4,954,842	4,123,992	2,575,962
29,194,848	33,612,348	5,312,676	640,395	4,440,662	5,509,184
8,652,630	17,996,704	2,737,781	5,234,466	6,781,271	1,349,839
45,492,870	65,149,282	8,498,990	8,135,704	7,438,714	9,843,206
18,133,523	26,924,024	1,754,360	2,087,769	3,163,020	2,030,949
1,810,784	2,782,350	107,382	123,641	459,356	250,017
3,398,750	4,787,955	546,482	742,883	816,038	1,320,392
1,600,770	921,546	70,648	334,594	103,876	551,981
13,702,946	16,284,581	425,072	173,580	923,931	1,407,158
1,133,718	609,832	40,752	20,202	7,637	944,366
5,712,379	12,838,994	5,554,294	4,653,035	1,964,856	3,338,343
12,994,144	26,587,474	2,777,322	1,219,678	2,006,561	3,313,838
915,674	2,773,601	330,519	243,242	179,074	369,656
3,534,627	9,943,379	960,442	395,167	882,922	917,926
593,348	985,122	126,167	15,076	134,298	166,819
290,776	1,772,681	75,984	35,614	51,006	96,047
1,611,636	3,431,108	416,130	254,411	277,939	608,470
236,440	666,208	88,312	27,074	59,672	84,950
786,488	1,917,492	292,790	128,005	131,941	404,680
1,021,722	1,411,223	83,019	27,999	59,822	97,575
4,003,433	3,686,660	403,959	93,090	229,887	567,715

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 6. - Principal Statistics of the Construction Industry in Canada in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
	No.	No.	\$	\$	\$	\$	\$
<u>1939</u>							
General and Trade Contractors and Subcontractors .....	13,285	91,147	103,883,416	160,521,326	211,689,948	75,022,511	286,712,459
Municipalities .....	237	13,980	14,109,547	7,758,012	10,619,360	13,104,332	23,723,692
The Harbours Board .....	12	833	815,223	375,080	384,792	1,022,894	1,407,686
Provincial Government Departments .....	19	34,440	26,443,065	14,107,503	27,435,611	18,814,281	46,249,892
Dominion Government Departments ..	42	8,014	8,191,192	6,735,421	8,532,698	6,577,253	15,109,951
Totals .....	13,595	148,414	153,442,443	189,497,342	258,662,409	114,541,271	373,203,680
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	12,551	103,898	131,247,964	227,378,273	295,677,227	83,977,660	379,654,887
Municipalities .....	234	11,208	12,023,830	6,613,314	7,237,815	12,380,372	19,618,187
The Harbours Board .....	12	728	806,203	294,427	174,884	1,088,206	1,263,090
Provincial Government Departments .....	19	21,377	18,001,253	13,394,980	17,259,285	18,601,694	35,860,979
Dominion Government Departments ..	33	12,619	18,150,248	19,547,792	31,952,484	5,773,151	37,725,635
Totals .....	12,649	149,830	180,229,498	267,228,786	352,301,595	121,821,083	474,122,778

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single .....	29,852,319	6,043,462	35,895,781	37,040,074	6,115,057	43,155,131
Dwellings, semi-detached or double .....	2,727,562	893,936	3,621,498	3,702,490	826,798	4,529,288
Duplexes .....	3,199,693	876,720	4,076,413	3,333,265	806,076	4,139,341
Apartment houses .....	8,284,533	2,048,204	10,332,737	6,382,831	1,718,606	8,101,437
Hotels, clubs, restaurants, etc. ....	2,031,816	1,055,704	3,087,750	1,511,077	1,371,193	2,882,270
Churches and church halls .....	1,809,929	709,672	2,519,601	1,540,537	460,037	2,000,574
Hospitals and sanatoria .....	5,421,999	1,013,781	6,435,780	5,551,560	754,436	6,305,996
Schools, institutions, etc. ....	9,747,119	2,511,815	12,258,934	7,505,245	1,396,604	8,901,849
Office buildings .....	8,718,663	3,203,412	11,922,075	7,380,741	3,052,874	10,433,615
Stores .....	4,584,350	3,615,440	8,199,790	4,347,593	5,044,117	9,391,710
Theatres and amusement halls .....	2,150,868	540,210	2,691,078	2,556,065	568,435	3,124,500
Factories, warehouses and storehouses .....	21,385,961	8,416,306	29,802,267	59,680,140	13,772,599	73,460,739
Elevators, grain .....	1,867,008	2,168,493	4,035,501	8,149,389	2,621,911	10,771,300
Garages .....	1,360,090	425,903	1,785,993	1,428,556	634,395	2,062,951
Service stations .....	1,397,227	1,815,452	3,212,679	1,011,964	1,750,615	2,762,579
Mine buildings .....	6,372,340	480,221	6,852,561	6,557,867	605,495	7,163,362
Farm buildings .....	1,135,562	364,587	1,500,149	878,936	286,771	1,165,707
Radio stations .....	162,409	-	162,409	234,185	85,411	319,596
Armouries and barracks .....	3,920,383	1,945,449	5,865,832	34,797,054	1,763,703	36,580,757
Aeroplane hangars .....	720,534	-	720,534	18,379,614	-	18,379,614
Buildings, unable to specify .....	2,228,785	1,833,163	4,061,948	705,612	1,462,632	2,168,244

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction</u>	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc. ....	24,992,482	5,200,636	30,193,118	15,626,600	6,082,325	21,708,925
Gravel or stone surfaced streets, highways, etc. ....	22,341,051	11,594,003	33,935,054	12,412,388	9,938,332	22,350,720
Dirt or clay roads ....	3,362,483	1,739,714	5,102,197	1,525,972	2,210,789	3,736,761
Grading, scraping, oiling, filling, etc. ....	7,676,528	3,904,747	11,581,275	3,498,088	4,471,734	7,969,822
Sidewalks ....	837,674	640,680	1,478,354	537,972	629,261	1,167,233
Roadside maintenance and area improvement ....	310,636	2,290,054	2,600,690	133,017	1,744,762	1,877,779
Bridges, viaducts, all types ....	5,597,782	2,084,331	7,682,113	3,479,811	1,910,934	5,390,745
Subways, overhead crossings, etc. ....	877,228	19,025	896,253	536,755	16,565	603,330
Culverts ....	1,100,505	450,675	1,551,180	738,096	456,478	1,194,574
Water mains and connections ....	3,623,991	2,449,700	6,073,691	3,923,615	2,221,188	6,144,804
Sewers and connections ....	3,099,934	757,423	3,857,357	2,782,690	665,796	3,448,486
Storm sewers ....	831,335	144,375	975,910	1,146,091	187,145	1,333,236
Tile drains, drainage ditches etc.						
open sewers ....	334,457	365,812	700,269	593,678	315,482	909,160
Dams and reservoirs ....	2,093,342	942,517	3,035,859	3,130,523	506,667	3,637,190
Fencing (excluding temporary snow fencing) ....	922,962	67,796	990,758	783,742	39,706	823,448
Guard rails ....	245,005	133,641	378,646	198,275	135,390	333,665
Signs ....	148,243	144,457	292,700	97,373	191,377	288,750
Zone painting ....	10,099	103,503	113,602	36,986	174,190	211,176
Electric stations, power plants, etc. ....	16,195,118	3,162,456	19,357,574	17,830,574	4,150,903	21,981,477
Transmission lines and towers ....	6,422,561	1,538,256	7,960,817	9,985,415	1,430,255	11,415,670
Installation of boilers and machinery ....	-	-	-	805,869	-	805,869
Railway (steam) construction work ....	700,016	246,384	946,400	819,698	625,644	1,445,342
Aerodromes or landing fields ....	3,954,494	220,480	4,174,974	27,615,799	290,944	27,906,743
Park systems (including grounds and walks) ....	1,667,915	1,830,175	3,498,090	489,518	1,657,046	2,146,564
Underground conduits ....	716,503	-	716,503	424,977	-	424,977
Telephone and telegraph lines ....	81,428	120,370	201,798	181,075	139,787	320,362
Gas mains and connections ....	2,386	973	3,359	-	221,990	221,990
Engineering, unable to specify ....	1,604,357	459,886	2,064,243	3,160,355	1,334,297	4,494,652
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .	4,782,002	2,179,965	6,951,967	2,585,367	1,191,000	3,776,867
Retaining walls, embankments and riprapping ....	1,897,992	372,299	2,270,291	779,294	252,910	1,032,204
Canals and waterways ....	318,577	332,805	651,382	-	317,948	317,948
Dredging ....	4,867,324	1,499,562	6,366,586	-	1,044,462	1,044,462
Pile driving ....	167,897	56,550	224,447	178,092	57,755	235,877
Works, unable to specify ....	672,654	792,828	1,465,482	4,098,327	31,910	4,130,237
<u>Trade Construction</u>						
Air conditioning ....	420,073	116,584	536,657	546,878	182,845	729,723
Bricklaying ....	326,967	584,342	911,309	377,492	565,513	943,005
Carpentry work ....	481,654	1,472,312	1,953,966	689,045	1,809,412	2,498,457
Commercial refrigeration ....	392,486	245,628	638,114	369,760	224,824	594,584
Concreteing and cement work ....	571,954	437,014	1,008,958	473,047	482,986	956,033
Electrical work ....	1,555,567	3,013,309	4,568,876	1,682,745	3,353,607	5,036,352
Elevators, service ....	976,961	1,026,109	2,003,070	831,536	1,202,047	2,033,583
Excavating ....	1,323,726	129,674	1,453,400	1,729,529	127,705	1,857,234
Flooring ....	165,235	304,693	469,928	122,792	319,319	442,111
Glass and glazing ....	289,824	623,546	913,370	368,366	591,720	960,866

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Trade Construction - concluded.</u>	\$	\$	\$	\$	\$	\$
Lathing, plastering and stucco .....	424,215	568,874	993,089	554,033	633,049	1,187,082
Masonry and stone work .....	63,367	118,846	182,213	79,060	116,914	195,974
Ornamental iron work .....	243,505	130,799	374,304	140,832	119,258	260,090
Painting and decorating .....	501,683	4,656,837	5,158,520	749,275	5,182,979	5,932,254
Plumbing, heating and sanitary engineering .....	5,141,011	10,221,507	15,362,518	5,818,301	11,164,916	16,983,217
Roofing, sheet metal .....	282,228	676,563	958,791	253,905	902,850	1,156,755
Roofing, all other .....	494,582	1,534,739	2,029,321	1,095,962	1,642,894	2,738,856
Sheet metal work, other than roofing.	1,001,235	1,637,179	2,638,414	1,114,245	1,649,122	2,763,367
Sprinkler installation .....	523,248	36,467	559,715	482,274	86,444	568,718
Structural steel work .....	1,288,706	79,894	1,368,600	1,233,662	361,465	1,595,127
Tiling, marble and terrazzo .....	376,318	327,918	704,236	273,461	393,512	666,973
Weatherstripping and insulation .....	136,200	539,905	676,105	392,888	642,480	1,035,368
Wrecking and demolition .....	-	186,451	186,451	-	215,496	215,496
Trades, unable to specify .....	145,653	64,073	209,726	53,269	86,959	140,228
<b>TOTAL VALUE OF WORK PERFORMED ..</b>	<b>258,662,409</b>	<b>114,541,271</b>	<b>373,203,580</b>	<b>352,301,695</b>	<b>121,821,083</b>	<b>474,122,778</b>

Table 8. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	29,691,962	5,933,560	35,625,522	34,761,197	5,752,746	40,513,943
Dwellings, semi-detached or double ...	2,727,562	893,936	3,621,498	3,702,490	826,798	4,529,288
Duplexes .....	3,199,693	876,720	4,076,413	3,333,265	806,076	4,139,341
Apartment houses .....	8,284,533	2,048,204	10,332,737	6,382,831	1,718,606	8,101,437
Hotels, clubs, restaurants, etc. ....	2,026,497	1,043,656	3,070,153	1,502,488	1,352,130	2,854,618
Churches and church halls .....	1,809,929	709,672	2,519,601	1,540,537	460,037	2,000,574
Hospitals and sanatoria .....	5,263,324	981,078	6,245,202	4,912,427	657,096	5,569,523
Schools, institutions, etc. ....	9,519,601	2,476,130	11,995,731	7,479,343	1,338,901	8,818,244
Office buildings .....	8,386,815	2,523,374	10,910,189	6,651,560	2,265,353	8,915,913
Stores .....	4,584,350	3,615,440	8,199,790	4,347,593	5,044,117	9,391,710
Theatres and amusement halls .....	1,559,258	539,262	2,098,520	2,487,606	564,740	3,052,346
Factories, warehouses and storehouses .....	21,006,491	7,991,004	28,997,495	59,022,568	13,185,652	72,208,220
Elevators, grain .....	1,861,993	1,979,688	3,841,681	8,148,750	2,414,324	10,563,074
Garages .....	1,211,319	265,147	1,476,466	1,206,340	535,582	1,741,922
Service stations .....	1,397,227	1,815,452	3,212,679	1,011,964	1,750,615	2,762,579
Mine buildings .....	6,372,340	480,221	6,852,561	6,557,867	605,495	7,163,362
Farm buildings .....	1,071,893	330,342	1,402,235	821,664	276,328	1,097,992
Aeroplane hangars .....	596,825	-	596,825	18,379,614	-	18,379,614
Radio stations .....	162,409	-	162,409	234,185	85,411	319,596
Armouries and barracks .....	895,975	254,065	1,150,040	8,315,943	215,313	8,531,256
Buildings, unable to specify .....	282,100	720,922	1,003,022	277,482	1,095,884	1,373,366
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	17,118,522	1,084,232	18,202,754	8,576,623	1,285,904	9,862,527
Gravel or stone surfaced streets, highways, etc. ....	13,938,442	1,581,635	15,520,077	8,484,780	952,266	9,437,046
Dirt or clay roads .....	1,070,197	119,439	1,189,636	403,846	-	403,846

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 8. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Engineering Construction - concluded.</u>						
Grading, scraping, oiling, filling, etc. ....	5,316,873	787,266	6,104,139	2,708,418	570,396	3,278,714
Sidewalks .....	245,773	15,123	260,896	186,836	20,172	207,008
Bridges, viaducts, all types .....	2,866,166	216,375	3,082,541	1,794,466	121,967	1,916,433
Subways, overhead crossings, etc. ....	434,973	-	434,973	302,025	-	302,025
Culverts .....	365,104	12,975	378,079	175,151	18,050	193,201
Watermains and connections .....	645,996	110,969	756,965	1,883,092	89,530	1,972,622
Sewers and connections.....	903,838	75,054	978,892	1,532,230	63,013	1,595,243
Storm sewers .....	342,998	832	343,830	290,886	-	290,886
Open sewers or drains .....	38,689	31,856	70,545	221,488	14,580	236,068
Dams and reservoirs .....	1,710,500	563,933	2,274,433	2,998,763	268,629	3,267,392
Fencing (excluding temporary snow fencing) .....	92,287	1,894	94,181	294,115	5,206	299,321
Electric stations, power plants, etc. ....	16,182,900	3,111,173	19,294,073	17,820,074	4,133,709	21,953,783
Installation of boilers and machinery .....	-	-	-	805,869	-	805,869
Transmission lines and towers .....	6,083,639	982,630	7,066,469	9,706,904	930,939	10,637,843
Railway (steam) construction work ...	613,801	74,738	688,589	796,688	442,183	1,238,871
Aerodromes or landing fields .....	3,606,900	-	3,606,900	27,597,551	248,755	27,846,306
Underground conduits .....	715,592	-	715,592	424,977	-	424,977
Gas mains and connections .....	-	-	-	-	220,900	220,900
Engineering, unable to specify .....	1,845,743	606,653	2,452,396	2,758,306	595,192	3,353,498
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and break- waters .....	4,157,597	714,188	4,871,785	2,445,242	410,319	2,855,561
Retaining walls, embankments and riprapping .....	261,200	63,171	324,371	223,272	143,917	367,189
Canals and waterways .....	189,547	-	189,547	-	-	-
Dredging .....	4,650,926	666,320	5,317,246	-	-	-
Pile driving .....	157,897	55,852	223,749	178,092	57,785	235,877
Works, unable to specify .....	78,160	38,148	116,308	3,973,994	462,743	4,436,737
<u>Trade Construction</u>						
Air conditioning .....	420,073	116,584	536,657	546,878	182,845	729,723
Bricklaying .....	326,967	584,342	911,309	377,492	565,513	943,005
Carpentry work .....	481,654	1,472,312	1,953,966	689,045	1,809,412	2,498,457
Commercial refrigeration .....	392,486	245,628	638,114	369,760	224,824	594,584
Concreting and cement work .....	571,954	437,014	1,008,968	473,047	482,986	956,033
Electrical work .....	1,555,567	3,013,309	4,568,876	1,682,745	3,353,607	5,036,352
Elevators, service .....	976,961	1,026,109	2,003,070	831,536	1,202,047	2,033,583
Excavating .....	330,920	25,593	356,513	312,997	39,790	352,787
Flooring .....	165,235	304,693	469,928	122,792	319,319	442,111
Glass and glazing .....	289,824	623,546	913,370	368,366	591,720	960,086
Lathing, plastering and stucco .....	424,215	568,874	993,089	554,033	633,049	1,187,082
Masonry and stone work .....	63,367	118,246	182,213	79,060	116,914	195,974
Ornamental iron work .....	243,505	130,799	374,304	120,832	119,258	260,090
Painting and decorating .....	501,683	4,656,837	5,158,520	749,275	5,182,979	5,932,254
Plumbing, heating and sanitary engineering .....	5,141,011	10,221,507	15,362,518	5,818,301	11,164,916	16,983,817
Roofing, sheet metal .....	282,228	676,563	958,791	253,905	902,850	1,156,755
Roofing, all other .....	494,582	1,534,739	2,029,321	1,095,962	1,642,894	2,738,856
Sheet metal work, other than roofing .....	1,001,235	1,637,179	2,638,414	1,114,245	1,649,122	2,763,367
Sprinkler installation .....	523,248	36,467	559,715	482,274	86,444	568,718
Structural steel work .....	1,288,706	79,894	1,368,600	1,233,662	361,465	1,595,127
Tiling, marble and terrazzo .....	376,318	327,918	704,236	273,461	393,512	666,973
Weatherstripping and insulation .....	136,200	539,905	676,105	392,888	642,480	1,035,368
Wrecking and demolition .....	-	186,451	186,451	-	215,496	215,496
Trades, unable to specify .....	145,653	64,073	209,726	53,269	86,959	140,228
TOTAL VALUE OF WORK PERFORMED ..	211,689,948	75,022,511	286,712,459	295,677,227	83,977,660	379,654,887

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

C A N A D A

Table 9. - Description, Classification and Value of Work Performed in Canada by Subcontractors in 1939 and 1940.

	1 9 3 9			1 9 4 0		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning .....	644,700	130,491	775,191	739,052	147,901	886,953
Bricklaying .....	1,070,651	109,504	1,180,155	1,303,337	199,480	1,502,817
Carpentry work .....	563,504	141,517	805,121	880,230	114,582	994,812
Commercial refrigeration .....	55,214	81,395	136,609	69,328	2,570	71,898
Concreting and cement work .....	919,910	204,207	1,124,117	1,697,154	179,731	1,876,885
Electrical work .....	3,673,526	1,022,114	4,695,640	7,147,157	1,924,877	9,072,033
Elevators, service .....	368,020	27,509	395,529	709,632	9,650	719,282
Excavating .....	593,005	14,533	604,538	1,469,000	30,821	1,499,821
Flooring .....	707,521	221,822	929,343	1,040,854	258,814	1,299,668
Glass and glazing .....	859,963	577,179	1,437,142	990,364	551,615	1,541,979
Lathing, plastering and stucco .....	3,363,564	537,204	3,900,768	3,612,437	642,728	4,255,165
Masonry and stone work .....	614,351	43,672	658,023	499,793	46,491	549,284
Ornamental iron work .....	891,287	150,954	1,052,341	1,085,726	108,938	1,194,664
Painting and decorating .....	1,212,426	888,467	2,100,903	1,970,149	967,225	2,937,374
Plumbing, heating and sanitary engineering .....	9,704,618	2,167,255	11,871,873	16,307,656	2,808,713	19,116,369
Roofing, sheet metal .....	740,872	383,825	1,124,697	1,728,287	414,517	2,142,804
Roofing, all other .....	1,175,352	492,976	1,668,328	2,168,103	691,755	2,859,858
Sheet metal work (other than roofing) .....	1,578,925	331,401	1,910,326	3,627,819	502,610	4,130,429
Spiral installation .....	576,100	85,567	658,567	807,897	111,064	918,961
Street and highway work .....	519,532	93,780	613,312	392,840	65,753	458,593
Structural steel work .....	16,313,567	225,275	16,538,842	32,419,568	339,242	32,758,810
Tiling, marble and terrazzo .....	2,131,934	404,974	2,536,908	2,281,846	357,126	2,638,972
Weatherstripping and insulation .....	192,245	127,422	319,667	430,130	238,573	668,703
Wrecking and demolition .....	-	95,035	95,035	-	64,980	64,980
Dredging .....	368,544	-	368,544	105,529	-	105,529
Open sewers or drains .....	13,945	-	13,945	220,395	13,292	233,677
Pile driving .....	-	-	-	145,555	17,612	163,167
Work, unable to specify .....	1,030,225	708,280	1,738,505	987,215	212,661	1,199,876
<b>TOTAL VALUE OF WORK PERFORMED ....</b>	<b>49,980,711</b>	<b>9,373,358</b>	<b>59,354,069</b>	<b>84,837,043</b>	<b>11,026,321</b>	<b>95,863,363</b>

Table 10. - Description, Classification and Value of Work Performed in Canada by municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1 9 3 9			1 9 4 0		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings .....	160,357	109,902	270,259	2,278,877	362,311	2,641,188
Office buildings .....	331,848	680,038	1,011,886	729,181	787,521	1,516,702
Warehouses or storehouses .....	359,629	425,302	784,931	665,572	586,947	1,252,519
Garages .....	146,771	160,756	309,527	222,216	98,813	321,029
Elevators, grain .....	5,015	188,805	193,820	639	207,587	208,226
Farm buildings .....	63,569	34,245	97,914	57,272	10,443	67,715
Aeroplane hangars .....	123,709	-	123,709	-	-	-
Armouries and barracks .....	3,024,408	1,691,384	4,715,792	26,481,111	1,568,390	28,049,501
Theatres and amusement halls .....	591,610	948	592,558	68,459	3,695	72,154
Schools, institutions, etc. ....	227,518	35,685	263,203	25,902	57,703	83,605
Hospitals and sanatoria .....	158,675	31,903	190,578	639,133	97,340	736,473
Hotels, clubs and restaurants .....	5,319	12,048	17,367	8,589	19,063	27,652
Factories .....	19,841	-	19,841	-	-	-
All other buildings and structures .....	1,946,685	1,112,241	3,058,926	428,130	366,748	794,878

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 10. - Description, Classification and Value of Work Performed in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc. ....	7,873,960	4,116,404	11,990,364	7,049,977	4,796,421	11,846,398
Gravel or stone surfaced streets, highways, etc. ....	8,402,609	10,012,368	18,414,977	3,927,608	8,986,066	12,913,674
Dirt or clay roads ....	2,292,286	1,620,275	3,912,561	1,122,126	2,072,961	3,195,087
Grading, scraping, oiling, filling, etc. ....	2,359,655	3,117,481	5,477,136	789,670	3,901,438	4,691,108
Sidewalks ....	591,901	625,557	1,217,458	351,136	609,089	960,225
Roadside maintenance and area improvement ....	310,636	2,290,054	2,600,690	133,017	1,744,762	1,877,779
Bridges, viaducts, all types ....	2,731,616	1,856,956	4,599,572	1,685,345	1,788,967	3,474,312
Subways, overhead crossings, etc. ....	442,255	19,025	461,280	284,740	16,565	301,305
Culverts ....	735,401	437,700	1,173,101	562,945	438,428	1,001,373
Storm sewers ....	488,537	143,543	632,080	855,205	183,565	1,038,770
Tile drains, drainage ditches and open sewers ....	295,768	333,956	629,724	372,190	300,962	673,092
Reservoirs ....	86,622	70,158	156,780	45,058	50,592	95,650
Fencing (excluding temporary snow fencing) ....	830,675	65,902	896,577	489,627	34,500	524,127
Guard rails ....	240,386	133,641	374,027	198,275	135,390	333,665
Signs ....	148,243	144,457	292,700	97,373	191,377	288,750
Zone painting ....	10,099	103,503	113,602	36,986	174,190	211,176
Watermains and connections ....	2,977,995	2,338,731	5,316,726	2,040,524	2,131,658	4,172,182
Sewers and connections ....	2,196,096	682,369	2,878,465	1,250,460	602,783	1,853,243
Electric stations, power plants, etc.	12,218	51,283	63,501	10,500	17,194	27,694
Pole or distribution lines, electric ....	338,922	555,426	894,348	278,511	499,316	777,827
Docks, wharves, piers, breakwaters ....	624,405	1,465,777	2,090,182	140,625	780,681	921,306
Retaining walls and ripraping ....	1,636,792	309,128	1,945,920	556,022	108,993	665,015
Canal reaches ....	60,015	61,124	121,139	254	64,107	64,361
Canal locks ....	23,646	185,119	208,765	10,751	196,573	207,324
Canal gates ....	45,369	56,664	102,033	29,581	57,268	86,849
Water control or dams ....	296,220	308,426	604,646	86,702	187,446	274,148
Aerodromes or landing fields ....	347,594	102,249	449,843	18,248	42,189	60,437
Dredging ....	216,098	833,242	1,049,340	83,747	613,629	697,376
Excavating ....	992,806	104,081	1,096,887	1,416,532	87,915	1,504,447
Park systems (including grounds and walks) ....	1,431,148	1,799,125	3,230,273	447,229	1,615,071	2,062,300
Railway (steam) construction work ....	86,215	171,646	257,861	23,010	183,461	206,471
Railway (electric) construction work ....	-	2,514	2,514	-	2,739	2,739
Underground conduits ....	911	-	911	-	-	-
Telephone and telegraph lines ....	81,428	120,370	201,798	151,252	133,285	284,537
Pile driving ....	-	698	698	-	-	-
Gas mains and connections ....	2,386	973	3,359	3,276	1,090	4,366
Works, unable to specify ....	594,494	784,578	1,379,072	470,885	926,251	1,397,136
TOTAL VALUE OF WORK PERFORMED ...	46,972,461	39,518,760	86,491,221	56,624,468	37,843,423	94,467,891

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table II. - Total Cost of Materials Used by the Construction Industry in Canada, by Groups and Provinces in 1939 and 1940.

	General and Trade Contractors and Subcontractors	Municipalities	The Harbours Board, Provincial and Dominion Government Departments	Total Cost
	\$	\$	\$	\$
<u>1939</u>				
CANADA .....	160,521,326	7,745,721	21,230,295	189,497,342
Prince Edward Island .....	702,327	/ /	128,778	831,105
Nova Scotia .....	6,942,886	159,549	3,000,519	10,103,054
New Brunswick .....	4,478,141	195,929	1,658,185	6,332,255
Quebec .....	50,343,361	1,607,911	6,571,098	58,522,370
Ontario .....	66,892,350	3,289,474	6,111,858	76,293,682
Manitoba .....	7,126,713	394,382	758,151	8,279,246
Saskatchewan .....	4,612,661	477,525	566,024	5,656,210
Alberta .....	7,112,702	446,057	1,310,217	8,868,976
British Columbia .....	12,310,185	1,174,794	1,125,465	14,510,444
<u>1940</u>				
CANADA .....	227,378,273	6,600,779	33,249,734	267,228,786
Prince Edward Island .....	2,185,059	/ /	84,131	2,269,190
Nova Scotia .....	8,864,659	185,713	6,539,369	15,589,741
New Brunswick .....	4,281,870	78,653	2,464,903	6,825,426
Quebec .....	58,196,889	1,094,567	7,586,467	66,877,923
Ontario .....	97,976,867	3,434,082	12,234,613	113,645,562
Manitoba .....	13,151,908	241,590	926,308	14,319,806
Saskatchewan .....	11,436,181	207,802	529,884	12,173,867
Alberta .....	14,070,997	483,325	1,349,408	15,903,730
British Columbia .....	17,213,843	875,047	1,534,651	19,623,541

/ / Less than three reports. Included in third column.

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 12. - Cost of Materials Used by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in Canada, in 1939 and 1940.

	1939	1940
	Cost	Value
	\$	\$
Lumber and timber, rough and dressed .....	3,532,499	10,048,530
Lumber and timber, creosoted or chemically treated .....	886,284	753,895
Piling, wood (including treated piling) .....	158,356	77,232
Piling, steel .....	69,623	35,171
Piling, other .....	15,490	36,726
Posts, wood .....	229,909	150,877
Posts, steel .....	71,308	77,597
Posts, other .....	12,574	6,316
Iron and steel shapes .....	637,752	344,091
Iron and steel forms .....	62,793	330,118
Iron and steel reinforcing .....	178,399	360,413
Hydrants .....	76,118	87,009
Manhole covers and frames .....	116,564	130,751
Pipes, metal .....	1,305,495	986,826
Pipes, concrete .....	439,615	487,582
Pipe, vitrified clay, etc. ....	380,371	304,445
Pipe, other .....	26,770	-
Culverts .....	527,902	237,353
Rope or cable, wire .....	112,852	109,792
Rope, other .....	19,170	19,714
Wire netting or mesh .....	59,695	53,303
Electric light standards .....	130,090	129,098
Electrical supplies .....	944,621	1,780,067
Plumbing and shop supplies .....	622,492	1,667,072
Lead and lead pipe .....	70,052	91,214
Pipe fittings .....	322,881	303,582
Valves .....	182,606	713,393
Hardware .....	1,277,656	2,401,217
Paint and painters' supplies .....	368,203	581,552
Explosives .....	201,281	115,896
Fencing materials (not to include posts) .....	245,295	163,112
Guard rail materials (not to include posts) .....	80,429	84,229
Signs, metal .....	98,482	144,361
Brick .....	110,718	121,619
Stone, crushed and all other .....	2,109,084	2,106,181
Paving blocks .....	14,202	20,976
Gravel .....	1,683,723	1,599,206
Sand .....	376,139	351,220
Cement .....	1,740,361	2,215,169
Concrete, ready-mix .....	135,031	78,998
Bituminous materials (not including oil) .....	4,077,521	2,939,915
Calcium chloride, salt and other chemicals .....	1,203,898	1,177,749
Oil, for road construction .....	498,534	1,211,205
Borrow pits, earth fill, cinders, etc. ....	206,748	125,495
Roofing materials .....	165,271	658,641
All other materials (unable to classify) .....	3,191,159	4,431,605
TOTAL COST OF MATERIALS USED .....	28,976,016	39,850,513

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 13. - Average Monthly Employment of Wage-earners and Their Remuneration by Groups in 1939 and 1940.

	General and Trade Contractors and Subcontractors	Municipalities	The Harbours Board	Provincial Government Departments	Dominion Government Departments	Total
	No.	No.	No.	No.	No.	No.
<u>1939</u>						
January .....	43,954	9,069	387	15,413	4,868	73,691
February .....	44,561	8,575	539	15,822	4,657	74,154
March .....	48,157	9,038	636	19,655	4,561	82,047
April .....	48,157	10,355	898	17,455	1,950	78,815
May .....	63,300	13,497	866	32,533	3,484	113,680
June .....	75,779	15,240	853	38,472	5,068	139,412
July .....	90,680	15,441	790	49,744	6,194	162,849
August .....	101,843	16,246	764	50,407	8,617	177,877
September .....	101,947	15,470	787	43,798	12,231	174,233
October .....	95,126	14,316	711	40,309	14,886	165,408
November .....	80,541	12,539	627	21,126	13,632	128,465
December .....	58,988	9,389	574	11,082	7,797	88,630
Monthly Average .....	71,424	12,431	703	29,718	7,329	121,605
Amount of Wages Paid .....	\$ 76,255,308	\$ 11,729,244	\$ 592,492	\$ 22,606,731	\$ 7,417,363	\$ 118,601,138
<u>1940</u>						
January .....	45,428	6,699	369	6,752	7,553	66,801
February .....	45,829	6,786	431	5,674	5,484	64,204
March .....	46,857	7,281	568	9,865	5,014	69,585
April .....	55,190	8,488	694	10,511	3,788	78,571
May .....	72,118	10,844	633	20,951	6,285	110,831
June .....	86,274	12,241	613	23,466	6,242	128,836
July .....	99,711	12,602	691	26,361	11,605	150,970
August .....	112,658	12,497	730	30,639	15,412	171,936
September .....	118,512	11,730	772	26,875	22,901	180,790
October .....	124,176	11,286	713	28,170	24,199	188,544
November .....	110,385	9,306	617	21,037	17,279	158,624
December .....	88,237	7,162	529	8,417	14,101	118,446
Monthly Average .....	83,781	9,744	613	18,227	11,655	124,020
Amount of Wages Paid .....	\$ 101,899,831	\$ 9,802,987	\$ 594,815	\$ 14,730,664	\$ 17,419,508	\$ 144,447,805

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 14. - Average Monthly Employment of Wage-earners and Their Remuneration by Provinces in 1939 and 1940.

	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>1939</u>									
January .....	87	4,104	1,707	29,859	26,087	1,660	1,133	2,150	6,904
February .....	105	4,017	1,712	29,598	26,829	1,705	1,086	2,154	6,948
March .....	126	3,752	2,383	30,634	31,333	2,070	1,179	2,569	8,001
April .....	106	3,396	2,355	29,862	28,077	2,629	2,065	3,494	7,331
May .....	389	5,257	4,213	45,003	39,558	3,863	2,945	5,179	7,273
June .....	800	7,622	7,338	55,027	45,339	4,713	3,973	6,318	8,282
July .....	1,049	7,612	10,704	62,068	53,205	5,552	6,139	6,748	9,572
August .....	1,318	8,887	11,735	70,064	55,270	5,680	7,572	7,309	9,942
September .....	1,304	9,608	10,113	67,394	56,272	6,303	7,209	6,369	9,661
October .....	1,243	7,949	7,554	71,270	50,695	5,835	6,625	5,806	8,431
November .....	803	7,901	5,383	48,128	45,040	3,842	4,518	4,679	8,171
December .....	160	5,490	3,121	32,152	33,298	2,297	2,274	2,956	6,882
Monthly Average .....	624	6,316	5,693	47,547	40,917	3,846	3,902	4,644	8,116
Amount of Wages Paid .....	\$ 680,338	\$ 6,587,138	\$ 4,703,705	\$ 42,491,457	\$ 41,615,174	\$ 4,023,325	\$ 3,773,566	\$ 5,573,454	\$ 9,152,981
<u>1940</u>									
January .....	112	3,960	2,238	21,285	26,828	1,773	1,181	2,463	6,961
February .....	110	3,537	2,342	20,496	25,225	1,673	1,137	2,361	7,323
March .....	99	3,604	2,710	21,492	28,671	2,046	1,292	2,654	7,017
April .....	104	3,783	2,543	24,841	32,084	2,786	1,719	3,415	7,396
May .....	203	5,781	3,625	35,614	45,680	4,058	2,755	5,190	7,925
June .....	604	7,016	4,504	41,196	51,866	5,085	3,789	6,626	8,150
July .....	1,005	8,701	6,148	46,469	60,848	6,429	5,008	7,277	9,085
August .....	2,101	10,568	7,051	56,502	62,808	7,802	6,149	9,174	9,781
September .....	2,611	12,572	7,455	59,533	61,361	9,181	7,274	10,838	9,965
October .....	2,314	12,845	7,599	64,300	61,945	9,421	8,123	11,494	10,503
November .....	1,338	11,941	6,275	51,329	55,661	7,306	6,128	7,933	10,713
December .....	1,234	9,931	4,681	38,148	41,552	4,959	3,582	4,696	9,663
Monthly Average .....	986	7,853	4,764	40,100	46,211	5,210	4,012	6,177	8,707
Amount of Wages Paid .....	\$ 1,066,779	\$ 9,992,907	\$ 4,139,575	\$ 44,956,663	\$ 54,877,348	\$ 6,287,710	\$ 4,751,449	\$ 7,179,522	\$ 11,195,852

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 15. - Average Monthly Employment of Wage-earners in Canada, by General and Trade Contractors and Subcontractors and Their Remuneration, by Provinces in 1939 and 1940.

	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	CANADA
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<b>1939</b>										
January .....	72	2,309	834	14,284	20,193	1,128	814	1,089	3,231	43,954
February .....	91	2,027	682	14,125	21,027	1,190	836	975	3,608	44,561
March .....	97	1,944	655	14,385	23,023	1,553	873	1,341	4,286	48,157
April .....	81	2,052	781	15,152	20,422	1,951	1,063	1,913	4,742	48,157
May .....	264	3,132	1,614	20,752	25,930	2,664	1,555	2,590	4,799	63,300
June .....	665	4,387	3,290	28,040	30,938	2,801	1,952	2,897	4,809	79,779
July .....	855	5,297	4,717	31,696	33,839	3,033	2,465	3,275	5,503	90,680
August .....	952	5,611	5,294	36,665	37,662	3,364	2,768	3,544	5,973	101,843
September .....	932	6,027	5,031	36,983	37,796	3,558	2,435	3,142	6,043	101,947
October .....	897	5,130	3,763	35,238	36,319	3,237	2,318	2,778	5,506	95,186
November .....	569	4,106	2,479	28,941	32,388	2,202	2,741	2,170	4,945	80,541
December .....	96	2,979	1,487	20,518	25,369	1,497	1,528	1,431	4,083	58,988
Monthly Average .....	465	3,750	2,552	24,732	28,742	2,348	1,779	2,262	4,794	71,424
Amount of Wages Paid .....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Paid .....	518,334	4,051,387	2,451,872	24,739,179	31,317,945	2,592,870	1,888,897	2,774,200	5,920,624	76,255,308
<b>1940</b>										
January .....	92	2,467	748	13,635	20,280	1,395	763	1,246	4,802	45,428
February .....	92	2,323	852	13,748	20,486	1,351	749	1,144	5,084	45,829
March .....	76	2,133	746	14,225	21,414	1,666	773	1,217	4,607	46,857
April .....	65	2,496	864	16,720	25,246	2,120	1,003	1,613	5,063	55,190
May .....	121	3,484	1,373	21,033	33,428	2,998	1,759	2,437	5,485	72,118
June .....	471	4,513	1,788	25,300	38,939	3,618	2,557	3,218	5,870	86,274
July .....	865	5,193	2,193	29,059	43,781	4,419	3,494	3,912	6,795	99,711
August .....	2,007	5,458	2,742	34,459	44,510	6,089	4,239	5,868	7,286	112,658
September .....	2,488	5,455	2,928	36,944	43,428	7,315	5,510	7,387	7,057	118,512
October .....	2,205	5,853	3,182	39,838	43,623	7,711	6,366	7,858	7,540	124,176
November .....	1,197	5,614	2,535	37,193	38,598	6,208	5,177	5,697	8,166	110,385
December .....	774	4,105	1,961	30,151	32,722	4,522	3,067	3,364	7,571	88,237
Monthly Average .....	871	4,091	1,826	26,025	33,871	4,118	2,955	3,747	6,277	83,781
Amount of Wages Paid .....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Paid .....	972,021	4,610,204	1,899,171	31,421,924	41,689,547	5,003,502	3,652,283	4,601,109	8,050,070	101,899,831

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 16. - Average Monthly Employment of Wage-earners in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments, by Province, in 1939 and 1940.

	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	CANADA
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>1939</u>										
January .....	15	1,795	873	15,575	5,894	532	319	1,061	3,673	29,737
February .....	14	1,990	1,030	15,473	5,802	515	250	1,179	3,340	29,593
March .....	29	1,808	1,728	16,249	8,310	517	306	1,228	3,715	33,890
April .....	25	1,344	1,574	14,210	7,655	678	1,002	1,581	2,589	30,658
May .....	125	2,125	2,599	24,251	13,628	1,199	1,390	2,589	2,474	50,380
June .....	135	3,235	4,048	26,987	14,401	1,912	2,021	3,421	3,473	59,633
July .....	194	2,515	5,987	30,372	19,366	2,519	3,674	3,473	4,069	72,169
August .....	356	3,276	6,441	33,399	17,608	2,316	4,904	3,765	3,969	76,034
September .....	372	3,581	5,082	30,411	18,476	2,745	4,774	3,227	3,618	72,286
October .....	346	2,819	3,791	36,032	14,376	2,598	4,307	3,028	2,925	70,222
November .....	234	3,795	2,904	19,187	12,552	1,640	1,777	2,509	3,226	47,924
December .....	64	2,511	1,634	11,634	7,929	800	746	1,525	2,799	29,642
Monthly Average ....	159	2,566	3,141	22,815	12,175	1,498	2,123	2,382	3,322	50,181
Amount of Wages Paid .....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	162,004	2,535,751	2,251,833	17,752,278	10,297,229	1,430,455	1,884,669	2,799,254	3,232,357	42,345,830
<u>1940</u>										
January .....	20	1,493	1,490	7,650	6,548	378	418	1,217	2,159	21,373
February .....	18	1,214	1,490	6,748	4,739	322	388	1,217	2,239	18,375
March .....	23	1,471	1,964	7,267	7,257	380	519	1,437	2,410	22,728
April .....	39	1,287	1,679	8,121	6,838	666	716	1,802	2,333	23,481
May .....	82	2,297	2,252	14,581	12,252	1,060	996	2,753	2,440	38,713
June .....	133	2,503	2,716	15,896	12,927	1,467	1,232	3,408	2,280	42,562
July .....	140	3,508	3,955	17,410	17,067	2,010	1,514	3,365	2,290	51,259
August .....	94	5,110	4,309	22,043	18,298	1,713	1,910	3,306	2,495	59,278
September .....	123	7,117	4,527	22,589	17,923	1,866	1,764	3,451	2,908	62,278
October .....	109	6,992	4,417	24,462	18,322	1,710	1,757	3,636	2,963	64,368
November .....	141	6,327	3,740	14,136	17,063	1,098	951	2,236	2,547	48,239
December .....	460	5,826	2,720	7,997	8,830	437	515	1,332	2,092	30,209
Monthly Average ....	115	3,762	2,938	14,075	12,340	1,092	1,057	2,430	2,430	40,239
Amount of Wages Paid .....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	94,758	5,382,703	2,240,404	13,534,739	13,187,801	1,284,208	1,099,166	2,578,413	3,145,782	42,547,974

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

CANADA

Table 17. - Principal Statistics of General and Trade Contractors (including Subcontractors), located in Nine Cities of Canada, in 1939 and 1940.

(The values, costs and employment shown in this table do not relate to construction work actually performed in the cities but to work performed by general, trade and subcontractors who were domiciled there. The figures also include construction operations undertaken and performed by the cities themselves with their own employees.)

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<b>1939</b>	No.	No.	\$	\$	\$	\$	\$
Hamilton .....	451	2,857	3,487,879	5,236,185	7,506,245	2,549,555	10,055,800
London .....	239	1,134	1,233,688	1,554,744	1,595,055	1,231,159	2,826,214
Montreal .....	1,352	20,460	24,105,530	34,759,941	46,165,345	14,332,738	62,498,683
Ottawa .....	343	2,405	2,718,562	2,973,039	4,326,295	2,074,186	6,400,481
Quebec .....	282	3,240	3,102,259	3,901,838	5,679,024	2,374,328	8,053,352
Toronto .....	2,165	18,547	22,836,619	32,439,783	45,853,680	15,220,942	61,074,622
Vancouver .....	855	4,365	5,511,284	6,696,825	8,775,722	3,463,172	12,238,894
Victoria .....	211	882	1,027,705	1,222,396	1,467,601	705,720	2,193,321
Winnipeg .....	457	3,119	3,616,050	5,992,036	6,253,697	3,800,738	10,059,435
<b>Totals .....</b>	<b>6,355</b>	<b>57,009</b>	<b>67,639,686</b>	<b>94,776,787</b>	<b>129,647,664</b>	<b>45,752,538</b>	<b>175,400,202</b>
<b>1940</b>							
Hamilton .....	410	3,947	5,115,386	9,764,823	11,196,548	3,119,567	14,316,115
London .....	228	1,196	1,383,739	1,896,761	2,071,004	1,165,613	3,236,617
Montreal .....	1,272	21,182	28,250,235	41,525,227	55,661,859	15,925,774	71,587,633
Ottawa .....	355	2,579	2,959,272	3,916,631	5,140,906	2,314,349	7,455,255
Quebec .....	244	3,021	3,374,064	4,090,766	5,502,057	2,298,904	7,800,961
Toronto .....	2,009	19,795	26,860,719	41,137,519	57,156,927	17,906,898	75,063,825
Vancouver .....	896	5,374	7,013,335	9,334,590	14,712,278	3,164,273	17,876,551
Victoria .....	205	1,013	1,300,271	1,831,864	2,350,983	759,798	3,110,781
Winnipeg .....	495	4,505	5,619,287	10,578,375	14,155,236	4,501,238	18,656,474
<b>Totals .....</b>	<b>6,114</b>	<b>62,612</b>	<b>81,876,308</b>	<b>124,076,576</b>	<b>167,947,798</b>	<b>51,156,414</b>	<b>219,104,212</b>

Table 18. - Percentage Variation in Principal Statistics of the Above Nine Cities in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
	%	%	%	%	%	%	%
Hamilton .....	- 9.1	+ 38.2	+ 46.7	+ 86.5	+ 49.2	+ 22.4	+ 42.4
London .....	- 4.6	+ 5.5	+ 12.2	+ 22.0	+ 29.8	- 5.3	+ 14.5
Montreal .....	- 5.9	+ 3.5	+ 17.2	+ 19.5	+ 15.6	+ 11.1	+ 14.5
Ottawa .....	+ 3.5	+ 7.2	+ 8.9	+ 31.7	+ 18.8	+ 11.6	+ 16.5
Quebec .....	- 13.5	- 6.8	+ 8.8	+ 4.8	- 3.1	- 3.2	- 3.1
Toronto .....	- 7.2	+ 6.7	+ 17.6	+ 26.8	+ 24.7	+ 17.6	+ 22.9
Vancouver .....	+ 4.8	+ 23.1	+ 27.3	+ 39.4	+ 67.6	- 8.6	+ 46.1
Victoria .....	- 2.8	+ 14.9	+ 26.5	+ 49.9	+ 58.0	+ 7.7	+ 41.8
Winnipeg .....	+ 8.3	+ 44.4	+ 55.4	+ 76.5	+ 126.2	+ 18.4	+ 85.5
<b>Total .....</b>	<b>- 3.8</b>	<b>+ 9.8</b>	<b>+ 21.0</b>	<b>+ 30.9</b>	<b>+ 29.5</b>	<b>+ 11.8</b>	<b>+ 24.9</b>

## THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

## PRINCE EDWARD ISLAND

Table 19. - Principal Statistics of the Construction Industry in Prince Edward Island in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	52	533	587,423	702,327	1,407,143	219,358	1,626,501
Municipalities and Dominion Government Departments .....	7	183	191,665	128,778	101,959	219,604	521,565
Totals .....	59	716	773,034	831,105	1,509,102	438,962	1,948,064
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	41	937	1,111,018	2,185,059	5,867,399	76,362	5,943,761
Municipalities and Dominion Government Departments .....	6	133	119,194	84,131	35,058	170,764	203,822
Totals .....	47	1,070	1,230,212	2,269,190	3,900,457	247,126	4,147,583

Table 20. - Description, Classification and Value of Work Performed in Prince Edward Island by General and Trade Contractors (including Subcontractors), Municipal and Dominion Government Departments, in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	59,658	12,229	71,887	53,934	2,010	55,944
Dwellings, semi-detached or double .....	-	1,934	1,934	-	-	-
Apartments houses .....	12,844	-	12,844	-	-	-
Schools, institutions, etc. ....	-	-	-	-	1,776	1,776
Stores .....	-	-	-	-	1,651	1,651
Office buildings .....	6,505	3,942	10,447	-	-	-
Factories, warehouses and storerooms .....	4,964	10,590	15,554	73,143	-	73,143
Garages .....	960	-	960	1,815	463	2,278
Armouries and barracks .....	-	3,801	3,801	-	37,166	37,166
Buildings, unable to specify .....	56,595	109,014	165,609	2,232,002	34,237	2,266,239
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	963,876	15,090	978,966	-	9,836	9,836
Gravel or stone surfaced streets, highways, etc. ....	23,213	2,324	25,543	3,500	2,048	5,548
Dirt or clay roads .....	-	263	263	-	1,212	1,212
Grading, scraping, oiling, filling, etc. ....	-	435	435	-	824	824
Sidewalks .....	-	1,811	1,811	-	1,838	1,838
Roadside maintenance and area improvement .....	-	-	-	1,300	-	1,300
Bridges, viaducts all types .....	-	750	750	-	-	-
Culverts .....	300	-	300	-	-	-
Water mains and connections .....	1,400	-	1,400	-	-	-
Sewers and connections .....	1,232	-	1,232	-	-	-
Storm sewers .....	6,440	1,711	8,151	-	502	502
Fencing (excluding temporary snow fencing) .....	795	-	795	200	-	200
Transmission lines and towers .....	-	-	-	11,188	-	11,188
Aerodromes or landing fields .....	-	-	-	1,032,561	-	1,032,561
Park systems .....	33,765	2,586	36,349	7,486	9,964	17,450
Engineering, unable to specify .....	128,235	989	129,224	363,558	160	363,518
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers, breakwaters retaining walls, embankments and ripraping .....	-	152,975	152,975	-	36,953	36,953
Dredging .....	3,459	-	3,459	-	-	-
Works, unable to specify .....	3,262	71,211	74,473	4,892	61,675	66,567
<u>Trade Construction</u>	156,275	-	156,275	-	-	-
Electrical work .....	-	-	-	6,310	-	6,310
Excavating .....	1,154	-	1,154	-	-	-
Plumbing, heating and sanitary engineering .....	34,083	43,491	77,574	114,680	34,720	149,400
Trades, unable to specify .....	10,085	23,816	33,901	14,088	10,091	24,179
TOTAL VALUE OF WORK PERFORMED ..	1,509,102	438,962	1,948,064	3,900,457	247,126	4,147,583

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

PRINCE EDWARD ISLAND

Table 21. - Description, Classification and Value of Work Performed in Prince Edward Island, by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	59,658	11,379	71,037	33,499	1,863	35,362
Dwellings, semi-detached or double .....	-	1,934	1,934	-	-	-
Apartment houses .....	12,844	-	12,844	-	-	-
Schools, institutions, etc. .....	-	-	-	-	1,776	1,776
Stores .....	-	-	-	-	1,651	1,651
Factories, warehouses and store-houses .....	-	-	-	69,815	-	69,815
Garages .....	-	-	-	1,815	-	1,815
Buildings, unable to specify .....	52,822	110,233	163,055	2,231,583	26,261	2,257,844
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. .....	963,876	-	963,876	-	-	-
Gravel or stone surfaced streets, highways, etc. .....	20,069	-	20,069	-	-	-
Aerodromes or landing fields .....	-	-	-	1,032,561	-	1,032,561
Engineering, unable to specify .....	120,109	1,777	121,886	363,048	-	363,048
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify .....	1,3,597	26,728	160,325	-	-	-
<u>Trade Construction</u>						
Electrical work .....	-	-	-	6,310	-	6,310
Plumbing, heating and sanitary engineering .....	34,083	43,491	77,574	114,680	34,720	149,400
Trades, unable to specify .....	10,085	23,816	33,901	14,088	10,091	24,179
TOTAL VALUE OF WORK PERFORMED ....	1,407,143	219,358	1,626,501	3,867,399	76,362	3,943,761

Table 22. - Description, Classification and Value of Work Performed by Subcontractors in Prince Edward Island, in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Plumbing, heating and sanitary engineering .....	-	-	-	216,902	-	216,902
Work, unable to specify .....	69,434	1,113	70,547	196,352	7,405	203,757
TOTAL VALUE OF WORK PERFORMED ....	69,434	1,113	70,547	413,254	7,405	420,659

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipal and Dominion Government Departments, in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings .....	-	850	850	-	-	-
Office buildings .....	6,505	3,205	9,710	-	-	-
Warehouses or storehouses .....	4,964	6,862	11,826	3,328	-	3,328
Garages .....	450	-	450	-	-	-
Armouries and barracks .....	-	3,801	3,801	-	36,725	36,725
All other buildings and structures ...	4,283	3,246	7,529	854	9,027	9,881

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

PRINCE EDWARD ISLAND

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipal and Dominion Government Departments, in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Hard surfaced or paved streets, highways, etc. ....	\$ -	\$ 15,090	\$ 15,090	\$ -	\$ 9,836	\$ 9,836
Gravel or stone surfaced highways, etc. ....	3,150	547	3,697	3,500	2,048	5,348
Dirt or clay roads ....	5,449	263	5,732	-	1,212	1,212
Grading, scraping, oiling, filling, etc. ....	-	435	435	-	824	824
Sidewalks ....	-	1,811	1,811	-	1,838	1,838
Roadside maintenance and area improvement ....	-	-	-	1,300	-	1,300
Bridges and viaducts, all types ....	-	750	750	-	-	-
Culverts ....	300	-	300	-	-	-
Storm Sewers ....	6,440	1,711	8,151	-	502	502
Fencing (excluding temporary snow fencing) ....	795	-	795	200	-	200
Water mains and connections ....	1,400	-	1,400	-	-	-
Sewers and connections ....	1,232	-	1,232	-	-	-
Pole or distribution lines, electric ....	-	-	-	11,188	-	11,188
Docks, wharves, piers, breakwaters ....	22,676	106,247	128,923	-	36,953	36,953
Retaining walls and ripraping ....	3,459	-	3,459	-	-	-
Dredging ....	3,262	71,211	74,473	4,892	61,675	66,567
Excavating ....	1,154	-	1,154	-	-	-
Park systems (including grounds and walks) ....	33,763	2,586	36,349	7,486	9,964	17,450
Works, unable to specify ....	2,657	989	3,646	310	160	470
TOTAL VALUE OF WORK PERFORMED ....	101,959	219,604	321,563	33,058	170,764	203,822

Table 24. - Cost of Materials Used by Municipal and Dominion Government Departments in Prince Edward Island, in 1939 and 1940.

	1939		1940	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed ....	\$ 34,018		\$ 21,016	
Lumber and timber, creosoted or chemically treated ....	7,525		758	
Piling, wood (including treated piling) ....	8,031		1,432	
Pipe, metal ....	1,499		1,443	
Pipe, concrete ....	237		187	
Pipe, vitrified clay, etc. ....	3,239		-	
Culverts ....	190		123	
Rope or cable, wire ....	1,223		1,417	
Rope, other ....	1,548		1,579	
Electric light standards ....	-		761	
Electrical supplies ....	2,413		4,881	
Plumbing and shop supplies ....	1,533		2,143	
Hardware ....	10,835		7,114	
Paint and painters' supplies ....	2,228		5,857	
Explosives ....	768		-	
Fencing materials (not to include posts) ....	435		402	
Brick ....	-		248	
Stone, crushed and all other ....	10,022		1,411	
Gravel ....	2,896		977	
Sand ....	476		582	
Cement ....	1,767		791	
Bituminous materials (not including oil) ....	1,200		1,379	
Calcium chloride, salt and other chemicals ....	461		916	
Oil, for road construction ....	800		499	
Borrow pits, earth fill, cinders, etc. ....	618		125	
Roofing materials ....	1,778		1,060	
All other materials, unable to classify ....	33,035		27,030	
TOTAL COST OF MATERIALS ....	128,778		84,131	

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NOVA SCOTIA

Table 25. - Principal Statistics of the Construction Industry in Nova Scotia in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>							
General and Trade Contractors and Subcontractors .....	466	4,382	5,024,299	6,942,886	10,386,443	2,597,282	12,983,725
Municipalities .....	12	383	367,809	159,649	202,372	377,607	579,979
Harbours Board, Provincial and Dominion Government Departments .....	7	2,604	2,621,947	3,000,519	2,892,114	3,434,631	6,326,745
Totals .....	485	7,369	8,014,055	10,103,054	13,480,929	6,409,520	19,890,449
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	429	4,699	5,531,040	8,864,659	13,164,459	2,793,786	15,958,245
Municipalities .....	12	290	308,763	185,713	168,371	356,771	525,142
Harbours Board, Provincial and Dominion Government Departments .....	6	3,866	5,444,878	6,539,369	9,280,997	2,873,020	12,154,017
Totals .....	447	8,855	11,284,681	15,589,741	22,613,827	6,023,577	28,637,404

Table 26. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, Harbours Board, and Provincial and Dominion Government Departments, 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	1,116,658	413,898	1,530,556	1,024,220	345,684	1,369,904
Dwellings, semi-detached or double .....	34,800	17,287	52,087	25,195	20,245	45,440
Duplexes .....	48,141	6,550	54,691	41,522	-	41,522
Apartment houses .....	42,295	40,009	82,304	45,830	60,691	106,521
Hotels, clubs, restaurants, etc. ....	21,673	21,906	43,579	129,188	16,611	145,799
Churches and church halls .....	83,652	25,994	109,646	-	18,512	18,512
Hospitals and sanatoria .....	-	-	-	509,973	56,917	566,890
Schools and institutions .....	441,388	59,463	500,851	-	29,002	29,002
Office buildings .....	183,753	127,772	311,525	191,398	59,363	250,761
Stores .....	151,495	88,846	240,341	-	-	-
Theatres and amusement halls .....	-	59,778	59,778	3,554	11,931	15,485
Factories, warehouses and storehouses .....	712,555	501,744	1,214,299	776,958	691,010	1,467,968
Grain elevators .....	-	6,318	6,318	-	17,903	17,903
Garages .....	153,274	16,259	169,533	88,983	15,286	104,269
Service stations .....	87,509	117,281	204,790	62,452	-	62,452
Mine Buildings .....	-	-	-	11,708	-	11,708
Farm buildings .....	29,887	-	29,887	-	-	-
Aeroplane hangars .....	125,709	-	125,709	949,593	59,963	1,009,556
Armouries and barracks .....	566,424	372,860	939,284	8,356,264	251,204	8,607,468
Buildings, unable to specify .....	840,881	242,139	1,083,020	751,647	396,826	1,148,473
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	1,732,820	170,439	1,903,259	1,295,016	224,346	1,519,362
Gravel or stone surfaced streets, highways, etc. ....	1,805,349	1,338,585	3,143,934	460,714	1,311,529	1,772,243
Dirt or clay roads .....	256,436	616,028	872,464	-	476,868	476,868
Grading, scraping, ciling, filling, etc. ....	-	14,475	14,475	101,807	23,544	125,351
Sidewalks .....	-	15,515	15,515	-	8,285	8,285
Roadside maintenance and area improvement .....	2,003	18,796	20,799	3,242	18,793	22,035
Bridges, viaducts, all types .....	210,890	276,905	487,795	124,959	306,894	431,853
Culverts .....	40,051	2,816	42,867	1,210	-	1,210
Water mains and connections .....	129,211	125,477	254,688	170,717	99,236	269,953
Sewers and connections .....	75,105	13,743	88,848	32,167	3,094	35,261
Storm sewers .....	3,926	857	4,783	768	-	768
Dams and reservoirs .....	-	-	-	10,875	-	10,875
Tile drains, drainage ditches and open sewers .....	-	1,541	1,541	3,300	3,507	6,807

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NOVA SCOTIA

Table 26. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, Harbours Board, and Provincial and Dominion Government Departments, in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Engineering Construction (concluded)</u>						
Fencing (excluding temporary snow)						
fencing) .....	12,526	2,784	15,310	5,674	679	6,353
Electric stations, power plants, etc. ....	287,421	31,579	319,000	-	-	-
Signs .....	-	5,692	5,692	474	6,283	6,757
Zone painting .....	-	16,101	16,101	-	15,757	15,757
Transmission lines and towers .....	-	16,141	16,141	158,719	39,571	198,290
Aerodromes or landing fields .....	1,414,072	508	1,414,580	3,008,167	12,462	3,020,629
Park systems (including grounds and walks) .....	17,783	11,512	29,295	849	6,499	7,348
Telephone and telegraph lines .....	-	14,000	14,000	-	15,000	15,000
Engineering, unable to specify .....	934,928	123,640	1,058,568	1,736,871	113,788	1,850,659
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers & breakwaters ....	1,035,936	419,639	1,455,575	1,504,135	239,877	1,744,012
Retaining walls, embankments and ripraping .....	47,221	78,218	125,439	21,160	2,882	24,042
Canals and waterways .....	-	1,373	1,373	-	1,712	1,712
Dredging .....	383,853	124,507	508,360	-	77,233	77,233
Pile driving .....	5,942	913	6,855	-	-	-
Works, unable to specify .....	6,645	3,900	10,545	481,787	6,670	488,457
<u>Trade Construction</u>						
Bricklaying .....	8,615	5,042	13,657	8,714	8,400	17,114
Carpentry work .....	12,611	105,658	118,269	3,369	86,461	91,830
Concreting and cement work .....	-	-	-	-	2,846	2,846
Electrical work .....	48,942	91,294	140,236	36,332	123,294	159,626
Excavating .....	-	-	-	23,788	-	23,788
Flooring .....	-	5,872	5,872	-	3,874	3,874
Glass and glazing .....	-	16,140	16,140	-	25,214	25,214
Lathing, plastering and stucco .....	4,410	8,213	12,623	5,511	2,215	7,726
Ornamental iron work .....	-	7,157	7,157	-	-	-
Painting and decorating .....	12,110	132,368	144,498	5,930	150,833	156,763
Plumbing, heating and sanitary enginesring .....	155,016	355,498	510,514	156,329	423,435	579,764
Roofing, all other .....	-	18,271	18,271	-	23,769	23,769
Sheet metal work other than roofing .....	31,715	-	31,715	94,406	-	94,406
Weatherstripping and insulation .....	-	-	-	-	965	965
Trades, unable to specify .....	165,298	100,199	265,497	188,352	104,614	292,966
TOTAL VALUE OF WORK PERFORMED .....	13,480,929	6,409,520	19,890,449	22,613,827	6,023,577	28,637,404

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single .....	1,069,732	393,446	1,463,178	1,023,480	345,068	1,368,548
Dwellings, semi-detached or double .....	34,800	17,287	52,087	25,195	20,245	45,440
Duplexes .....	48,141	6,550	54,691	41,522	-	41,522
Apartment houses .....	42,295	40,009	82,304	45,830	60,691	106,521
Hotels, clubs and restaurants, etc. ....	21,673	21,906	43,579	129,188	16,611	145,799
Churches and church halls .....	83,652	25,994	109,646	-	18,518	18,512
Hospitals and sanatoria .....	-	-	-	373,274	21,718	394,992
Schools, institutions, etc. ....	441,388	59,463	500,851	-	29,002	29,002
Office buildings .....	107,977	103,628	211,605	187,499	42,047	229,546
Stores .....	151,495	88,846	240,341	-	-	-
Theatres and amusement halls .....	-	59,778	59,778	3,554	11,931	15,485
Factories, warehouses and storehouses	639,714	-	639,714	683,559	56,254	1,249,813
Garages .....	112,310	16,097	128,407	88,638	6,982	95,620
Service stations .....	87,509	117,281	204,790	62,452	-	62,452
Mine buildings .....	-	-	-	11,708	-	11,708
Aeroplane hangars .....	-	-	-	949,593	59,963	1,009,556
Buildings, unable to specify .....	684,422	533,252	1,217,674	780,881	389,774	1,170,655

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NOVA SCOTIA

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction</u>	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc. ....	1,466,595	-	1,466,595	1,100,871	-	1,100,871
Gravel or stone surfaced streets, highways, etc. ....	1,123,844	-	1,123,844	-	-	-
Watermains and connections ....	38,813	-	38,813	31,873	-	31,873
Dams and reservoirs ....	-	-	-	8,139	-	8,139
Electric stations, power plants, etc. ....	287,421	31,579	319,000	-	-	-
Aerodromes or landing fields ....	1,390,757	-	1,390,757	3,004,866	-	3,004,866
Engineering, unable to specify ....	923,664	122,706	1,046,370	2,098,267	142,764	2,241,031
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ....	814,284	108,915	923,199	1,494,460	97,634	1,592,094
Works, unable to specify ....	377,240	4,813	382,053	496,879	6,670	503,549
<u>Trade Construction</u>						
Bricklaying ....	8,615	5,042	13,657	8,714	8,400	17,114
Carpentry work ....	12,611	105,658	118,269	3,369	88,461	91,830
Concreting and cement work ....	-	-	-	-	2,846	2,846
Electrical work ....	48,942	91,294	140,236	36,332	123,294	159,626
Excavating ....	-	-	-	23,788	-	23,788
Flooring ....	-	5,872	5,872	-	3,874	3,874
Glass and glazing ....	-	16,140	16,140	-	25,214	25,214
Lathing, plastering and stucco ....	4,410	8,213	12,623	5,511	2,215	7,726
Ornamental iron work ....	-	7,157	7,157	-	-	-
Painting and decorating ....	12,110	132,388	144,498	5,930	150,833	156,763
Plumbing, heating and sanitary engineering ....	155,016	355,498	510,514	156,329	423,435	579,764
Roofing, all other ....	-	18,271	18,271	-	23,769	23,769
Sheet metal work, other than roofing ....	31,715	-	31,715	94,406	-	94,406
Weatherstripping and insulation ....	-	-	-	-	965	965
Trades, unable to specify ....	165,298	100,199	265,497	188,352	104,614	292,966
TOTAL VALUE OF WORK PERFORMED .....	10,386,443	2,597,282	12,983,725	13,164,459	2,793,786	15,958,245

Table 28. - Description, Classification and Value of Work Performed in Nova Scotia by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning ....	17,800	-	17,800	-	-	-
Bricklaying ....	18,329	1,239	19,568	21,816	2,595	24,411
Carpentry work ....	19,594	-	19,594	22,034	-	22,034
Concreting and cement work ....	8,385	-	8,385	-	-	-
Electrical work ....	135,765	30,974	166,739	83,177	89,414	172,591
Glass and glazing ....	-	-	-	12,307	-	12,307
Lathing, plastering and stucco ....	93,185	10,923	104,108	112,730	11,114	123,844
Painting & decorating ....	44,404	11,143	55,547	9,104	17,559	26,663
Plumbing, heating and sanitary engineering ....	473,236	70,243	543,479	897,217	131,781	1,028,998
Roofing, sheet metal ....	3,670	-	3,670	-	-	-
Roofing, all other ....	-	12,583	12,583	63,801	-	63,801
Sheet metal work, other than roofing ....	-	-	-	83,677	-	83,677
Structural steel work ....	-	-	-	58,525	-	58,525
Tiling, marble and terrazzo ....	-	3,408	3,408	68,914	-	68,914
Work, unable to specify ....	721,212	23,372	744,584	532,876	128,838	661,714
TOTAL VALUE OF WORK PERFORMED .....	1,535,580	163,885	1,699,465	1,966,178	381,301	2,347,479

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NOVA SCOTIA

Table 29. - Description, Classification and Value of Work Performed in Nova Scotia by Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	\$ 46,926	\$ 20,452	\$ 67,378	\$ 740	\$ 616	\$ 1,356
Office buildings .....	75,776	24,144	99,920	3,899	17,316	21,215
Warehouses or storehouses .....	72,841	55,009	127,850	93,399	124,756	218,155
Garages .....	40,964	-	40,964	345	8,304	8,649
Elevators, grain .....	1,739	6,318	8,057	-	17,903	17,903
Farm buildings .....	10,626	-	10,626	-	-	-
Aeroplane hangars .....	123,709	-	123,709	-	-	-
Armouries and barracks .....	472,235	372,860	845,095	8,193,022	239,623	8,432,645
Hospitals and sanatoria .....	-	-	-	136,699	35,199	171,898
All other buildings and structures .....	270,170	155,622	425,792	134,008	18,633	152,641
Hard surfaced or paved streets, highways, etc. ....	266,225	169,804	436,029	194,145	215,469	409,614
Gravel and stone surfaced streets, highways, etc. ....	681,505	1,335,785	2,017,290	215,414	1,311,529	1,526,943
Dirt or clay roads .....	200,000	545,728	745,728	916	476,868	477,784
Grading, scraping, oiling, filling, etc. .	-	14,475	14,475	17,080	23,544	40,624
Sidewalks .....	20,048	15,515	35,563	5,006	7,944	12,950
Roadside maintenance and area improvement .....	2,003	18,796	20,799	3,242	18,793	22,035
Bridges, viaducts, all types .....	210,890	276,905	487,795	124,959	272,583	397,542
Culverts .....	39,981	2,816	42,797	1,810	150	1,360
Storm sewers .....	3,926	857	4,783	768	-	768
Tile drains, drainage ditches and open sewers .....	-	1,541	1,541	3,300	3,507	6,807
Fencing (excluding temporary snow fencing) .....	6,401	2,784	9,185	4,002	679	4,681
Signs .....	-	5,692	5,692	474	6,283	6,757
Zone painting .....	-	16,101	16,101	-	15,757	15,757
Watermains and connections .....	90,398	125,477	215,875	138,844	94,958	233,802
Sewers and connections .....	63,260	13,743	77,003	26,863	3,094	29,957
Reservoirs .....	-	728	728	2,208	3,896	6,104
Pole or distribution lines, electric .....	23,499	10,632	34,131	17,489	10,367	27,856
Docks, wharves, piers, breakwaters .....	221,652	310,724	532,376	9,675	142,243	151,918
Retaining walls and riprappling .....	40,921	78,218	119,139	6,068	2,882	8,950
Canals and waterways .....	-	1,373	1,373	-	1,436	1,436
Water control or dams .....	-	-	-	528	-	528
Aerodromes or landing fields .....	23,315	508	23,823	3,301	11,899	15,200
Dredging .....	25,500	124,507	150,007	-	77,233	77,233
Park systems (including grounds and walks) .....	17,783	11,512	29,295	849	6,499	7,348
Telephone and telegraph lines .....	-	14,000	14,000	-	15,000	15,000
Works, unable to specify .....	42,193	79,612	121,805	110,915	44,828	155,743
TOTAL VALUE OF WORK PERFORMED .....	3,094,486	3,812,238	6,906,724	9,449,368	3,229,791	12,679,159

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NOVA SCOTIA

Table 30. - Cost of Materials Used in Nova Scotia by Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939	1940
	Cost Value	Cost Value
Lumber and timber, rough and dressed .....	\$ 650,942	2,684,686
Lumber and timber, creosoted or chemically treated .....	274,423	93,170
Piling, wood (including treated piling) .....	38,138	7,520
Piling, steel .....	10,449	-
Piling, other .....	-	539
Posts, wood .....	3,911	5,734
Posts, steel .....	1,244	316
Posts, other .....	2,000	-
Iron and steel shapes .....	21,717	20,128
Iron and steel forms .....	2,511	-
Iron and steel reinforcing .....	7,330	84,738
Hydrants .....	2,588	2,682
Manhole covers and frames .....	4,513	3,960
Pipe, metal .....	40,266	106,374
Pipe, concrete .....	2,382	209,850
Pipe, vitrified clay, etc. ....	59,477	14,784
Calveris .....	71,382	2,624
Rope or cable, wire .....	10,011	10,574
Rope, other .....	2,559	2,297
Wire netting or mesh .....	3,831	634
Electrical supplies .....	66,069	28,656
Plumbing and shop supplies .....	68,763	417,072
Lead and lead pipes .....	6,137	3,231
Pipe fittings .....	57,358	17,779
Valves .....	10,512	571,366
Hardware .....	236,656	771,001
Paint and painters' supplies .....	34,327	144,054
Explosives .....	17,633	17,419
Fencing materials (not to include posts) .....	25,625	11,258
Signs, metal .....	3,846	9,584
Brick .....	10,073	25,996
Stone, crushed and all other .....	43,293	50,812
Gravel .....	46,418	24,944
Sand .....	5,483	51,021
Cement .....	31,810	86,477
Concrete, ready mix .....	6,742	910
Bituminous materials (not including oil) .....	163,767	256,060
Calcium chloride, salt and other chemicals .....	107,865	77,802
Oil, for road construction .....	2,721	1,845
Borrow pits, earth fill, cinders, etc. ....	4,646	2,099
Roofing materials .....	29,905	159,019
All other materials (unable to classify) .....	970,845	746,067
TOTAL COST OF MATERIALS .....	3,160,168	8,725,082

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NEW BRUNSWICK

Table 31. - Principal Statistics of the Construction Industry in New Brunswick in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
	No.	No.	\$	\$	\$	\$	\$
<u>1939</u>							
General and Trade Contractors and Subcontractors .....	263	2,920	3,062,177	4,478,141	7,418,505	1,793,421	9,211,926
Municipalities .....	6	295	266,661	195,929	254,657	232,047	486,704
The Harbours Board, Provincial and Dominion Government Departments .....	7	3,064	2,341,816	1,658,185	3,610,329	1,577,162	5,187,491
Totals .....	276	6,279	5,670,654	6,332,255	11,283,491	3,602,630	14,886,121
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	235	2,135	2,369,251	4,281,870	5,759,743	1,570,309	7,330,052
Municipalities .....	5	183	184,579	78,653	57,170	207,218	264,388
The Harbours Board, Provincial and Dominion Government Departments .....	5	2,924	2,282,108	2,464,903	3,895,710	1,512,678	5,408,388
Totals .....	245	5,242	4,835,938	6,825,426	9,712,623	3,290,205	13,002,828

Table 32. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single .....	338,069	115,607	453,676	267,111	85,812	352,923
Dwellings, semi-detached or double .....	22,887	11,849	34,736	-	27,127	27,127
Apartment houses .....	-	37,526	37,526	-	52,316	52,316
Hotels, clubs, restaurants, etc. .....	-	5,301	5,301	-	26,934	26,934
Churches and church halls .....	-	4,677	4,677	-	9,040	9,040
Schools, institutions, etc. .....	67,436	52,705	120,141	-	25,350	25,350
Office Buildings .....	215,511	86,935	302,446	146,765	95,853	242,618
Stores .....	-	31,576	31,576	-	36,804	36,804
Factories, warehouses and storehouses .....	416,694	49,954	466,648	249,134	104,089	353,223
Grain elevators .....	-	1,367	1,367	-	10,515	10,515
Garages .....	104,449	29,005	133,454	-	655	655
Service stations .....	69,491	70,715	140,206	36,952	-	36,952
Farm buildings .....	7,447	5,255	12,702	4,436	-	4,436
Armouries and barracks .....	92,486	83,790	176,276	3,234,048	73,409	3,307,457
Buildings, unable to specify .....	595,772	200,772	796,544	802,284	196,916	99,200

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NEW BRUNSWICK

Table 32. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction</u>	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc. ....	3,619,649	43,766	3,663,415	735,503	46,662	782,165
Gravel or stone surfaced streets, highways, etc. ....	2,629,943	995,136	3,625,079	282,141	784,378	1,066,519
Dirt or clay roads ....	3,837	5,882	9,719	-	7,397	7,397
Grading, scraping, oiling, filling, etc. ....	-	-	-	-	36,200	36,200
Sidewalks ....	24,279	8,523	32,802	21,434	14,984	36,418
Roadside maintenance and area improvement ....	-	1,275	1,275	-	1,000	1,000
Bridges, viaducts, all types ....	1,013,848	495,960	1,509,808	691,779	493,467	1,185,246
Subways, overhead crossings, etc. ....	17,570	357	17,927	-	141	141
Culverts ....	106,070	2,445	108,515	11,349	760	12,109
Watermains and connections ....	77,338	96,923	174,261	70,189	79,469	149,558
Sewers and connections ....	18,914	9,467	28,381	-	14,838	14,838
Storm sewers ....	15,229	1,835	17,064	-	718	718
Tile drains, drainage ditches and open sewers ....	373	459	832	-	1,006	1,006
Dams and reservoirs ....	-	750	750	-	-	-
Fencing (excluding temporary snow fencing) ....	-	323	323	-	192	192
Signs ....	12,500	188	12,688	200	50	250
Zone painting ....	-	722	722	-	525	525
Transmission lines and towers ....	-	-	-	10,820	-	10,820
Aerodromes or landing fields ....	-	-	-	1,887,996	-	1,887,996
Park systems (including grounds and walks) ....	1,625	9,872	11,497	-	20,342	20,342
Telephone and telegraph lines ....	-	4,748	4,748	-	1,293	1,293
Engineering, unable to specify ....	972,058	185,864	1,157,922	565,438	192,703	758,141
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ....	378,734	194,242	572,976	-	139,042	139,042
Retaining walls, embankments and ripraping ....	33,134	-	33,134	10,342	313	10,655
Dredging ....	134,255	220,982	355,237	-	202,679	202,679
Works, unable to specify ....	10,864	8,265	19,129	257,227	3,585	260,812
<u>Trade Construction</u>						
Bricklaying ....	-	32,843	32,843	-	-	-
Carpentry work ....	9,492	55,117	64,609	-	62,030	62,030
Concreting and cement work ....	-	3,458	3,458	-	4,415	4,415
Electrical work ....	20,407	47,783	68,190	5,604	47,502	53,106
Excavating ....	-	2,550	2,550	-	1,294	1,294
Flooring ....	2,145	2,272	4,417	-	-	-
Lathing, plastering and stucco ....	-	12,053	12,053	-	14,040	14,040
Masonry and stone work ....	-	973	973	-	-	-
Painting and decorating ....	9,254	72,894	82,148	17,900	80,835	98,735
Plumbing, heating and sanitary engineering ....	133,821	226,117	359,938	157,130	182,480	339,610
Roofing, sheet metal ....	-	4,545	4,545	-	-	-
Roofing, all other ....	-	21,187	21,187	-	-	-
Sheet metal work, other than roofing ....	20,550	37,012	57,562	-	19,720	19,720
Trades, unable to specify ....	87,360	8,808	96,168	246,841	91,325	338,166
TOTAL VALUE OF WORK PERFORMED ....	11,283,491	3,602,630	14,886,121	9,712,623	3,290,205	13,002,828

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NEW BRUNSWICK

Table 33. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	333,826	114,860	448,686	267,111	85,238	352,349
Dwellings, semi-detached or double .....	22,887	11,849	34,736	-	27,127	27,127
Apartment houses .....	-	37,526	37,526	-	52,316	52,316
Hotels, clubs, restaurants, etc. ....	-	5,301	5,301	-	26,934	26,934
Churches and church halls .....	-	4,677	4,677	-	9,040	9,040
Schools, institutions, etc. ....	67,436	51,281	118,717	-	25,350	25,350
Office buildings .....	-	-	-	-	92,651	92,651
Stores .....	-	31,576	31,576	-	36,804	36,804
Factories, warehouses and storehouses .....	408,004	39,210	447,214	245,952	69,072	315,024
Garages .....	102,224	-	102,224	-	655	655
Service stations .....	69,491	-	69,491	36,952	-	36,952
Farm buildings .....	7,447	5,255	12,702	4,436	-	4,436
Buildings, unable to specify .....	658,790	359,324	1,018,114	1,353,097	181,334	1,534,431
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	2,439,397	-	2,439,397	585,801	29,202	615,003
Gravel or stone surfaced streets, highways, etc. ....	1,208,989	-	1,208,989	-	-	-
Bridges, viaducts, all types .....	353,687	-	353,687	31,618	-	31,618
Watermains and connections .....	-	-	-	50,864	-	50,864
Aerodromes or landing fields .....	-	-	-	1,887,996	-	1,887,996
Engineering, unable to specify .....	971,202	441,856	1,413,058	628,623	265,343	893,966
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	349,401	-	349,401	-	-	-
Dredging .....	131,831	-	131,831	-	-	-
Works, unable to specify .....	10,864	165,314	176,178	239,818	166,396	406,214
<u>Trade Construction</u>						
Bricklaying .....	-	32,843	32,843	-	-	-
Carpentry work .....	9,492	55,117	64,609	-	63,030	62,030
Concreting and cement work .....	-	3,458	3,458	-	4,415	4,415
Electrical work .....	20,407	47,783	68,190	5,604	47,502	53,106
Flooring .....	2,145	2,272	4,417	-	-	-
Lathing, plastering and stucco .....	-	12,053	12,053	-	14,040	14,040
Masonry and stonework .....	-	973	973	-	-	-
Painting and decorating .....	9,254	72,894	82,148	17,900	80,835	98,735
Plumbing, heating and sanitary engineering .....	133,821	226,117	359,938	157,130	182,480	339,610
Roofing, sheet metal .....	-	4,545	4,545	-	-	-
Roofing, all other .....	-	21,187	21,187	-	-	-
Sheet metal work other than roofing .....	20,550	37,012	57,562	-	19,720	19,720
Trades, unable to specify .....	87,360	9,138	96,498	246,841	91,825	338,666
TOTAL VALUE OF WORK PERFORMED .....	7,418,505	1,793,421	9,211,926	5,759,743	1,570,309	7,330,052

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NEW BRUNSWICK

Table 34. - Description, Classification and Value of Work Performed in New Brunswick by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Carpentry work .....	7,589	-	7,589	11,405	-	11,405
Concreting and cement work .....	-	-	-	7,068	4,742	11,810
Electrical work .....	67,865	11,213	79,078	69,333	17,090	86,423
Painting and decorating .....	-	5,621	5,621	41,670	4,900	46,570
Plumbing, heating and sanitary engineering .....	109,452	62,960	172,412	228,696	77,620	306,316
Sheet metal work, other than roofing .....	18,620	3,660	22,280	-	-	-
Tiling, marble and terrazzo .....	-	-	-	43,143	-	43,143
Work, unable to specify .....	158,389	120,863	279,252	460,168	72,601	532,769
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>361,915</b>	<b>204,317</b>	<b>566,232</b>	<b>861,483</b>	<b>176,953</b>	<b>1,038,436</b>

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office buildings .....	4,243	747	4,990	-	574	574
Warehouses or storehouses .....	37,743	2,500	40,243	20,000	3,202	23,202
Garages .....	8,690	10,744	19,434	3,182	35,017	38,199
Elevators, grain .....	2,225	24,957	27,182	-	-	-
Schools, institutions, etc. .....	-	1,367	1,367	-	10,515	10,515
Armouries and barracks .....	87,086	80,787	167,873	2,670,000	72,254	2,742,254
All other buildings and structures .....	120,150	3,649	123,799	140,000	16,737	156,737
Hard surfaced or paved streets, highways, etc. .....	1,180,252	17,267	1,197,519	149,702	17,460	167,162
Gravel or stone surfaced streets, highways, etc. .....	1,420,954	734,585	2,155,539	216,913	729,676	946,589
Dirt or clay roads .....	2,662	5,882	8,544	-	7,397	7,397
Grading, scraping, oiling, filling, etc. ....	-	17,425	17,425	5,753	15,936	21,689
Sidewalks .....	24,279	8,523	32,802	17,477	14,984	32,461
Roadside maintenance and area improvement .....	-	1,275	1,275	-	1,000	1,000
Bridges, viaducts, all types .....	660,161	495,960	1,156,121	660,161	493,467	1,153,628
Subways, overhead crossings, etc. ....	6,000	357	6,357	-	141	141
Culverts .....	106,070	2,445	108,515	11,349	760	12,109
Storm sewers .....	15,229	1,835	17,064	730	718	1,448
Tile drains, drainage ditches and open sewers .....	373	459	832	-	1,006	1,006
Fencing (excluding temporary snow fencing) .....	-	323	323	-	192	192
Signs .....	12,500	188	12,688	200	50	250
Zone painting .....	-	722	722	-	525	525
Watermains and connections .....	77,338	96,923	174,261	19,325	69,956	89,281
Reservoirs .....	-	750	750	-	420	420
Sewers and connections .....	18,849	9,467	28,316	2,034	12,938	14,972
Pole or distribution lines, electric ....	11,710	8,755	20,465	8,303	9,020	17,323
Docks, wharves, piers, breakwaters .....	29,333	188,906	218,239	4,821	111,467	116,288
Retaining walls and ripraping .....	33,134	1,115	34,249	10,342	313	10,655
Dredging .....	2,424	68,154	70,578	12,588	67,443	80,031
Excavating .....	-	2,220	2,220	-	794	794

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

NEW BRUNSWICK

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Park systems (including grounds and walks) .....	\$ 1,625	\$ 9,872	\$ 11,497	\$ -	\$ 20,342	\$ 20,342
Telephone and telegraph lines .....	-	4,748	4,748	-	1,293	1,293
Works, unable to specify .....	1,956	4,878	6,834	-	4,299	4,299
TOTAL VALUE OF WORK PERFORMED .....	3,864,986	1,809,209	5,674,195	3,952,880	1,719,896	5,672,776

Table 36. - Cost of Materials Used in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939		1940	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 243,043	\$ 980,114		
Lumber and timber, creosoted or chemically treated .....	317,364	207,575		
Piling, wood (including treated piling) .....	10,424	7,225		
Piling, steel .....	6,739	2,338		
Piling, other .....	8,000	-		
Posts, wood .....	765	14,690		
Posts, other .....	419	-		
Iron and steel shapes .....	3,574	27,255		
Iron and steel forms .....	3,399	2,359		
Iron and steel reinforcing .....	17,944	21,253		
Hydrants .....	3,117	2,551		
Manhole covers and frames .....	5,000	2,581		
Pipe, metal .....	20,966	57,012		
Pipe, concrete .....	39,732	1,380		
Pipe, vitrified clay, etc. ....	6,609	18,698		
Culverts .....	2,022	.346		
Rope or cable, wire .....	7,372	7,323		
Rope, other .....	1,556	1,446		
Wire netting or mesh .....	501	1,062		
Electric light standards .....	553	-		
Electrical supplies .....	10,988	96,543		
Plumbing and shop supplies .....	18,884	149,437		
Lead and lead pipe .....	2,464	9,355		
Pipe fittings .....	4,660	35,412		
Valves .....	3,616	4,582		
Hardware .....	67,122	121,767		
Paint and painters' supplies .....	5,441	20,496		
Explosives .....	18,054	5,920		
Fencing materials (not to include posts) .....	4,623	3,011		
Guard rail materials (not to include posts) .....	1,500	1,766		
Brick .....	3,196	9,835		
Stone, crushed and all other .....	55,758	50,050		
Paving blocks .....	1,386	-		
Gravel .....	72,895	71,726		
Sand .....	16,230	22,127		
Cement .....	78,782	85,755		
Bituminous materials (not including oil) .....	481,653	68,606		
Calcium chloride, salt and other chemicals .....	20,742	17,082		
Oil, for road construction .....	3,416	3,163		
Borrow pits, earth fill, cinders, etc. ....	30,464	30,298		
Roofing materials .....	5,768	60,734		
Materials, unable to classify .....	247,273	320,693		
TOTAL COST OF MATERIALS .....	1,854,114	2,543,556		

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 37. - Principal Statistics of the Construction Industry in Quebec in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	2,748	29,521	32,395,051	50,343,361	68,718,947	20,991,828	89,710,775
Municipalities .....	47	3,622	3,547,080	1,607,911	3,042,609	2,331,052	5,373,661
The Harbours Board .....	5	577	532,108	246,005	283,095	655,604	938,699
Provincial Government Departments .....	7	19,242	13,969,949	4,748,239	11,360,660	7,395,999	18,756,659
Dominion Government Departments .....	5	2,759	2,157,664	1,576,854	2,382,035	1,367,851	3,749,886
<b>Totals .....</b>	<b>2,812</b>	<b>55,721</b>	<b>52,601,852</b>	<b>58,522,370</b>	<b>85,787,346</b>	<b>32,742,334</b>	<b>118,529,680</b>
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	2,520	30,899	39,479,873	58,196,889	78,678,106	22,346,513	101,024,619
Municipalities .....	41	2,499	2,537,192	1,094,567	1,540,014	2,173,115	3,713,129
The Harbours Board .....	5	462	543,078	167,633	116,099	739,795	855,894
Provincial Government Departments .....	7	10,633	9,192,554	3,884,659	8,124,317	6,686,143	14,810,460
Dominion Government Departments .....	4	2,548	3,488,323	3,534,175	5,773,367	1,261,527	7,034,894
<b>Totals .....</b>	<b>2,577</b>	<b>47,041</b>	<b>55,241,020</b>	<b>66,877,923</b>	<b>94,231,903</b>	<b>33,207,093</b>	<b>127,438,996</b>

Table 38. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	4,255,328	1,227,890	5,483,218	4,382,823	1,101,877	5,484,700
Dwellings, semi-detached or double .....	1,748,668	512,284	2,260,952	2,458,890	493,564	2,952,454
Duplexes .....	2,269,339	491,594	2,760,933	2,661,263	403,952	3,065,115
Apartment houses .....	3,392,080	895,888	4,287,968	3,535,081	833,047	4,368,128
Hotels, clubs, restaurants, etc. ....	858,915	257,377	1,116,292	513,119	338,038	851,157
Churches and church halls .....	927,507	354,275	1,281,782	911,576	213,203	1,124,779
Hospitals and sanatoria .....	1,988,557	295,489	2,284,046	1,734,178	277,691	2,011,869
Schools, institutions, etc. ....	5,820,271	946,748	6,767,019	3,170,728	626,190	3,796,918
Office buildings .....	2,901,362	913,116	3,814,478	1,573,416	904,843	2,478,259
Stores .....	641,971	774,790	1,416,761	565,632	1,262,514	1,828,146
Theatres and amusement halls .....	812,910	123,109	936,019	1,570,398	264,677	1,835,075
Factories, warehouses and storerooms .....	10,055,363	2,720,270	12,775,633	24,588,371	4,013,411	28,601,782
Grain elevators .....	15,911	137,995	153,906	-	139,834	139,834
Garages .....	332,988	153,075	486,063	365,667	199,648	565,315
Service stations .....	343,236	453,157	796,393	123,561	373,569	497,130
Mine buildings .....	626,735	349,121	975,856	448,030	145,036	593,066
Farm buildings .....	116,389	86,095	202,484	118,122	31,464	149,586
Armouries and barracks .....	426,150	246,508	672,558	6,526,855	563,915	7,090,770
Radio stations .....	14,213	-	14,213	-	-	-
Buildings, unable to specify .....	1,481,192	808,624	2,289,816	414,564	1,103,335	1,517,899
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	6,899,405	1,650,073	8,549,478	3,381,900	1,579,769	4,961,669
Gravel or stone surfaced streets, highways, etc. ....	7,364,254	3,600,986	10,965,240	5,237,817	2,999,265	8,237,082
Dirt or clay roads .....	582,325	68,800	651,125	754,733	742,522	1,497,255
Grading, scraping, oiling, filling, etc. ....	1,787,396	2,078,335	3,865,731	474,491	1,808,649	2,283,140
Sidewalks .....	249,902	215,385	465,287	128,506	159,759	288,265
Roadside maintenance and area improvement ...	86,818	948,612	1,035,430	22,421	676,722	699,143

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 38a - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Engineering Construction - concluded</b>	\$	\$	\$	\$	\$	\$
Bridges, viaducts, all types .....	2,356,618	554,984	2,913,602	807,505	329,184	1,136,689
Subways, overhead crossings, etc. ....	243,375	13,293	256,668	148,689	7,507	156,196
Culverts .....	343,953	229,800	573,753	323,114	194,785	517,899
Watertanks and connections .....	714,948	802,595	1,517,543	968,155	554,911	1,523,066
Sewers and connections .....	1,864,912	219,982	2,084,894	447,674	108,078	555,752
Storm sewers .....	564,555	98,322	662,877	658,330	127,232	785,562
Tile drains, drainage ditches and open sewers .....	149,975	91,628	241,603	237,784	48,515	286,299
Dams and reservoirs .....	445,787	596,905	1,042,692	1,395,735	205,035	1,800,770
Fencing (excluding temporary snow fencing) .....	30,413	11,768	42,181	51,811	7,943	59,754
Guard rails .....	48,709	14,339	63,048	20,165	18,295	38,460
Signs .....	39,461	10,969	50,430	36,112	9,208	45,320
Zone painting .....	4,566	3,239	7,805	21,042	2,393	23,435
Electric stations, power plants, etc. ....	6,120,140	246,871	6,367,011	8,299,558	-	8,299,558
Transmission lines and towers .....	2,075,398	771,834	2,847,232	3,833,489	719,662	4,553,151
Railway (steam) construction work .....	527,519	151,993	799,512	-	160,158	160,158
Aerodromes or landing fields .....	400,849	15,721	416,570	957,806	-	957,806
Park systems (including grounds and walks) .....	1,223,323	156,320	1,379,643	307,164	238,544	545,708
Telephone and telegraph lines .....	5,450	29,266	34,716	14,450	43,454	57,914
Gas mains and connections .....	-	-	-	1,629	-	1,629
Engineering, unable to specify .....	655,782	420,461	1,076,243	1,207,364	1,068,526	2,275,890
<b>Harbours, Rivers, etc.</b>						
Docks, wharves, piers and breakwaters .....	1,709,468	647,601	2,357,069	234,946	337,500	572,446
Retaining walls, embankments and riprapping .....	1,445,434	81,312	1,526,746	513,355	47,917	561,272
Canals and waterways .....	93,232	92,855	186,087	15,112	111,391	126,303
Dredging .....	-	175,067	175,067	-	145,594	145,594
Pile driving .....	67,577	-	67,577	-	-	-
Works, unable to specify .....	3,312,217	-	3,312,217	2,532,777	6,708	2,539,485
<b>Trade Construction</b>						
Air conditioning .....	23,095	20,143	43,238	45,416	36,554	81,970
Bricklaying .....	79,297	181,124	260,421	147,931	192,677	340,608
Carpentry work .....	96,365	204,492	300,857	56,517	234,259	290,776
Commercial refrigeration .....	83,228	-	83,228	31,695	-	31,695
Concreting and cement work .....	213,141	52,142	265,283	98,920	72,733	171,653
Electrical work .....	407,611	659,412	1,067,023	288,869	626,805	915,674
Elevators, service .....	185,402	308,200	493,608	-	307,269	307,269
Excavating .....	979,076	79,161	1,058,237	1,413,644	66,487	1,480,131
Flooring .....	75,208	92,617	167,825	19,029	99,683	118,712
Glass and glazing .....	106,475	257,967	364,442	99,113	212,298	311,411
Lathing, plastering and stucco .....	64,844	75,985	140,829	138,093	96,347	236,440
Masonry and stone work .....	5,906	32,176	38,082	-	38,285	38,285
Ornamental iron work .....	114,190	77,058	191,248	77,622	59,408	137,030
Painting and decorating .....	69,851	1,103,758	1,173,609	129,785	1,170,440	1,300,225
Plumbing, heating and sanitary engineering .....	965,021	2,518,279	3,483,300	868,177	2,584,480	3,452,657
Roofing, sheet metal .....	65,695	200,080	265,775	56,914	178,941	235,855
Roofing, all other .....	218,223	446,991	665,214	625,900	395,822	1,021,722
Sheet metal work, other than roofing .....	382,250	215,997	598,247	310,261	240,372	550,633
Sprinkler installation .....	401,537	20,738	422,275	214,044	22,918	236,962
Structural steel work .....	465,504	58,374	523,878	266,908	318,324	585,232
Tiling, marble and terrazzo .....	110,855	104,855	215,710	67,583	155,304	222,887
Weatherstripping and insulation .....	47,590	73,787	121,367	213,687	141,776	355,463
Wrecking and demolition .....	-	28,009	28,009	-	49,976	49,976
Tradss, unable to specify .....	82,146	184,268	266,414	365,887	154,991	520,878
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>85,787,346</b>	<b>32,742,334</b>	<b>118,529,680</b>	<b>94,231,903</b>	<b>33,207,093</b>	<b>127,438,996</b>

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

QUEBEC

Table 39. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single .....	4,216,956	1,206,925	5,423,881	3,881,371	1,064,795	4,953,167
Dwellings, semi-detached or double .....	1,748,668	512,284	2,260,952	2,458,890	493,564	2,952,454
Duplexes .....	2,269,339	491,594	2,760,933	2,661,263	403,852	3,065,115
Apartment houses .....	3,392,080	895,888	4,287,968	3,535,081	833,047	4,368,128
Hotels, clubs, restaurants, etc. ....	858,915	257,377	1,116,292	513,119	327,147	840,266
Churches and church halls .....	927,507	354,275	1,281,782	911,576	213,203	1,124,779
Hospitals and sanatorium .....	1,968,557	295,489	2,284,046	1,659,382	277,591	1,937,073
Schools, institutions, etc. ....	5,795,271	948,748	6,742,019	3,170,728	626,190	3,796,918
Office buildings .....	2,830,610	852,171	3,682,181	1,406,263	834,367	2,240,570
Stores .....	641,971	774,790	1,416,761	565,632	1,262,514	1,828,146
Theatres and amusement halls .....	221,300	122,161	343,461	1,501,939	261,092	1,763,031
Factories, warehouses & storehouses .....	9,903,737	2,536,337	12,440,074	24,504,971	3,804,455	28,309,426
Grain elevators .....	12,635	3,000	15,635	-	-	-
Garages .....	264,120	57,905	322,025	326,947	142,504	469,451
Service stations .....	343,236	452,157	795,393	123,561	373,569	497,130
Mine buildings .....	626,735	349,121	975,856	448,030	145,036	593,066
Farm buildings .....	101,490	83,782	185,272	61,348	22,848	84,196
Radio stations .....	14,213	-	14,213	-	-	-
Armouries and barracks .....	-	-	-	1,333,264	-	1,333,264
Buildings, unable to specify .....	183,315	338,679	521,994	298,418	938,835	1,237,253
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	4,370,393	644,556	5,014,949	1,535,042	393,338	1,928,380
Gravel or stone surfaced streets, highways, etc. ....	5,198,664	680,083	5,878,747	3,478,350	441,008	3,919,358
Dirt or clay roads .....	443,179	36,100	479,279	153,006	-	153,006
Grading, scraping, oiling, filling, etc. ....	708,433	440,981	1,149,434	236,478	162,729	399,207
Sidewalks .....	60,105	2,679	62,784	39,505	1,330	40,835
Bridges, viaducts, all types .....	1,503,500	163,550	1,667,050	674,892	24,595	699,447
Culverts .....	218,602	2,312	220,914	70,430	-	70,430
Watertanks and connections .....	-	-	-	494,638	22,042	516,680
Sewers and connections .....	412,925	5,527	418,452	142,588	-	142,588
Dams and reservoirs .....	335,220	476,768	811,988	1,384,004	-	1,384,004
Electric stations, power plants, etc. ....	6,118,561	215,881	6,334,442	8,289,058	-	8,289,058
Transmission lines and towers .....	2,040,693	564,164	2,604,857	3,605,245	521,751	4,326,996
Railway (steam) construction work .....	542,034	-	542,034	-	-	-
Aerodromes or landing fields .....	400,849	-	400,849	957,806	-	957,806
Engineering, unable to specify .....	869,930	116,258	986,188	1,215,727	1,208,168	2,423,895
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers & breakwaters .....	1,510,979	-	1,510,979	-	-	-
Retaining walls, embankments and ripping .....	90,701	25,938	116,639	11,700	17,373	29,073
Dredging .....	-	16,489	16,489	-	-	-
Pile driving .....	67,577	-	67,577	-	-	-
Works, unable to specify .....	3,202,269	148,617	3,350,886	2,664,036	126,082	2,790,118
<u>Trade Construction</u>						
Air conditioning .....	23,095	20,143	43,238	45,416	36,554	81,970
Bricklaying .....	79,297	181,124	260,421	147,931	192,677	340,608
Carpentry work .....	96,365	204,492	300,857	56,517	234,259	290,776
Commercial refrigeration .....	83,228	-	83,228	31,695	-	31,695
Concreting and cement work .....	213,141	52,142	265,283	98,920	72,733	171,653
Electrical work .....	407,611	659,412	1,067,023	288,869	626,805	915,674
Elevators, service .....	1B5,4C2	308,100	493,602	-	307,269	307,269
Excavating .....	20,834	3,790	24,624	34,567	-	34,567
Flooring .....	75,208	92,617	167,825	19,029	99,683	118,712

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

QUEBEC

Table 39. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded	\$	\$	\$	\$	\$	\$
Glass and glazing .....	106,475	257,967	364,442	99,113	212,298	311,411
Lathing, plastering and stucco .....	64,844	75,985	140,829	138,093	98,347	236,440
Masonry and stone work .....	5,906	32,176	38,082	-	38,285	38,285
Ornamental iron work .....	114,190	77,058	191,248	77,622	59,408	137,030
Painting and decorating .....	69,851	1,103,758	1,173,609	129,785	1,170,440	1,300,225
Plumbing, heating and sanitary engineering .....	965,021	2,518,279	3,483,300	868,177	2,584,480	3,452,657
Roofing, sheet metal .....	63,695	200,080	265,775	56,914	178,941	235,855
Roofing, all other .....	218,223	446,991	665,214	625,900	395,822	1,021,722
Sheet metal work, other than roofing .....	382,250	215,997	598,247	310,261	240,372	550,633
Sprinkler installation .....	401,537	20,738	422,275	214,044	22,918	236,962
Structural steel work .....	465,504	58,374	523,878	266,908	318,324	585,232
Tiling, marble and terrazzo .....	110,855	104,855	215,710	67,583	155,304	222,887
Weatherstripping and insulation .....	47,580	73,787	121,367	213,687	141,776	355,463
Wrecking and demolition .....	-	28,009	28,009	-	49,976	49,976
Trades, unable to specify .....	82,146	184,268	266,414	365,887	166,716	532,603
TOTAL VALUE OF WORK PERFORMED .....	58,718,947	20,991,828	89,710,775	78,678,106	22,346,513	101,024,619

Table 40. - Description, Classification and Value of Work Performed in Quebec by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Bricklaying .....	108,292	18,799	127,091	157,373	42,048	199,421
Carpentry work .....	420,118	121,740	541,858	500,503	117,860	618,363
Concreting and cement work .....	224,259	25,053	249,312	363,536	28,583	392,119
Electrical work .....	245,730	95,198	340,928	814,971	55,152	870,123
Elevators, service .....	1,134,296	358,232	1,492,528	2,896,495	557,530	3,454,025
Excavating .....	138,564	-	138,564	194,195	-	194,195
Flooring .....	331,380	-	331,380	488,565	-	488,565
Glass and glazing .....	156,143	79,669	235,812	259,270	102,612	361,882
Lathing, plastering and stucco .....	306,212	164,999	471,211	273,352	151,010	424,362
Masonry and stone work .....	925,015	116,075	1,041,090	908,379	179,559	1,087,938
Ornamental iron work .....	184,463	17,465	201,928	123,085	18,085	141,170
Painting and decorating .....	337,967	106,916	444,883	533,356	66,156	599,512
Plumbing, heating and sanitary engineering .....	255,255	318,246	573,501	347,601	312,496	660,097
Roofing, sheet metal .....	2,437,756	723,811	3,161,567	3,741,505	944,019	4,685,524
Roofing, all other .....	243,301	85,263	328,564	255,405	64,976	320,381
Sheet metal work (other than roofing) .....	501,816	182,207	684,023	649,973	295,333	945,306
Sprinkler installation .....	407,072	49,387	456,459	859,681	132,509	992,190
Street and highway work .....	325,100	30,977	356,077	323,873	-	323,873
Structural steel work .....	187,966	8,996	196,962	142,626	-	142,626
Tiling, marble and terrazzo .....	6,087,208	151,967	6,239,175	-	155,493	155,493
Weatherstripping and insulation .....	934,670	143,002	1,077,672	1,100,874	115,688	1,216,562
Wrecking and demolition .....	107,710	46,610	154,320	233,562	82,656	316,218
Pile driving .....	-	51,857	51,857	-	59,739	59,739
Work, unable to specify .....	788,619	650,033	1,438,652	10,458,374	17,612	69,343
TOTAL VALUE OF WORK PERFORMED .....	16,788,912	3,546,502	20,335,414	25,678,285	3,718,979	29,397,264

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

QUEBEC

Table 41. - Description, Classification and Value of Work Performed in Quebec, by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	\$ 38,372	20,965	\$ 59,337	\$ 494,452	37,081	\$ 531,533
Office buildings .....	71,352	60,945	132,297	167,213	70,476	237,689
Warehouses or storehouses .....	151,626	183,933	335,559	83,400	208,956	292,856
Garages .....	68,868	95,170	164,038	38,720	57,144	95,864
Elevators, grain .....	3,276	134,995	138,271	-	139,684	139,684
Schools, institutions, etc. .....	25,000	-	25,000	-	-	-
Hospitals and sanatoria .....	-	-	-	74,796	-	74,796
Hotels, clubs and restaurants .....	-	-	-	-	10,891	10,891
Theatres and amusement halls .....	591,610	948	592,558	68,459	3,585	72,044
Farm buildings .....	14,899	2,313	17,212	56,774	8,616	65,390
Armouries and barracks .....	426,150	240,752	666,902	5,193,591	455,303	5,648,894
All other buildings and structures .....	1,297,877	475,701	1,773,578	116,146	273,262	389,408
Hard surfaced or paved streets, highways, etc. .....	2,529,012	1,005,517	3,534,529	1,846,858	1,186,431	3,033,289
Gravel or stone surfaced streets, highways, etc. .....	2,165,590	2,920,903	5,086,493	1,759,467	2,558,257	4,317,724
Dirt or clay roads .....	139,146	32,700	171,846	601,727	624,251	1,225,978
Grading, scraping, oiling, filling, etc. ....	1,076,943	1,637,354	2,716,297	236,013	1,645,920	1,883,933
Sidewalks .....	189,797	212,706	402,503	89,001	158,429	247,430
Roadside maintenance and area improvement .....	86,818	948,612	1,035,430	22,421	676,722	699,143
Bridges, viaducts, all types .....	855,118	391,434	1,246,552	132,653	304,589	437,242
Subways, overhead crossings, etc. ....	121,924	13,293	135,217	115,632	7,507	123,139
Culverts .....	125,351	227,488	352,839	252,684	194,785	447,469
Storm sewers .....	286,079	98,322	384,401	531,241	123,652	654,893
Tile drains, drainage ditches and open sewers .....	149,975	91,628	241,603	237,784	48,515	286,299
Fencing (excluding temporary snow fencing) .....	24,035	11,432	35,467	40,610	7,943	48,553
Guard rails .....	44,390	14,339	58,729	20,165	18,295	38,460
Signs .....	39,461	10,969	50,430	36,112	9,208	45,320
Zone painting .....	4,566	3,239	7,805	21,042	2,393	23,435
Water mains and connections .....	641,056	779,773	1,420,829	473,517	532,869	1,006,386
Reservoirs .....	48,965	8,730	57,695	9,169	19,233	28,402
Sewers and connections .....	1,451,987	214,455	1,666,442	305,086	93,793	398,879
Electric stations and power plants .....	1,579	30,990	32,569	10,500	15,632	26,132
Pole or distribution lines, electric .....	34,705	207,670	242,375	28,244	197,911	226,155
Docks, wharves, piers and breakwaters .....	198,489	498,984	697,473	73,615	220,126	293,741
Retaining walls and riprappling .....	1,354,733	55,374	1,410,107	501,655	30,544	532,199
Canal reaches .....	58,768	25,260	84,028	-	33,703	33,703
Canal locks .....	10,500	60,741	71,241	-	68,387	68,387
Canal gates .....	23,964	6,854	30,818	13,212	9,301	22,513
Water control or dams .....	61,602	111,407	173,009	2,562	53,227	55,789
Aerodromes or landing fields .....	-	15,721	15,721	-	-	-
Dredging .....	109,948	158,578	268,526	31,972	143,594	175,566
Excavating .....	958,242	75,371	1,033,613	1,379,077	54,762	1,433,839
Park systems (including grounds and walks) .....	1,213,573	156,320	1,369,893	269,871	238,544	508,415
Underground conduits .....	911	-	911	-	-	-
Railway (steam) construction work .....	85,485	141,232	226,717	-	149,063	149,063
Telephone and telegraph lines .....	5,450	29,266	34,716	13,348	43,464	56,812
Gas mains and connections .....	-	-	-	1,629	-	1,629
Works, unable to specify .....	279,207	338,122	617,329	201,379	124,532	325,911
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>17,068,399</b>	<b>11,750,506</b>	<b>28,818,905</b>	<b>15,553,797</b>	<b>10,860,580</b>	<b>26,414,377</b>

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

QUEBEC

Table 42. - Cost of Materials Used in Quebec by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939	1940
	Cost Value	Cost Value
	\$	\$
Lumber and timber, rough and dressed .....	965,040	1,249,045
Lumber and timber, creosoted or chemically treated .....	62,483	154,809
Piling, wood (including treated piling) .....	24,812	617
Piling, steel .....	40,447	5,404
Piling, other .....	6,221	34,236
Posts, wood .....	15,195	45,987
Posts, steel .....	2,029	5,402
Posts, other .....	1,882	1,435
Iron and steel shapes .....	195,965	62,684
Iron and steel forms .....	27,973	20,535
Iron and steel reinforcing .....	88,436	164,010
Hydrants .....	22,606	22,761
Manhole covers and frames .....	39,714	23,459
Pipe, metal .....	345,818	194,384
Pipe, concrete .....	141,385	136,563
Pipe, vitrified clay, etc. ....	125,871	58,431
Culverts .....	78,269	11,801
Rope or cable, wire .....	32,357	27,849
Rope, other .....	4,280	4,888
Wire netting or mesh .....	30,430	14,309
Electric light standards .....	17,559	10,222
Electrical supplies .....	307,004	449,073
Plumbing and shop supplies .....	169,055	296,079
Lead and lead pipe .....	29,663	41,639
Pipe fittings .....	53,745	70,380
Valves .....	47,176	22,030
Hardware .....	331,396	565,325
Paint and painters' supplies .....	93,079	99,974
Explosives .....	94,774	47,080
Fencing materials (not to include posts) .....	15,426	44,337
Guard rail materials (not to include posts) .....	14,957	5,044
Signs, metal .....	37,151	45,777
Brick .....	48,944	38,579
Stone, crushed and all other .....	913,721	458,183
Paving blocks .....	7,124	2,111
Gravel .....	536,621	407,572
Sand .....	135,611	128,943
Cement .....	557,761	481,183
Concrete, ready mix .....	34,719	4,881
Bituminous materials (not including oil) .....	1,448,350	471,766
Calcium chloride, salt and other chemicals .....	287,583	284,419
Oil, for road construction .....	15,190	647,573
Borrow pits, earth fill, cinders, etc. ....	99,612	32,853
Roofing materials .....	42,460	142,623
All other materials, unable to classify .....	589,105	644,779
TOTAL COST OF MATERIALS USED .....	8,179,009	8,681,034

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.ONTARIO

Table 43. - Principal Statistics of the Construction Industry in Ontario in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	6,590	38,310	44,193,820	66,892,350	87,746,326	33,555,087	121,301,413
Municipalities .....	122	5,677	5,986,666	3,289,474	3,887,918	6,653,998	10,541,916
Provincial Government Departments.....	3	6,463	4,675,271	4,380,273	4,899,701	4,195,478	9,095,179
The Harbours Board .....	3	120	116,838	49,130	70,548	128,243	198,791
Dominion Government Departments .....	5	1,768	1,944,331	1,682,450	1,639,278	2,052,817	3,692,095
Totals .....	6,723	52,338	56,916,926	76,293,682	98,243,771	46,585,623	144,829,394
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	6,127	43,730	55,454,403	97,976,867	120,226,328	40,067,003	160,293,331
Municipalities .....	126	4,928	5,256,867	3,434,082	3,263,864	6,180,657	9,444,521
Provincial Government Departments .....	3	5,510	4,219,876	6,025,260	5,238,214	5,155,798	10,394,012
The Harbours Board .....	3	90	97,596	46,639	38,739	117,741	156,480
Dominion Government Departments .....	4	3,947	5,838,374	6,162,714	10,153,534	1,862,502	12,016,036
Totals .....	6,263	58,205	70,967,116	113,645,562	138,920,679	53,383,701	192,304,380

Table 44. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	16,716,754	2,789,877	19,506,631	19,652,342	2,729,609	22,381,951
Dwellings, semi-detached or double .....	848,169	261,270	1,109,439	1,019,176	151,457	1,170,633
Duplexes .....	482,549	280,469	963,018	403,128	231,977	635,105
Apartment houses .....	3,790,832	730,563	4,521,395	1,945,726	458,605	2,404,331
Hotels, clubs, restaurants, etc. ....	685,817	447,364	1,133,181	527,033	642,106	1,169,139
Churches and church halls .....	498,717	255,922	754,639	362,878	151,189	514,067
Hospitals and sanatoria .....	2,506,778	129,729	2,636,507	1,687,619	174,082	1,861,701
Schools, institutions, etc. ....	2,485,557	1,013,776	3,499,333	2,707,691	316,911	3,024,602
Office buildings .....	4,298,111	1,001,728	5,299,839	4,522,716	1,142,999	5,665,715
Stores .....	1,477,063	1,373,960	2,851,023	2,280,486	2,051,201	4,331,687
Theatres and amusement halls .....	767,819	261,505	1,029,324	498,253	194,366	692,619
Factories, warehouses & storehouses .....	5,479,214	3,442,195	8,921,409	23,271,524	6,842,401	30,113,925
Elevators, grain .....	23,390	104,377	127,767	2,705,864	240,207	2,946,071
Garages .....	564,747	100,516	665,263	612,838	211,732	824,570
Service stations .....	620,980	-	620,980	577,479	670,753	1,248,232
Mine buildings .....	3,833,693	103,706	3,937,399	3,164,608	333,815	3,498,423
Farm buildings .....	692,201	206,432	898,633	593,024	204,196	797,220
Armouries and barracks .....	1,741,710	945,865	2,687,575	12,707,477	560,587	13,268,064
Aeroplane hangars .....	336,543	-	336,543	3,602,784	-	3,602,784
Radio stations .....	34,284	-	34,284	39,333	-	39,333
Buildings, unable to specify .....	205,109	1,303,328	1,508,437	176,250	201,202	377,452

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

ONTARIO

Table 44. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Continued.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction</u>			\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc. ....	8,984,688	2,410,322	11,395,010	8,101,854	3,244,134	11,345,988
Gravel or stone surfaced streets, highways, etc. ....	6,175,011	3,478,257	9,653,268	5,163,283	2,777,205	7,940,488
Dirt or clay roads ....	463,900	82,899	546,799	172,472	152,847	325,319
Grading, scraping, oiling, filling, etc. ....	5,462,542	1,253,753	6,716,295	2,555,650	2,376,705	4,932,355
Sidewalks ....	264,822	220,735	485,557	179,144	241,626	420,770
Roadside maintenance and area improve- ment ....	61,311	1,073,587	1,134,898	62,707	762,311	825,018
Bridges, viaducts, all types ....	1,336,145	309,336	1,645,481	1,546,717	390,675	1,937,392
Subways, overhead crossings, etc. ....	525,406	3,337	528,743	336,605	3,340	339,945
Culverts ....	400,830	132,496	533,326	346,024	158,989	505,013
Watermains and connections ....	997,083	669,852	1,666,935	1,452,261	665,984	2,118,245
Sewers and connections ....	642,723	286,734	929,457	1,457,965	312,948	1,770,913
Storm sewers ....	172,440	27,935	200,375	365,627	42,536	408,163
Tile drains, drainage ditches and open sewers .	136,670	207,309	343,979	158,937	172,193	331,130
Dams and reservoirs ....	537,423	117,773	655,196	-	99,843	99,843
Fencing (excluding temporary snow fencing) ....	259,821	25,529	285,350	485,700	23,776	509,476
Guard rails ....	180,403	99,899	280,302	169,827	98,894	268,721
Signs ....	90,042	97,618	187,660	48,724	146,392	195,116
Zone painting ....	5,183	76,954	82,137	15,662	145,111	160,773
Electric stations, power plants, etc. ....	7,794,694	2,729,293	10,523,987	8,238,545	3,187,167	11,425,712
Transmission lines and towers ....	2,353,248	274,176	2,627,424	4,568,222	228,064	4,796,286
Railway (steam) construction work ....	-	40,134	40,134	53,803	-	53,803
Aerodromes or landing fields ....	819,024	157,359	976,383	7,192,002	97,659	7,289,661
Park systems, including grounds and walks ....	305,419	1,126,669	1,432,088	119,741	1,021,105	1,140,846
Gas mains and connections ....	2,326	973	3,359	-	-	-
Telephones and telegraph lines ....	27,418	28,061	55,479	41,351	21,232	62,583
Installation of machinery ....	-	-	-	570,523	-	570,523
Engineering, unable to specify....	1,796,637	406,263	2,202,900	1,917,802	599,094	2,516,896
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ....	1,016,363	450,085	1,466,448	305,907	128,756	434,663
Retaining walls, embankments and riprapping ....	217,041	76,194	293,235	106,382	68,767	175,169
Canals and waterways ....	131,768	237,484	369,252	-	190,357	190,357
Dredging ....	568,894	-	568,894	114,310	380,874	495,184
Pile driving ....	23,273	-	23,273	84,558	4,408	88,966
Works, unable to specify ....	71,215	587,943	659,158	752,526	721,439	1,473,965
<u>Trade Construction</u>						
Air conditioning ....	316,499	68,548	385,047	364,875	104,447	469,322
Bricklaying ....	172,215	295,345	467,560	163,533	272,269	435,802
Carpentry work ....	309,642	931,838	1,241,480	491,234	1,281,447	1,772,681
Commercial refrigeration ....	259,737	59,145	318,882	227,693	55,745	283,438
Concreting and cement work ....	266,429	277,724	544,153	164,729	273,113	437,842
Electrical work ....	780,950	1,605,137	2,386,087	963,549	1,810,052	2,773,601
Elevators, service ....	296,893	442,691	739,574	290,540	522,073	812,613
Excavating ....	252,031	13,769	265,800	161,191	24,277	185,468
Flooring ....	57,438	138,639	196,077	55,873	128,182	184,055
Glass and glazing ....	51,312	144,929	196,241	87,671	177,952	265,623
Lathing, plastering and stucco ....	248,233	388,064	616,297	255,688	410,620	666,208
Masonry and stone work ....	52,060	78,625	130,685	34,971	76,507	111,478
Ornamental iron work ..	-	17,306	17,306	34,282	40,294	74,576
Painting and decorating ....	259,201	2,466,331	2,725,532	357,122	2,808,363	3,165,485

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 44. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Plumbing, heating and sanitary engineering .....	3,184,983	5,407,304	8,592,287	3,283,323	6,190,734	9,474,057
Roofing, sheet metal .....	167,346	342,771	510,117	126,122	489,681	615,803
Roofing, all other .....	181,670	889,757	1,071,427	378,366	1,032,857	1,411,223
Sheet metal work, other than roofing .....	343,901	899,587	1,243,488	395,364	906,325	1,301,689
Sprinkler installation .....	49,974	6,411	56,385	127,835	40,110	167,945
Structural steel work .....	557,628	-	557,628	-	20,059	20,059
Tiling, marble and terrazzo .....	165,409	188,732	354,141	161,311	197,766	359,077
Weatherstripping and insulation .....	45,710	329,144	374,854	107,677	375,201	482,878
Wrecking and demolition .....	-	116,071	116,071	-	121,031	121,031
Trades, unable to specify .....	110,660	56,214	166,874	944,770	50,750	995,520
TOTAL VALUE OF WORK PERFORMED .....	98,243,771	46,585,623	144,829,394	138,920,679	53,383,701	192,304,380

Table 45. - Description, Classification and Value of Work Performed in Ontario by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Bricklaying .....	329,098	62,110	391,208	389,250	77,441	466,691
Carpentry work .....	503,527	73,130	576,657	624,154	65,062	689,216
Commercial Refrigeration .....	349,050	106,080	455,130	413,075	61,053	474,128
Concreting and cement work .....	-	-	-	16,497	-	16,497
Electrical work .....	443,412	61,190	504,602	541,278	62,198	603,476
Elevators, service .....	1,411,825	376,809	1,788,034	2,509,768	963,388	3,473,156
Excavating .....	-	-	-	403,648	1,760	405,408
Flooring .....	156,466	6,658	163,124	504,955	17,279	522,234
Glass and glazing .....	174,272	47,265	221,537	238,259	80,136	318,395
Lathing, plastering and stucco .....	351,581	261,381	612,962	510,049	231,436	741,485
Masonry and stone work .....	1,349,919	239,400	1,589,319	1,411,961	242,421	1,654,382
Ornamental iron work .....	376,701	14,902	391,603	364,078	28,614	392,692
Painting and decorating .....	326,848	32,119	358,967	399,246	37,782	437,028
Plumbing, heating and sanitary engineering .....	622,321	390,814	1,013,135	1,056,324	348,373	1,404,697
Roofing, sheet metal .....	4,760,771	929,980	5,690,751	6,292,371	1,195,525	7,487,896
Roofing, all other .....	388,912	266,290	655,205	1,003,903	306,377	1,310,280
Sheet metal work, other than roofing .....	389,189	201,466	590,655	665,402	278,783	944,185
Sprinkler installation .....	535,624	112,985	648,609	818,589	180,651	999,240
Structural steel work .....	193,493	-	193,493	407,694	-	407,694
Street and highway work .....	6,355,037	54,143	6,409,180	16,390,667	70,672	16,461,339
Tiling, marble and terrazzo .....	225,928	39,959	265,887	70,808	23,905	94,713
Weatherstripping and insulation .....	754,539	186,896	941,485	791,805	140,179	931,984
Wrecking and demolition .....	75,879	61,753	137,632	125,646	112,903	238,549
Open sewers or drains .....	-	42,948	42,948	-	-	-
Dredging .....	13,945	-	13,945	36,911	13,292	50,203
Work, unable to specify .....	86,152	-	86,152	-	-	-
TOTAL VALUE OF WORK PERFORMED .....	20,653,966	3,632,652	24,286,818	36,375,386	4,610,424	40,985,810

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 46. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	16,700,148	2,745,887	19,446,035	19,647,967	2,705,378	22,353,345
Dwellings, semi-detached or double .....	848,169	261,270	1,109,439	1,019,176	151,457	1,170,633
Duplexes .....	682,549	280,469	963,018	403,128	231,977	635,105
Apartment houses .....	3,790,832	730,563	4,521,395	1,945,726	458,605	2,404,331
Hotels, clubs, restaurants, etc. ....	680,498	435,466	1,115,964	518,444	634,520	1,152,964
Churches and church halls .....	498,717	255,922	754,639	362,878	151,189	514,067
Hospitals and sanatoria .....	2,348,103	105,121	2,453,224	1,305,689	151,166	1,456,835
Schools, institutions, etc. ....	2,283,348	998,858	3,282,206	2,681,789	295,487	2,977,276
Office buildings .....	4,284,182	850,174	5,134,356	4,215,462	927,988	5,143,450
Stores .....	1,477,063	1,373,960	2,851,023	2,280,486	2,051,201	4,331,687
Theatres and amusement halls .....	767,819	261,505	1,029,324	498,253	194,366	692,619
Factories, warehouses & storehouses .....	5,435,169	3,348,911	8,784,080	22,836,331	6,711,792	29,548,123
Elevators, grain .....	23,390	63,990	87,380	2,705,864	203,771	2,909,635
Garages .....	545,199	92,840	638,039	521,213	197,779	718,998
Service stations .....	620,980	-	620,980	577,479	670,753	1,248,231
Mine buildings .....	3,833,693	103,706	3,937,399	3,164,608	333,815	3,498,423
Farm buildings .....	684,807	202,014	886,821	593,024	203,609	796,633
Aeroplane hangars .....	336,543	-	336,543	3,602,784	-	3,602,784
Armouries and barracks .....	600,474	-	600,474	4,156,785	79,544	4,236,329
Radio stations .....	34,284	-	34,284	39,333	-	39,333
Buildings, unable to specify .....	162,529	1,147,622	1,310,151	151,881	175,854	327,735
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	6,631,199	392,968	7,024,167	4,506,843	851,804	5,358,647
Gravel or stone surfaced streets, highways, etc. ....	5,094,548	491,372	5,585,920	4,127,858	369,497	4,497,355
Dirt or clay roads .....	293,910	13,039	306,949	124,061	19,551	143,612
Grading, scraping, oiling, filling, etc. ....	4,247,490	85,097	4,332,587	2,055,285	376,976	2,432,261
Sidewalks .....	98,535	11,563	110,098	64,869	14,182	79,051
Bridges, viaducts, all types .....	811,611	21,966	833,577	994,693	35,135	1,029,828
Subways, overhead crossings, etc. ....	284,161	-	284,161	173,536	-	173,536
Culverts .....	103,858	10,663	114,521	95,828	15,050	110,878
Watermains and connections .....	261,428	41,506	302,934	717,109	23,303	740,412
Sewers and connections .....	321,057	38,357	359,414	927,414	29,992	957,406
Storm sewers .....	64,009	832	64,841	118,097	-	118,097
Open sewers or drains .....	38,689	31,856	70,545	65,628	14,580	80,208
Dams and reservoirs .....	466,326	26,505	492,831	-	-	-
Fencing (excluding temporary snow fencing) .....	51,396	-	51,396	241,935	5,060	246,995
Electric stations, power plants, etc. ....	7,790,132	2,712,082	10,502,214	8,238,545	3,186,045	11,424,590
Installation of boilers and machinery .....	-	-	-	570,523	-	570,523
Transmission lines and towers .....	2,182,631	120,376	2,303,007	4,424,707	109,999	4,534,706
Railway (steam) construction work .....	-	20,875	20,875	-	-	-
Aerodromes or landing fields .....	612,409	-	612,409	7,191,502	90,512	7,282,014
Park systems (including grounds and walks) .....	-	-	-	4,996	-	4,996
Engineering, unable to specify .....	1,914,175	301,036	2,215,211	1,966,485	623,477	2,589,962
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ....	901,009	282,397	1,183,406	274,947	44,510	319,457
Retaining walls, embankments and riprapping .....	118,154	-	118,154	100,056	-	100,056
Canals and waterways .....	106,537	-	106,537	-	-	-
Dredging .....	520,709	-	520,709	94,513	-	94,513
Pile driving .....	23,273	-	23,273	84,558	4,408	88,966
Works, unable to specify .....	71,215	552,227	623,442	692,407	327,814	1,020,221

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Table 46. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Trade Construction</u>						
Air conditioning .....	316,499	68,548	385,047	364,875	104,447	469,322
Bricklaying .....	172,215	295,345	467,560	163,533	272,269	435,802
Carpentry work .....	309,642	931,838	1,241,480	491,234	1,281,447	1,772,681
Commercial refrigeration .....	259,737	59,145	318,882	227,693	55,745	283,438
Concreting and cement work .....	266,429	277,724	544,153	164,729	273,113	437,842
Electrical work .....	780,950	1,605,137	2,386,087	963,549	1,810,052	2,776,601
Elevators, service .....	296,883	442,691	739,574	290,540	522,073	812,613
Excavating .....	221,489	11,779	233,268	125,225	9,279	134,504
Flooring .....	57,438	138,639	196,077	55,873	128,182	184,055
Glass and glazing .....	51,312	144,929	196,241	87,671	177,952	265,623
Lathing, plastering and stucco .....	248,233	368,064	616,297	255,588	410,620	666,208
Masonry and stone work .....	52,060	78,625	130,685	34,971	76,507	111,478
Ornamental iron work .....	-	17,306	17,306	34,282	40,294	74,576
Painting and decorating .....	259,201	2,466,331	2,725,532	357,122	2,808,363	3,165,485
Plumbing, heating and sanitary engineering .....	3,184,983	5,407,304	8,592,287	3,283,323	6,190,734	9,474,057
Roofing, sheet metal .....	167,346	342,771	510,117	126,122	489,681	615,803
Roofing, all other .....	181,670	889,757	1,071,427	378,366	1,032,857	1,411,223
Sheet metal work, other than roofing .....	343,901	899,587	1,243,488	395,364	906,325	1,301,689
Sprinkler installation .....	49,974	6,411	56,385	127,835	40,110	167,945
Structural steel work .....	557,628	-	557,628	-	20,059	20,059
Tiling, marble and terrazzo .....	165,409	188,732	354,141	161,311	197,766	359,077
Weatherstripping and insulation .....	45,710	329,144	374,854	107,677	375,201	482,878
Wrecking and demolition .....	-	116,071	116,071	-	121,031	121,031
Trades, unable to specify .....	110,660	56,214	166,874	944,770	50,750	995,520
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>87,746,326</b>	<b>33,555,087</b>	<b>121,301,413</b>	<b>120,226,328</b>	<b>40,067,003</b>	<b>160,293,331</b>

Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Dwellings</u> .....						
Office buildings .....	16,606	43,990	60,596	4,375	24,231	28,606
Warehouses or storehouses .....	13,929	151,554	165,483	307,254	215,011	522,265
Garages .....	44,045	93,284	137,329	435,193	130,609	565,802
Elevators, grain .....	19,548	7,676	27,224	91,625	13,953	105,578
Schools, institutions, etc. ....	-	40,387	40,387	-	36,436	36,436
Hospitals and sanatoria .....	202,209	14,918	217,127	25,902	21,424	47,326
Hotels, clubs, restaurants, etc. ....	158,675	24,608	183,283	381,950	22,916	404,866
Term buildings .....	5,319	11,898	17,217	8,589	7,586	16,175
Armouries and barracks .....	7,394	4,418	11,812	-	587	587
All other buildings and structures .....	1,141,236	723,732	1,864,968	8,550,692	481,043	9,031,735
	42,580	377,839	420,419	24,369	25,348	49,717

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Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940. - Concluded

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Hard surfaced or paved streets, highways, etc. ....	\$ 2,353,489	\$ 2,017,354	\$ 4,370,843	\$ 3,595,011	\$ 2,392,330	\$ 5,987,341
Gravel or stone surfaced streets, highways, etc. ....	1,080,463	2,986,885	4,067,348	1,035,425	2,407,708	3,443,133
Dirt or clay roads ....	169,990	69,860	239,850	48,411	133,296	181,707
Grading, scraping, ciling, filling, etc. ....	1,215,052	1,168,656	2,383,708	500,365	1,999,729	2,500,094
Sidewalks ....	166,287	209,172	375,459	114,275	227,444	341,719
Roadside maintenance and arm improvement ....	61,311	1,073,587	1,134,898	62,707	762,311	825,018
Bridges, viaducts, all types ....	524,534	287,370	811,904	552,024	355,540	907,584
Subways, overhead crossings, etc. ....	241,245	3,337	244,582	163,069	3,340	184,409
Culverts ....	296,972	121,833	418,805	250,196	143,939	394,135
Storm sewers ....	108,431	27,102	135,534	247,530	42,536	290,066
Tile drains, drainage ditches and open sewers ....	97,981	175,453	273,434	93,309	157,613	250,922
Fencing (excluding temporary snow fencing) ....	208,425	23,971	232,396	243,765	18,716	262,481
Guard rails ....	180,103	99,899	280,002	169,827	98,894	268,721
Signs ....	90,042	97,618	187,660	48,724	146,392	195,116
Zone painting ....	5,183	76,954	82,137	15,682	145,111	160,773
Watermains and connections ....	735,655	628,346	1,364,001	735,152	642,681	1,377,833
Reservoirs ....	1,685	2,516	4,201	-	3,525	3,525
Sewers and connections ....	321,666	248,377	570,043	530,551	282,956	813,507
Electric stations, power plants, etc. ....	4,562	17,211	21,773	-	1,122	1,122
Poles or distribution lines, electric ....	170,617	153,800	324,417	143,515	118,065	261,580
Docks, wharves, piers, breakwaters ....	115,354	167,588	283,042	30,960	84,246	115,206
Retaining walls and riprappling ....	98,887	64,290	163,177	6,326	52,878	59,204
Canal reaches ....	1,247	35,201	36,448	254	30,128	30,382
Canal locks ....	13,146	123,763	136,909	10,751	112,262	123,013
Canal gates ....	10,838	48,622	59,460	16,369	47,967	64,336
Water control or dams ....	69,412	88,752	158,164	11,776	58,157	69,933
Aerodromes or landing fields ....	206,615	46,799	253,414	-	7,147	7,147
Dredging ....	48,185	76,820	125,005	19,797	90,277	110,074
Excavating ....	30,542	1,990	32,532	35,966	14,998	50,964
Park systems, including grounds and walks ....	83,393	1,126,669	1,210,062	114,745	1,021,105	1,135,850
Railway (steam) construction work ....	730	19,259	19,989	20,418	19,190	39,608
Telephone and telegraph lines ....	27,418	28,061	55,479	12,630	14,730	27,360
Pile driving ....	-	698	698	-	-	-
Gas mains and connections ....	2,386	973	3,359	1,647	1,090	2,737
Work, unable to specify ....	104,058	217,345	321,403	33,245	700,131	733,376
TOTAL VALUE OF WORK PERFORMED ....	10,497,445	13,030,536	23,527,981	18,694,351	13,316,698	32,011,049

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Table 48. - Cost of Materials Used in Ontario, by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939	1940
	Cost Value	Cost Value
	\$	\$
Lumber and timber, rough and dressed .....	880,123	2,772,490
Lumber and timber, creosoted or chemically treated .....	86,893	153,032
Piling, wood (including treated piling) .....	11,552	8,651
Piling, steel .....	11,031	4,841
Piling, other .....	580	45
Posts, wood .....	53,281	57,680
Posts, steel .....	51,559	48,866
Posts, other .....	1,756	3,238
Iron and steel shapes .....	271,137	81,439
Iron and steel forms .....	11,156	294,804
Iron and steel reinforcing .....	33,638	74,739
Hydrants .....	27,700	40,127
Manhole covers and frames .....	51,239	80,737
Pipe, metal .....	278,217	355,438
Pipe, concrete .....	83,314	113,227
Pipe, vitrified clay, etc. ....	71,571	91,936
Culverts .....	185,992	148,291
Rope or cable, wire .....	38,081	50,740
Rope, other .....	5,924	4,548
Wire netting or mesh .....	11,611	24,087
Electric light standards .....	18,427	11,604
Electrical supplies .....	343,061	925,854
Plumbing and shop supplies .....	276,556	553,827
Lead and lead pipe .....	11,419	11,243
Pipe fittings .....	87,979	86,913
Valves .....	43,864	58,177
Hardware .....	334,526	532,125
Paint and painters' supplies .....	149,139	206,400
Explosives .....	22,363	21,715
Fencing materials (not to include posts) .....	125,152	86,487
Guard rail materials (not to include posts) .....	61,564	65,642
Signs, metal .....	35,810	57,587
Brick .....	35,169	20,386
Stone, crushed and all other .....	955,405	1,446,128
Paving blocks .....	1,116	5,351
Gravel .....	459,247	653,472
Sand .....	145,830	71,912
Cement .....	913,788	1,422,730
Concrete, ready mix .....	16,691	16,631
Bituminous materials (not including oil) .....	1,321,927	1,545,607
Calcium chloride, salt and other chemicals .....	756,604	761,232
Oil, for road construction .....	312,949	371,768
Borrow pits, earth fill, cinders, etc. ....	48,440	49,089
Roofing materials .....	43,501	197,253
All other materials (unable to classify) .....	714,350	2,080,516
TOTAL COST OF MATERIALS USED .....	9,401,332	15,668,695

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

MANITOBA

Table 49. - Principal Statistics of the Construction Industry in Manitoba in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	612	3,268	3,776,441	7,126,713	7,152,908	3,955,576	11,108,464
Municipalities .....	6	618	588,073	394,382	438,485	544,999	1,003,485
The Harbours Board, Provincial and Dominion Government Departments .....	8	1,111	1,217,346	758,151	1,399,574	1,337,163	2,736,737
Totals .....	626	4,997	5,581,860	8,279,246	8,990,968	5,857,738	14,848,706
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	630	5,092	6,383,467	13,151,908	17,233,603	4,844,728	22,078,331
Municipalities .....	6	482	523,333	241,590	172,491	595,408	767,899
The Harbours Board, Provincial and Dominion Government Departments .....	7	849	1,120,622	926,308	1,240,317	1,146,238	2,386,555
Totals .....	643	6,423	8,027,422	14,319,806	18,646,411	6,586,374	25,232,785

Table 50. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	1,418,915	376,065	1,794,980	2,069,819	473,103	2,542,922
Dwellings, semi-detached or double .....	17,072	20,746	37,818	27,565	71,088	98,653
Duplexes .....	-	61,689	61,689	30,495	87,291	117,786
Apartment houses .....	322,544	82,714	405,258	-	50,609	50,609
Hotels, clubs, restaurants, etc. .....	-	59,911	59,911	42,996	11,953	54,949
Churches and church halls .....	12,175	28,536	40,711	-	9,771	9,771
Hospitals and sanatoria .....	-	78,393	78,393	-	58,337	58,337
Schools, institutions, etc. .....	60,648	226,801	287,449	99,831	123,525	223,356
Offices buildings .....	151,289	550,199	701,488	149,037	671,339	820,376
Stores .....	-	36,400	36,400	28,404	18,638	47,042
Theatres and amusement halls .....	231,591	188,126	419,717	3,113,912	763,846	3,877,758
Factories, warehouses and storehouses .....	167,019	185,301	352,320	998,312	-	998,312
Elevators, grain .....	21,552	59,335	80,887	40,174	119,477	159,651
Garages .....	58,222	115,978	174,200	21,488	116,837	138,325
Service stations .....	57,209	31,142	88,351	24,179	12,644	36,823
Farm buildings .....	22,254	122,234	144,488	1,226,417	126,185	1,352,602
Armouries and barracks .....	2,112,432	58,881	2,171,313	3,023,079	288,104	3,311,183
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. .....	671,331	235,536	906,867	463,035	287,047	750,082
Gravel or stone surfaced streets, highways, etc. .....	835,394	554,857	1,390,251	122,996	483,241	606,237

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 50. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Departments in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Engineering Construction - concluded</b>	\$	\$	\$	\$	\$	\$
Dirt or clay roads .....	360,171	80,370	440,541	56,910	71,832	128,742
Grading, scraping, oiling, filling, etc. ....	32,906	100,840	133,746	-	54,908	54,908
Roadside maintenance and area improvement .....	200	72,325	72,525	-	59,891	59,891
Sidewalks .....	27,906	45,953	73,859	7,841	59,023	66,864
Bridges, viaducts, all types .....	103,245	49,205	152,450	13,462	40,909	54,371
Subways, overhead crossings, etc. ....	-	1,810	1,810	-	3,646	3,646
Gulverts .....	75,976	36,935	112,911	11,417	36,748	48,165
Water mains and connections .....	209,424	183,250	392,674	131,164	191,016	322,180
Sewers and connections .....	153,768	64,520	218,288	145,781	64,656	210,437
Storm sewers .....	2,322	365	2,687	-	680	680
Tile drains, drainage ditches and open sewers .....	-	1,290	1,290	-	8,259	8,259
Lams and reservoirs .....	158,304	23,097	181,401	50,335	-	50,335
Fencing (excluding temporary snow fencing) .....	53,239	2,173	55,412	19,914	1,135	21,049
Guard rails .....	400	12,467	12,867	-	9,708	9,708
Signs .....	558	20,214	20,772	313	12,275	12,568
Zone painting .....	-	148	148	-	2,735	2,735
Electric stations, power plants, etc. ....	-	-	-	-	1,168	1,168
Transmission lines and towers .....	-	2,011	2,011	-	1,484	1,484
Aerodromes or landing fields .....	-	-	-	5,337,823	-	5,337,823
Park systems, including grounds and walks .....	27,641	23,718	51,359	1,581	7,040	8,621
Telephone and telegraph lines .....	7,264	1,563	8,827	4,310	910	5,220
Engineering, unable to specify .....	1,060,505	140,161	1,200,666	516,351	115,864	632,215
<b>Harbours, Rivers, etc.</b>						
Docks, wharves, piers and breakwaters .....	-	49,729	49,729	24,622	15,973	40,595
Retaining walls, embankments and ripraping .....	2,935	202	3,137	-	157	157
Canals and waterways .....	-	-	-	-	14,488	14,488
Dredging .....	26,779	112,925	139,704	5,445	34,996	40,441
Works, unable to specify .....	12,882	-	12,282	5,901	-	5,901
<b>Trade Construction</b>						
Air conditioning .....	19,946	4,234	24,180	28,878	10,553	39,431
Bricklaying .....	-	6,274	6,274	-	6,762	6,762
Carpentry work .....	8,398	82,540	90,938	36,766	39,218	75,984
Concrete and cement work .....	-	44,187	44,187	20,259	83,454	103,713
Electrical work .....	47,583	231,764	279,347	27,902	302,617	330,519
Excavating .....	-	29,480	29,480	-	20,894	20,894
Flooring .....	-	-	-	-	19,845	19,845
Glass and glazing .....	-	56,126	56,126	-	-	-
Lathe, plastering and stucco .....	8,234	33,002	41,236	-	38,625	38,625
Masonry and stone work .....	-	749	749	-	-	-
Painting and decorating .....	8,982	243,997	252,979	22,637	275,975	298,512
Plumbing, heating and sanitary engineering .....	175,881	429,683	605,564	435,671	485,340	921,011
Roofing, sheet metal .....	-	-	-	24,000	154,844	178,844
Roofing, all other .....	-	69,780	69,780	15,840	67,179	83,019
Sheet metal work, other than roofing .....	25,476	80,501	105,977	39,868	74,078	113,946
Sprinkler installation .....	-	-	-	-	13,622	13,622
Tiling, marble and terrazzo .....	-	-	-	5,961	-	5,961
Weatherstripping and insulation .....	-	130,095	130,095	-	121,588	121,588
Trades, unable to specify .....	220,396	203,601	423,997	173,720	231,226	404,946
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>8,990,968</b>	<b>5,857,738</b>	<b>14,846,706</b>	<b>18,646,411</b>	<b>6,586,374</b>	<b>25,232,785</b>

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

MANITOBA

Table 51. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	1,406,482	375,015	1,781,497	2,065,119	470,411	2,535,530
Dwellings, semi-detached or double .....	17,072	20,746	37,818	27,565	71,088	98,653
Duplexes .....	-	61,689	61,689	30,495	87,291	117,786
Apartment houses .....	322,544	82,714	405,258	-	50,609	50,609
Hotels, clubs, restaurants, etc. .....	-	59,911	59,911	42,996	11,953	54,949
Churches and church halls .....	12,175	28,536	40,711	-	9,771	9,771
Hospitals and sanatoria .....	-	71,098	71,098	-	29,632	29,632
Schools, institutions, etc. .....	-	94,267	94,267	-	53,441	53,441
Office buildings .....	58,096	159,286	217,382	-	62,562	62,562
Stores .....	151,289	550,199	701,488	149,037	671,339	820,376
Theatres and amusement halls .....	-	36,400	36,400	28,464	18,638	47,042
Factories, warehouses and storehouses .....	218,339	176,415	394,754	3,109,822	753,756	3,863,578
Elevators, grain .....	167,019	183,950	350,969	998,312	-	998,312
Garages .....	19,207	40,497	59,704	-	-	-
Service stations .....	58,222	115,978	174,200	21,408	116,837	138,325
Farm buildings .....	49,473	11,565	61,038	24,179	12,644	36,823
Armouries and barracks .....	-	-	-	410,010	-	410,010
Buildings, unable to specify .....	2,105,208	52,379	2,157,587	3,123,543	397,199	3,520,742
<u>Engineering Construction</u>						
Gravel or stone surfaced streets, highways, etc. ....	308,352	-	308,352	-	-	-
Dirt or clay roads .....	114,411	-	114,411	-	-	-
Bridges, viaducts, all types .....	24,146	-	24,146	-	685	685
sidewalks .....	6,244	-	6,244	-	-	-
Water mains and connections .....	-	9,253	9,253	96,607	3,243	99,850
Sewers and connections .....	-	-	-	128,568	995	129,563
Dams and reservoirs .....	137,387	-	137,387	-	-	-
Aerodromes or landing fields .....	-	-	-	5,337,823	-	5,337,823
Engineering, unable to specify .....	1,449,514	174,665	1,624,179	781,414	91,175	872,589
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	-	-	-	24,622	-	24,622
Works, unable to specify .....	12,832	29,500	42,332	2,297	3,000	5,297
<u>Trade Construction</u>						
Air conditioning .....	19,946	4,234	24,180	28,878	10,553	39,431
Bricklaying .....	-	6,274	6,274	-	6,762	6,762
Carpentry work .....	8,398	82,440	90,938	36,766	39,218	75,984
Concreting and cement work .....	-	44,187	44,187	20,259	83,454	103,713
Electrical work .....	47,583	231,764	279,347	27,902	302,617	330,519
Excavating .....	-	4,980	4,980	-	-	-
Flooring .....	-	-	-	-	19,845	19,845
Glass and glazing .....	-	56,126	56,126	-	-	-
Lathing, plastering and stucco .....	8,234	33,002	41,236	-	38,625	38,625
Masonry and stone work .....	-	749	749	-	-	-
Painting and decorating .....	8,982	243,997	252,979	22,637	275,975	298,612
Plumbing, heating and sanitary engineering .....	175,881	429,683	605,564	435,871	485,340	921,011
Roofing, sheet metal .....	-	-	-	24,000	154,844	178,844
Roofing, all other .....	-	69,780	69,780	15,840	67,179	83,019
Sheet metal work, other than roofing .....	25,476	80,501	105,977	39,868	74,078	113,946
Sprinkler installation .....	-	-	-	-	13,622	13,622
Tiling, marble and terrazzo .....	-	-	-	5,961	-	5,961
Weatherstripping and insulation .....	-	130,095	130,095	-	121,588	121,588
Trades, unable to specify .....	220,396	203,601	423,997	173,520	234,759	408,279
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>7,152,908</b>	<b>3,955,576</b>	<b>11,108,484</b>	<b>17,233,603</b>	<b>4,844,728</b>	<b>22,078,331</b>

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

MANITOBA

Table 52. - Description, Classification and Value of Work Performed in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	12,433	1,050	13,483	4,700	2,692	7,392
Office buildings .....	2,552	67,515	70,067	7,976	60,963	68,939
Warehouses or storerooms .....	13,252	11,711	24,963	4,090	10,090	14,180
Garages .....	2,345	18,838	21,183	24,712	13,106	37,818
Elevators, grain .....	-	1,351	1,351	-	1,884	1,884
Schools, institutions, etc. ....	-	19,343	19,343	-	4,577	4,577
Hospitals and sanatoria .....	-	7,295	7,295	1,500	28,705	30,205
Farm buildings .....	7,736	19,577	27,313	-	-	-
Armouries and barracks .....	22,254	121,884	144,138	816,407	113,280	929,687
All other buildings and structures .....	7,224	6,852	14,076	5,353	8,297	13,650
Hard surfaced or paved streets, highways, etc. ....	306,204	235,536	541,740	292,907	287,047	579,954
Gravel or stone surfaced streets, highways, etc. ....	527,042	543,344	1,070,386	47,996	483,241	531,237
Dirt or clay roads .....	245,760	80,370	326,130	28,020	71,832	99,852
Grading, scraping, oiling, filling, etc. ....	32,656	76,662	109,318	10,177	54,908	65,085
Sidewalks .....	21,662	45,513	67,175	5,741	58,492	64,233
Roadside maintenance and area improvement .....	200	72,325	72,525	-	59,891	59,891
Bridges, viaducts, all types .....	79,099	48,855	127,954	13,462	40,224	53,686
Subways, overhead crossings, etc. ....	-	1,810	1,810	-	3,646	3,646
Culverts .....	75,426	36,935	112,361	6,851	36,748	43,599
Storm sewers .....	1,983	365	2,348	-	680	680
Tile drains, drainage ditches and open sewers .....	-	1,290	1,290	-	8,259	8,259
Fencing (excluding temporary snow fencing) .....	53,239	2,173	55,412	17,136	1,135	18,271
Guard rails .....	400	12,467	12,867	-	9,708	9,708
Signs .....	558	20,214	20,772	313	12,275	12,588
Zone painting .....	-	-	-	-	2,735	2,735
Watermains and connections .....	202,128	173,997	376,125	34,557	187,773	222,330
Sewers and connections .....	73,084	60,573	133,657	17,213	63,661	80,874
Electric stations and power plants .....	-	922	922	-	440	440
Pole or distribution lines, electric .....	8,595	927	9,522	3,108	987	4,093
Docks, wharves, piers, breakwaters .....	-	20,229	20,229	-	15,973	15,973
Retaining walls and riprappling .....	2,935	202	3,137	-	157	157
Canal locks .....	-	-	-	-	14,488	14,488
Water control or dams .....	20,118	23,097	43,215	24,082	-	24,082
Dredging .....	26,779	112,925	139,704	5,445	31,996	37,441
Excavating .....	-	24,500	24,500	200	17,361	17,561
Park systems (including grounds and walks) .....	27,641	23,718	51,359	1,581	7,040	8,621
Reservoirs .....	799	-	799	-	-	-
Telephone and telegraph lines .....	7,264	1,563	8,827	4,310	910	5,220
Works, unable to specify .....	56,692	6,234	62,926	34,973	26,445	61,418
TOTAL VALUE OF WORK PERFORMED .....	1,838,060	1,902,162	3,740,222	1,412,808	1,741,646	3,154,454

Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$ 31,056	\$ 6,182	\$ 37,238	\$ 55,139	\$ 10,695	\$ 65,834
Bricklaying .....	11,033	-	11,033	3,090	-	3,090
Carpentry work .....	23,467	3,919	27,386	46,026	8,865	54,891
Concreting and cement work .....	20,743	-	20,743	107,564	8,066	115,630

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

MANITOBA

Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Electrical work .....	\$	\$	\$	\$	\$	\$
Excavating .....	-	43,196	43,196	357,879	-	357,879
Lathing, plastering and stucco .....	8,010	-	8,010	19,442	-	19,442
Painting and decorating .....	109,786	39,053	148,839	55,637	42,330	97,967
Plumbing, heating and sanitary engineering .....	43,614	32,189	75,803	120,389	93,961	214,350
Roofing, all other .....	266,398	94,465	360,863	1,172,687	124,920	1,297,607
Sheet metal work other than roofing .....	90,350	25,908	116,258	233,673	-	233,673
Weatherstripping and insulation .....	225,723	73,306	299,029	630,257	-	630,257
Work, unable to specify .....	2,718	-	2,718	-	-	-
TOTAL VALUE OF WORK PERFORMED .....	1,798,323	111,636	1,909,959	2,568,484	316,454	2,884,938
	2,631,221	429,854	3,061,075	5,370,267	605,291	5,975,558

Table 54. - Cost of Materials Used in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939		1940	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$	\$	\$	\$
Lumber and timber, creosoted or chemically treated .....	93,881		281,218	
Piling, wood (including treated piling) .....	58,091		22,520	
Posts, wood .....	13,013		11,146	
Posts, steel .....	15,551		3,533	
Iron and steel shapes .....	9,789		9,836	
Iron and steel forms .....	4,600		16,166	
Iron and steel reinforcing .....	5,945		540	
Hydrants .....	4,034		6,112	
Manhole covers and frames .....	5,307		1,222	
Pipe, metal .....	2,656		1,942	
Pipe, concrete .....	68,536		18,986	
Pipe, vitrified clay, etc. ....	1,069		2,128	
Culverts .....	15,063		8,074	
Rope or cable, wire .....	64,328		6,461	
Rope, other .....	5,409		2,204	
Wire netting or mesh .....	471		207	
Electric light standards .....	499		1,933	
Electrical supplies .....	2,383		-	
Plumbing and shop supplies .....	12,463		31,959	
Lead and lead pipe .....	24,417		50,478	
Pipe fittings .....	964		2,185	
Valves .....	21,608		18,458	
Hardware .....	9,171		5,810	
Paint and painters' supplies .....	73,042		53,585	
Explosives .....	14,582		15,025	
Fencing materials (not to include posts) .....	1,418		2,127	
Guard rail materials (not to include posts) .....	13,597		1,984	
Signs, metal .....	-		194	
Brick .....	6,878		7,610	
Stone, crushed and all other .....	1,438		2,770	
Gravel .....	46,650		48,895	
Sand .....	114,115		67,202	
Cement .....	22,268		23,043	
Concrete, ready-mix .....	36,475		40,621	
Bituminous materials (not including oil) .....	17,584		4,188	
Calcium chloride, salt and other chemicals .....	217,388		218,280	
Oil, for road construction .....	20,093		11,377	
Borrow pits, earth fill, cinders, etc. ....	15,635		16,088	
Roofing materials .....	2,109		533	
All other materials, unable to classify .....	4,199		24,344	
	105,816		126,914	
TOTAL COST OF MATERIALS .....	1,152,533		1,167,898	

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

SASKATCHEWAN

Table 55. - Principal Statistics of the Construction Industry in Saskatchewan in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<b>1939</b>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	367	2,274	2,455,715	4,612,661	5,116,787	3,011,694	8,120,451
Municipalities .....	9	719	580,118	477,525	761,058	355,153	1,116,211
Provincial and Dominion Government Departments .....	6	1,687	1,652,308	566,024	3,131,474	1,052,898	4,184,372
<b>Totals .....</b>	<b>382</b>	<b>4,660</b>	<b>4,688,141</b>	<b>5,656,210</b>	<b>9,009,319</b>	<b>4,419,745</b>	<b>13,429,064</b>
<b>1940</b>							
General and Trade Contractors and Subcontractors .....	364	3,423	4,286,389	11,436,181	15,044,841	3,403,645	18,448,486
Municipalities .....	8	356	414,206	207,802	324,560	326,982	651,542
Provincial and Dominion Government Departments .....	5	914	967,895	529,884	1,104,813	1,038,571	2,143,384
<b>Totals .....</b>	<b>377</b>	<b>4,693</b>	<b>5,668,490</b>	<b>12,173,867</b>	<b>16,474,214</b>	<b>4,769,198</b>	<b>21,243,412</b>

Table 56. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities and Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Building Construction</b>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	214,577	190,845	405,422	396,877	192,140	589,017
Dwellings, semi-detached or double .....	-	25,533	25,533	16,663	11,200	27,863
Apartment houses .....	-	69,816	69,816	-	79,975	79,975
Hotels, clubs, restaurants, etc. ....	22,026	8,387	30,413	8,403	7,631	16,034
Churches and church halls .....	48,167	-	48,167	8,782	-	8,782
Hospitals and sanatorium .....	-	4,089	4,089	214,339	18,323	232,662
Schools, institutions, etc. ....	93,675	9,095	102,770	-	55,918	55,918
Office buildings .....	333,065	68,533	401,598	76,742	74,326	151,068
Stores .....	82,091	85,002	167,093	108,810	289,747	398,557
Theatres and amusement halls .....	-	11,282	11,282	-	-	-
Factories, warehouses and store-houses .....	340,613	459,297	799,910	210,945	429,450	640,395
Elevators, grain .....	1,140,753	977,738	2,118,491	2,875,924	1,189,005	4,064,929
Garages .....	28,602	21,926	50,528	101,788	27,941	129,729
Service stations .....	-	-	-	70,025	101,559	171,584
Farm buildings .....	12,654	9,982	22,636	11,895	4,186	16,081
Aeroplane hangars .....	-	-	-	4,382,052	-	4,382,052
Armouries and barracks .....	110,251	40,847	151,098	750,424	37,900	788,324
Buildings, unable to specify .....	567,681	160,577	728,258	73,451	61,609	135,060
<b>Engineering Construction</b>						
Hard surfaced or paved streets, highways, etc. ....	348,290	94,361	442,651	254,393	105,385	359,778
Gravel or stone surfaced streets, highways, etc. ....	1,659,242	543,448	2,202,690	296,997	597,311	894,308
Dirt or clay roads .....	941,418	333,465	1,274,883	267,844	269,551	537,395

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Table 56. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities and Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Engineering Construction - concluded.</u>						
Grading, scraping, oiling, filling, etc. ..	49,159	27,942	77,101	-	18,098	18,098
Sidewalks .....	42,980	19,319	62,299	33,415	17,554	50,969
Roadside maintenance and area improvement .....	5,408	3,748	9,156	5,843	4,049	9,892
Bridges, viaducts, all types .....	255,812	9,393	265,205	111,174	2,364	113,558
Subways, overhead crossings, etc. ....	-	162	162	-	1,818	1,818
Culverts .....	-	3,960	3,960	-	3,938	3,938
Watermains and connections .....	480,241	107,964	588,205	214,384	110,699	325,083
Sewers and connections .....	72,201	41,376	113,577	222,473	25,340	247,813
Storm sewers .....	17,749	3,368	21,117	5,526	2,793	8,319
Tile drains, drainage ditches and open sewers .....	10,143	6,533	16,676	-	7,130	7,130
Dams and reservoirs .....	785,259	108,035	893,294	268,919	65,675	334,594
Fencing (excluding temporary snow fencing) .....	530,317	19,605	549,922	164,157	3,530	167,687
Guard rails .....	180	171	351	-	-	-
Signs .....	547	1,423	1,970	304	2,546	2,850
Zone painting .....	-	1,520	1,520	-	1,200	1,200
Electric stations, power plants, etc. ....	183,035	46,811	229,846	38,871	-	38,871
Transmission lines and towers .....	22,788	68,674	91,462	-	33,247	33,247
Aerodromes or landing fields .....	-	3,844	3,844	4,504,113	1,531	4,505,644
Park systems, including grounds and walks .....	730	40,330	41,060	4,605	34,883	39,488
Telephones and telegraph lines .....	3,434	864	4,298	-	1,194	1,194
Engineering, unable to specify .....	221,310	52,436	273,746	334,549	78,079	412,628
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ....	14,325	5,519	19,844	-	1,454	1,454
Retaining walls, embankments and ripraping .....	48,022	-	48,022	18,748	-	18,748
Canals and waterways .....	-	1,093	1,093	-	-	-
Works, unable to specify .....	93,577	-	93,577	-	-	-
<u>Trade Construction</u>						
Air conditioning .....	2,663	-	2,663	5,339	735	6,074
Bricklaying .....	-	5,492	5,492	-	2,753	2,753
Carpentry work .....	-	20,348	20,348	21,059	14,555	35,614
Concreting and cement work .....	10,313	-	10,313	5,996	5,885	11,881
Electrical work .....	76,302	105,299	181,601	135,271	107,971	243,242
Flooring .....	-	2,293	2,293	3,021	2,857	5,878
Lathing, plastering and stucco .....	1,625	13,094	14,719	-	20,082	20,082
Painting and decorating .....	-	112,541	112,541	32,906	119,805	152,711
Plumbing, heating and sanitary engineering .....	48,454	261,639	310,093	92,906	296,187	389,093
Roofing, sheet metal .....	-	10,076	10,076	-	15,411	15,411
Roofing, all other .....	7,446	19,990	27,436	8,802	19,197	27,999
Sheet metal work, other than roofing .....	11,478	93,741	105,219	14,891	93,077	107,968
Tiling, marble and terrazzo .....	-	-	-	-	3,126	3,126
Tredas, unable to specify .....	70,716	86,919	157,635	100,588	97,258	197,846
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>9,009,319</b>	<b>4,419,745</b>	<b>13,429,064</b>	<b>16,474,214</b>	<b>4,769,198</b>	<b>21,243,412</b>

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Table 57. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Building Construction</b>						
Dwellings, single .....	206,071	184,344	390,415	396,877	190,995	587,872
Dwellings, semi-detached or double ...	-	25,533	25,533	16,863	11,200	27,863
Apartments houses .....	-	69,816	69,816	-	79,975	79,975
Hotels, clubs, restaurants, etc. ....	22,026	8,387	30,413	8,403	7,631	16,034
Churches and church halls .....	48,167	-	48,167	8,782	-	8,782
Hospitals and sanatorium .....	-	4,089	4,089	214,339	18,323	232,662
Schools, institutions, etc. ....	93,675	9,095	102,770	-	54,201	54,201
Office buildings .....	-	51,586	51,586	69,360	52,208	121,568
Stores .....	82,091	85,002	167,093	108,810	289,747	398,557
Theatres and amusement halls .....	-	11,282	11,282	-	-	-
Factories, warehouses and store-houses .....	316,056	454,619	770,675	201,690	421,139	622,829
Elevators, grain .....	1,140,753	977,738	2,118,491	2,875,924	1,189,005	4,064,929
Garages .....	21,455	20,561	42,016	46,601	26,030	72,631
Service stations .....	-	-	-	70,025	101,559	171,584
Farm buildings .....	3,830	6,930	10,760	11,895	3,101	14,996
Aeroplane hangars .....	-	-	-	4,382,052	-	4,382,052
Buildings, unable to specify .....	945,702	138,846	1,084,548	448,560	62,284	510,844
<b>Engineering Construction</b>						
Gravel or stone surfaced streets, highways, etc. ....	399,193	-	399,193	-	-	-
Dirt or clay roads .....	67,106	-	67,106	70,503	-	70,503
Sidewalks .....	3,543	-	3,543	-	-	-
Bridges, viaducts, all types .....	84,084	-	84,084	-	-	-
Watermains and connections .....	-	-	-	169,121	-	169,121
Sewers and connections .....	-	-	-	190,707	-	190,707
Dams and reservoirs .....	632,598	-	632,598	220,064	-	220,064
Electric stations, power plants, etc. ....	183,035	46,811	229,846	38,871	-	38,871
Aerodromes or landing fields .....	-	-	-	4,503,847	-	4,503,847
Engineering, unable to specify .....	551,390	185,623	737,013	570,968	97,348	668,316
<b>Harbours, Rivers, etc.</b>						
Works, unable to specify .....	87,015	-	87,015	-	-	-
<b>Trade Construction</b>						
Air conditioning .....	2,663	-	2,663	5,339	735	6,074
Bricklaying .....	-	5,492	5,492	-	2,753	2,753
Carpentry work .....	-	20,348	20,348	21,059	14,555	35,614
Concreting and cement work .....	10,313	-	10,313	5,996	5,885	11,881
Electrical work .....	76,302	105,299	181,601	135,271	107,971	243,242
Flooring .....	-	2,293	2,293	3,021	2,857	5,878
Lathing, plastering and stucco .....	1,625	13,094	14,719	-	20,082	20,082
Painting and decorating .....	-	112,541	112,541	32,906	119,805	152,711
Plumbing, heating and sanitary engineering .....	48,454	261,639	310,093	92,906	296,187	389,093
Roofing, sheet metal .....	-	10,076	10,076	-	15,411	15,411
Roofing, all other .....	7,446	19,990	27,436	8,802	19,197	27,999
Sheet metal work, other than roofing .....	11,478	93,741	105,219	14,891	93,077	107,968
Tiling, marble and terrazzo .....	-	-	-	-	3,126	3,126
Trades, unable to specify .....	70,716	86,919	157,635	100,588	97,258	197,846
<b>TOTAL VALUE OF WORK PERFORMED ...</b>	<b>5,116,787</b>	<b>3,011,694</b>	<b>8,128,481</b>	<b>15,044,841</b>	<b>3,403,645</b>	<b>18,448,486</b>

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Table 58. - Description, Classification and Value of Work Performed by Subcontractors in Saskatchewan in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Concreting and cement work .....	14,736	-	14,736	33,928	-	33,928
Electrical work .....	-	-	-	5,463	-	5,463
Elevators, service .....	29,718	29,026	58,744	190,191	46,505	236,696
Glass and glazing .....	-	-	-	18,050	-	18,050
Lathing, plastering and stucco .....	16,018	-	16,018	-	-	-
Painting and decorating .....	46,746	5,381	52,127	24,089	10,529	34,618
Plumbing, heating and sanitary engineering .....	23,092	18,492	41,584	84,358	25,613	109,971
Roofing, sheet metal .....	135,065	60,969	196,034	1,014,129	71,115	1,085,244
Roofing, all other .....	9,663	6,674	16,337	12,204	-	12,204
Sheet metal work, other than roofing .....	17,076	20,485	37,561	203,191	12,433	215,624
Tiling and marble work .....	33,619	11,435	45,054	-	-	-
Work, unable to specify .....	31,644	-	31,644	24,414	-	24,414
TOTAL VALUE OF WORK PERFORMED .....	123,559	61,054	184,613	668,847	80,222	747,069
	480,936	213,516	694,452	2,276,864	246,417	2,523,281

Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	\$	\$	\$	\$	\$	\$
Office buildings .....	8,506	6,501	15,007	-	1,145	1,145
Factories .....	14,167	16,947	31,114	7,382	22,118	29,500
Warehouses or storehouses .....	19,003	-	19,003	-	-	-
Garages .....	5,554	4,878	10,232	9,255	8,311	17,566
Farm buildings .....	7,147	1,365	8,512	55,187	1,911	57,098
Schools, institutions, etc. .....	8,824	3,052	11,876	-	1,085	1,085
Armouries and barracks .....	-	-	-	-	1,717	1,717
All other buildings and structures .....	38,151	38,041	76,192	375,315	36,825	412,140
Hard surfaced or paved streets, highways, etc. .....	12,977	24,537	37,514	-	400	400
Gravel or stone surfaced streets, highways, etc. .....	231,496	94,361	325,857	238,844	104,648	343,492
Dirt or clay roads .....	1,260,049	510,485	1,770,534	75,299	596,811	672,650
Grading, scraping, ciling, filling, etc. ....	874,312	333,425	1,207,777	197,341	269,551	466,892
Sidewalks .....	11,882	27,942	39,824	432	18,098	18,530
Roadside maintenance and areas improvement .....	39,437	19,164	58,601	32,022	16,979	49,001
Bridges, viaducts, all types .....	5,468	3,748	9,156	5,843	4,049	9,892
Subways, overhead crossings, etc. ....	171,728	2,684	174,412	111,174	2,384	113,558
Culverts .....	-	162	162	-	1,818	1,818
Storm sewers .....	1,370	3,960	5,330	-	3,938	3,938
Tile drains, drainage ditches and open sewers .....	17,575	3,368	20,943	5,526	2,793	8,319
Fencing (excluding temporary snow fencing) .....	10,143	6,533	16,676	-	7,130	7,130
Guard rails .....	529,567	19,605	549,172	162,528	3,530	166,058
Signs .....	180	171	351	-	-	-
Zone painting .....	547	1,423	1,970	304	2,546	2,850
Watermains and connections .....	-	1,520	1,520	-	1,200	1,200
Reservoirs .....	300,303	82,252	382,555	45,263	108,498	153,761
Sewers and connections .....	31,363	27,433	58,796	15,520	2,955	18,475
Pole or distribution line, electric .....	58,639	23,220	81,859	31,766	25,340	57,106
Docks, wharves, piers, breakwaters .....	4,543	13,971	18,514	2,604	14,234	16,938
Retaining walls and riprapping .....	10,320	5,519	15,839	-	1,454	1,454
	48,032	-	48,022	18,748	-	18,748

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Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Canal gates .....	\$ 10,567	\$ 1,093	\$ 11,660	\$ -	\$ -	\$ -
Water control or dams .....	121,298	80,509	201,807	33,335	61,182	94,517
Aerodromes or landing fields .....	32,368	3,844	36,212	266	1,531	1,797
Park systems (including grounds and walks) .....	730	40,330	41,060	4,605	34,883	39,488
Telephone and telegraph lines .....	3,434	864	4,298	-	1,194	1,194
Works, unable to specify .....	2,922	5,304	8,226	274	5,195	5,469
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>3,892,532</b>	<b>1,408,051</b>	<b>5,300,583</b>	<b>1,429,373</b>	<b>1,365,553</b>	<b>2,794,926</b>

Table 60. - Cost of Materials Used in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940.

	1939		1940	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed .....	\$ 100,231		\$ 154,259	
Lumber and timber, creosoted or chemically treated .....	17,902		4,774	
Piling, wood (including treated piling) .....	8,001		5,045	
Piling, steel .....	744		-	
Piling, other .....	-		1,052	
Posts, wood .....	127,755		11,074	
Posts, steel .....	-		10,167	
Iron and steel shapes .....	5,427		29,420	
Iron and steel forms .....	1,570		465	
Iron and steel reinforcing .....	10,105		3,490	
Hydrants .....	1,993		3,400	
Manhole covers and frames .....	1,497		1,185	
Pipe, metal .....	172,406		29,322	
Pipe, concrete .....	39,660		1,970	
Pipe, vitrified clay, etc. ....	28,179		8,130	
Culverts .....	61,585		16,054	
Rope or cable, wire .....	3,091		2,355	
Rope, other .....	236		149	
Wire netting or mesh .....	253		1,983	
Electric light standards .....	200		3,309	
Electrical supplies .....	53,464		25,720	
Plumbing and shop supplies .....	7,854		33,079	
Lead and lead pipe .....	7,136		1,957	
Pipe fittings .....	17,161		7,656	
Valves .....	9,227		4,240	
Hardware .....	30,816		64,675	
Paint and painters' supplies .....	8,975		13,165	
Explosives .....	852		2,598	
Fencing materials (not to include posts) .....	33,447		1,875	
Signs, metal .....	9,491		20,625	
Brick .....	2,433		8,582	
Stone, crushed and all other .....	21,024		4,148	
Gravel .....	58,914		22,714	
Sand .....	4,624		2,600	
Cement .....	39,029		23,657	
Concrete, ready mix .....	737		454	
Bituminous materials (not including oil) .....	43,651		31,637	
Calcium chloride, salt and other chemicals .....	1,594		5,812	
Oil, for road construction .....	44,649		66,885	
Borrow pits, earth fill, cinders, etc. ....	5,011		549	
Roofing materials .....	2,373		14,021	
All other materials (unable to classify) .....	60,252		93,434	
<b>TOTAL COST OF MATERIALS USED .....</b>	<b>1,043,549</b>		<b>737,686</b>	

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ALBERTA

Table 61. - Principal Statistics of the Construction Industry in Alberta in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	605	3,010	3,738,202	7,112,702	8,129,247	3,784,420	11,913,667
Municipalities .....	4	704	867,221	446,057	595,073	789,059	1,384,132
Provincial and Dominion Government Departments .....	5	1,869	2,228,908	1,310,217	2,615,887	1,942,983	4,558,870
Totals .....	614	5,583	6,834,331	8,868,976	11,340,207	6,516,462	17,856,669
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	639	4,645	5,765,429	14,070,997	17,897,644	3,990,454	21,888,098
Municipalities .....	4	757	905,830	483,325	680,650	705,078	1,385,728
Provincial and Dominion Government Departments .....	4	1,850	1,968,954	1,349,408	2,059,244	2,016,948	4,076,192
Totals .....	647	7,252	8,640,213	15,903,730	20,637,538	6,712,480	27,350,018

Table 62. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, and Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	775,540	292,703	1,068,243	1,228,814	321,732	1,550,566
Dwellings, semi-detached or double .....	20,395	31,744	52,139	53,694	29,817	83,511
Duplexes .....	20,235	20,837	41,072	42,071	24,732	66,803
Apartment houses .....	78,331	92,779	171,110	104,535	81,045	185,580
Hotels, clubs, restaurants, etc. ....	114,124	127,718	241,842	134,621	211,431	346,052
Churches and church halls .....	66,759	26,640	95,409	-	7,448	7,448
Hospitals and sanatoria .....	92,540	181,065	273,605	231,949	13,866	245,815
Schools, institutions, etc. ....	152,984	36,158	189,142	375,406	38,311	413,717
Office buildings .....	264,020	435,335	699,355	211,429	494,166	705,595
Stores .....	1,480,542	209,184	1,689,726	171,370	230,197	401,567
Theatres and amusement halls .....	-	23,518	23,518	133,380	21,111	154,491
Factories, warehouses and storehouses ...	2,709,666	421,854	3,131,520	-	497,634	497,634
Elevators, grain .....	258,666	732,426	991,092	1,427,505	780,046	2,207,551
Garages .....	58,214	30,609	88,823	103,309	35,579	138,888
Service stations .....	90,952	108,770	199,722	57,526	110,636	168,162
Mine buildings .....	-	18,733	18,733	129,130	-	129,130
Farm buildings .....	88,617	21,624	110,241	31,523	6,049	37,572
Armouries and barracks .....	168,557	49,649	218,206	1,767,127	126,556	1,893,683
Buildings, unable to specify .....	231,001	59,890	290,891	8,646,253	24,625	8,670,878
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	1,155,787	220,706	1,376,472	749,160	263,801	1,012,961
Gravel or stone surfaced streets, highways, etc. ....	1,083,128	672,094	1,755,222	576,738	633,164	1,209,902
Dirt or clay roads .....	351,524	463,714	815,238	245,111	449,685	694,796
Grading, scraping, oiling, filling, etc. ....	24,597	101,622	126,219	11,449	57,761	69,210
Sidewalks .....	62,972	42,726	105,698	36,501	46,057	82,558
Roadside maintenance and area improvement .....	4,123	32,473	36,596	6,088	48,823	54,911
Bridges, viaducts, all types .....	198,203	285,311	483,514	104,285	247,869	352,154

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Table 62. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, and Provincial and Dominion Government Departments in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Engineering Construction - concluded.</b>	\$	\$	\$	\$	\$	\$
Subways, overhead crossings, etc. ....	73,086	-	73,086	-	-	-
Culverts .....	58,447	5,641	64,088	25,146	20,489	45,635
Water mains and connections .....	153,899	106,181	260,080	309,428	126,249	435,677
Sewers and connections .....	86,217	37,734	123,951	190,684	43,859	234,543
Storm sewers .....	12,275	2,179	14,454	68,092	4,856	72,948
Tile drains, drainage ditches and open sewers .....	5,709	10,024	15,733	54,884	17,986	72,870
Dams and reservoirs .....	83,980	3,869	87,849	89,598	14,178	103,876
Fencing (excluding temporary snow fencing) .....	3,874	2,982	6,756	12,995	1,161	14,156
Guard rails .....	13,653	5,946	19,599	3,166	7,745	10,911
Signs .....	1,625	4,518	6,141	5,986	1,992	8,978
Zone painting .....	-	570	570	-	4,608	4,608
Electric stations, power plants, etc. ....	-	-	-	99,324	-	99,324
Transmission lines and towers .....	171,567	232,585	404,152	594,655	207,262	801,917
Aerodromes or landing fields .....	98,594	30,313	128,907	1,476,792	61,113	1,537,905
Park systems, including grounds and walks ....	24,910	182,136	207,046	23,754	186,671	210,425
Telephone and telegraph lines .....	13,059	19,286	32,345	1,071	18,469	19,540
Engineering, unable to specify .....	191,514	80,999	272,513	158,011	102,533	260,544
<b>Harbours, Rivers, etc.</b>						
Docks, wharves, piers and breakwaters .....	12,127	11,073	23,200	3,624	1,849	5,473
Retaining walls, embankments and ripraping .....	5,586	-	5,586	1,232	932	2,164
Works, unable to specify .....	75,000	-	75,000	20,728	-	20,728
<b>Trade Construction</b>						
Air conditioning .....	26,448	11,744	38,192	61,143	17,240	78,383
Bricklaying .....	9,595	15,193	24,788	6,486	18,966	25,452
Carpentry work .....	18,600	26,567	45,167	26,693	24,313	51,006
Concreting and cement work .....	24,075	12,252	36,327	89,421	18,625	108,046
Electrical work .....	62,936	119,093	182,029	69,201	109,873	179,074
Excavating .....	39,888	2,150	42,038	11,353	5,615	16,968
Glass and glazing .....	-	-	-	13,793	12,616	26,409
Lathing, plastering and stucco .....	37,132	24,426	61,558	27,866	31,806	59,672
Ornamental iron work .....	11,226	20,816	31,442	-	-	-
Painting and decorating .....	21,179	141,686	162,865	-	151,641	151,641
Plumbing, heating and sanitary engineering .....	156,631	412,958	569,589	369,800	434,739	804,539
Roofing, sheet metal .....	-	4,080	4,080	1,747	9,516	11,263
Roofing, all other .....	7,335	31,234	38,569	24,846	34,975	59,822
Sheet metal work, other than roofing .....	29,347	79,705	109,052	46,090	74,588	120,678
Tiling, marble and terrazzo .....	-	-	-	-	7,780	7,780
Trades, unable to specify .....	259,226	137,342	396,568	189,755	136,073	305,828
<b>TOTAL VALUE OF WORK PERFORMED</b> .....	11,340,207	6,514,488	17,856,669	20,637,538	6,712,480	27,350,018

Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Building Construction</b>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	753,768	287,388	1,041,156	1,227,012	317,301	1,544,313
Dwellings, semi-detached or double .....	20,395	31,744	52,139	53,694	29,817	83,511
Duplexes .....	20,235	20,837	41,072	42,071	24,732	66,803
Apartment houses .....	78,331	92,779	171,110	104,635	81,045	185,680

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Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1939 and 1940. - Concluded

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction - concluded</u>	\$	\$	\$	\$	\$	\$
Hotels, clubs, restaurants, etc. ....	114,124	127,718	241,842	134,621	211,431	346,052
Churches and church halls ....	66,769	28,640	95,409	-	7,448	7,448
Hospitals and sanatoria ....	92,540	181,065	273,605	231,949	13,866	245,815
Schools, institutions, etc. ....	152,984	36,158	189,142	375,406	38,311	413,717
Office buildings ....	154,588	116,026	270,614	35,755	148,532	184,287
Stores ....	1,480,542	209,184	1,689,726	171,370	230,197	401,567
Theatres and amusement halls ....	-	23,518	23,518	133,380	21,111	154,491
Factories, warehouses and storehouses ....	2,703,937	395,927	3,099,864	-	490,703	490,703
Elevators, grain ....	258,666	732,426	991,092	1,427,505	780,046	2,207,551
Garages ....	58,214	18,414	76,628	103,296	31,531	134,827
Service stations ....	90,952	108,770	199,722	57,526	110,636	168,162
Mine buildings ....	-	18,733	18,733	129,130	-	129,130
Farm buildings ....	81,974	16,842	98,816	31,025	5,894	36,919
Buildings, unable to specify ....	231,060	46,854	277,914	9,794,138	14,489	9,808,627
<u>Engineering Construction</u>						
Gravel or stone surfaced streets, highways, etc. ....	180,391	-	180,391	-	-	-
Grading, scraping, oiling, filling, etc. ....	23,414	-	23,414	-	-	-
Watermains and connections ....	19,825	-	19,825	182,480	13,801	196,281
Sewers and connections ....	-	-	-	16,209	-	16,209
Dams and reservoirs ....	80,365	-	80,365	88,787	-	88,787
Electric stations, power plants, etc. ....	-	-	-	99,324	-	99,324
Transmission lines and towers ....	-	-	-	539,897	-	539,897
Aerodromes and landing fields ....	59,212	-	59,212	1,462,611	-	1,462,611
Engineering, unable to specify ....	622,902	252,751	875,653	515,846	329,819	845,665
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify ....	80,441	-	80,441	21,783	1,377	23,160
<u>Trade Construction</u>						
Air conditioning ....	26,448	11,744	38,192	61,143	17,240	78,383
Bricklaying ....	9,595	15,193	24,788	6,486	18,966	25,452
Carpentry work ....	18,600	26,567	45,167	26,693	24,313	51,006
Concreting and cement work ....	24,075	12,252	36,327	89,421	18,625	108,046
Electrical work ....	62,936	119,093	182,029	69,201	109,873	179,074
Excavating ....	39,888	2,150	42,038	11,353	5,615	16,968
Glass and glazing ....	-	-	-	13,793	12,616	26,409
Lathing, plastering and stucco ....	37,132	24,426	61,558	27,866	31,806	59,673
Ornamental iron work ....	11,226	20,216	31,442	-	-	-
Painting and decorating ....	21,179	141,686	162,865	-	151,641	151,641
Plumbing, heating and sanitary engineering ....	156,631	412,958	569,589	369,800	434,739	804,539
Roofing, sheet metal ....	-	4,080	4,080	1,747	9,516	11,263
Roofing, all other ....	7,335	31,234	38,569	24,846	34,976	59,822
Sheet metal work, other than roofing ....	29,347	79,705	109,052	46,090	74,588	120,678
Tiling, marble and terrazzo ....	-	-	-	-	7,780	7,780
Trades, unable to specify ....	259,226	137,342	396,568	169,755	136,073	305,828
TOTAL VALUE OF WORK PERFORMED ....	8,129,247	3,784,420	11,913,667	17,897,644	3,990,454	21,888,098

Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning ....	\$	\$	\$	\$	\$	\$
Bricklaying ....	59,769	-	59,769	34,814	-	34,814
Carpentry work ....	7,229	2,834	10,063	-	3,661	3,661
Concreting and cement work ....	5,968	1,298	7,266	17,246	430	17,676
	37,599	15,930	53,529	54,384	12,746	67,130

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Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1939 and 1940.  
(Concluded)

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Electrical work .....	\$	\$	\$	\$	\$	\$
Excavating .....	178,684	55,837	234,521	349,429	57,100	406,529
Flooring .....	31,726	-	31,726	67,991	-	67,991
Leathering, plastering and stucco .....	-	-	-	13,032	-	13,032
Painting and decorating .....	181,499	56,512	248,011	149,038	76,540	225,578
Plumbing, heating and sanitary engineering .....	48,332	20,429	68,761	97,758	42,178	139,936
Roofing, sheet metal .....	485,603	99,562	585,165	845,679	110,297	955,976
Roofing, all other .....	-	-	-	214,574	-	214,574
Sheet metal work (other than roofing) .....	69,546	27,329	96,875	202,157	20,283	222,440
Tiling, marble and terrazzo .....	100,022	28,645	128,667	-	33,139	33,139
Work, unable to specify .....	107,144	-	107,144	-	-	-
	459,583	57,387	516,970	1,093,509	57,869	1,151,378
TOTAL VALUE OF WORK PERFORMED .....	1,772,704	375,763	2,148,467	3,139,611	414,243	3,553,854

Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	\$	\$	\$	\$	\$	\$
Office buildings .....	21,772	5,315	27,087	1,802	4,451	6,253
Warehouse or storehouses .....	109,432	319,309	428,741	175,674	345,634	521,308
Garages .....	5,729	25,927	31,656	-	6,931	6,931
Farm buildings .....	-	12,195	12,195	-	4,048	4,048
Armouries and barracks .....	6,643	4,782	11,425	498	155	653
All other buildings and structures .....	166,157	35,192	201,349	619,151	126,556	745,707
Hard surfaced or paved streets, highways, etc. ....	2,341	27,493	29,834	104	10,136	10,240
Gravel or stone surfaced streets, highways, etc. ....	901,694	213,408	1,115,102	643,357	263,801	907,158
Dirt or clay roads .....	902,737	598,759	1,501,496	441,751	564,700	1,006,451
Grading, scraping, oiling, filling, etc. ....	346,008	463,714	809,722	233,443	449,685	683,128
Sidewalks .....	1,183	95,122	96,305	3,457	57,761	61,218
Roadside maintenance and area improvement .....	61,335	42,690	104,025	33,826	46,057	79,883
Bridges, viaducts, all types .....	4,123	32,473	36,596	6,088	48,823	54,911
Subways, overhead crossings, etc. ....	150,711	285,311	436,022	80,034	247,869	327,903
Culverts .....	73,086	-	73,086	6,039	-	6,039
Storm sewers .....	58,447	5,641	64,088	25,146	20,489	45,635
Tile drains, drainage ditches and open sewers .....	12,275	2,179	14,454	34,092	4,856	38,948
Fencing (excluding temporary snow fencing) .....	5,709	10,024	15,733	15,720	17,986	33,706
Guard rails .....	3,874	2,882	6,756	7,995	1,161	9,156
	13,653	5,946	19,599	3,166	7,745	10,911

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Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Signs .....	\$ 1,625	\$ 4,516	\$ 6,141	\$ 6,986	\$ 1,992	\$ 8,978
Zone painting .....	-	570	570	-	4,608	4,608
Watermains and connections .....	134,074	104,516	238,590	126,948	112,448	239,396
Reservoirs .....	1,465	150	1,615	593	-	593
Sewers and connections .....	65,445	29,267	94,712	174,475	32,829	207,304
Pole or distribution lines, electric .....	58,153	99,533	157,686	54,758	89,383	144,141
Docks, wharves, piers, breakwaters .....	6,686	11,073	17,759	2,016	472	2,488
Retaining walls and riprappling .....	5,586	-	5,586	1,232	932	2,164
Dredging .....	-	-	-	553	-	553
Water control or dams .....	2,150	3,719	5,869	318	14,178	14,496
Aerodromes or landing fields .....	39,382	30,313	69,695	14,181	21,337	35,518
Park systems (including grounds and walks) .....	24,910	182,136	207,046	23,754	186,671	210,425
Telephone and telegraph lines .....	13,059	19,286	32,345	1,071	18,469	19,540
Works, unable to specify .....	11,516	58,601	70,117	1,666	9,863	11,529
TOTAL VALUE OF WORK PERFORMED .....	3,210,960	2,732,042	5,943,002	2,739,894	2,722,026	5,461,920

Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940.

	1939		1940	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed .....	\$ 200,629		\$ 203,183	
Lumber and timber, creosoted or chemically treated .....	50,975		105,262	
Piling, wood (including treated piling) .....	25,753		31,150	
Piling, steel .....	-		22,588	
Piling, other .....	123		-	
Posts, wood .....	4,059		7,211	
Posts, steel .....	5,273		2,845	
Posts, other .....	6,503		41	
Iron and steel shapes .....	106,553		95,587	
Iron and steel forms .....	1,682		3,201	
Iron and steel reinforcing .....	4,902		2,350	
Hydrants .....	1,102		5,442	
Manhole covers and frames .....	2,994		5,452	
Pipes, metal .....	87,043		75,536	
Pipes, concrete .....	1,187		1,083	
Pipes, vitrified clay, etc. ....	14,870		52,134	
Culverts .....	56,154		36,178	
Rope or cable, wire .....	4,262		2,300	
Rope, other .....	1,084		653	
Wire netting or mesh .....	10,194		8,640	
Electric light standards .....	85,843		100,261	
Electrical supplies .....	21,436		53,226	
Plumbing and shop supplies .....	15,038		28,181	
Lead and lead pipe .....	4,204		2,838	
Pipe fittings .....	13,021		19,946	

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

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Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939	1940
	Cost	Value
	\$	\$
Valves .....	10,350	13,712
Hardware .....	67,991	65,476
Paint and painters' supplies .....	29,639	26,410
Explosives .....	15,795	1,445
Fencing materials (not to include posts) .....	5,632	4,233
Guard rail materials (not to include posts) .....	2,013	970
Signs, metal .....	1,291	763
Brick .....	3,508	2,553
Stone, crushed and all other .....	2,139	18,198
Gravel .....	313,743	273,022
Sand .....	17,214	17,241
Cement .....	28,022	29,666
Concrete, ready mix .....	37,617	33,489
Bituminous materials (not including oil) .....	275,262	227,602
Calcium chloride, salt and other chemicals .....	7,073	7,566
Oil, for road construction .....	54,066	45,626
Borrow pits, earth fill, cinders, etc. .....	483	353
Roofing materials .....	6,563	26,919
All other materials (unable to classify) .....	159,010	172,201
TOTAL COST OF MATERIALS .....	1,756,274	1,832,733

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BRITISH COLUMBIA

Table 67. - Principal Statistics of the Construction Industry in British Columbia in 1939 and 1940.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
					New Construction	Alterations Maintenance and Repairs	Total Value
<u>1939</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	1,582	6,929	8,650,282	12,310,185	15,613,642	3,113,845	20,727,487
Municipalities .....	29	1,899	1,852,649	1,174,794	1,396,081	1,775,841	3,171,922
Harbours Board, Provincial and Dominion Government Departments .....	7	1,923	1,852,599	1,125,465	2,007,553	1,078,571	3,086,124
Totals .....	1,618	10,751	12,355,530	14,610,444	19,017,276	7,968,257	26,985,533
<u>1940</u>							
General and Trade Contractors and Subcontractors .....	1,566	8,338	10,867,094	17,213,843	23,805,104	4,884,860	28,689,964
Municipalities .....	30	1,694	1,778,706	875,047	1,018,943	1,819,509	2,838,452
Harbours Board, Provincial and Dominion Government Departments .....	7	1,017	1,688,606	1,534,651	2,339,996	896,960	3,236,956
Totals .....	1,603	11,049	14,334,406	19,623,541	27,184,043	7,601,329	34,765,372

Table 68. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board and Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	4,956,820	624,348	5,581,168	7,984,134	863,070	8,847,204
Dwellings, semi-detached or double .....	30,071	11,289	41,360	90,749	22,056	112,805
Duplexes .....	102,762	-	102,762	144,886	16,264	161,150
Apartment houses .....	358,718	98,742	457,460	602,220	98,975	701,195
Hotels, clubs, restaurants, etc. ....	174,892	127,590	302,482	136,057	116,039	252,096
Churches and church halls .....	57,968	4,904	62,872	60,904	42,925	103,829
Hospitals and sanatoria .....	395,513	51,550	447,063	981,613	64,283	1,045,896
Schools, institutions, etc. ....	515,743	216,534	732,577	956,136	245,128	1,201,264
Office buildings .....	455,296	339,250	794,546	528,115	157,146	685,261
Stores .....	523,477	501,583	1,025,360	573,707	261,976	836,683
Theatres and amusement halls .....	214,559	23,140	237,699	293,410	44,233	335,643
Factories, warehouses and storehouses ....	1,435,301	622,276	2,057,577	3,604,003	429,003	4,033,006
Elevators, grain .....	-	22,971	22,971	24,233	7,097	31,330
Garages .....	95,304	11,974	107,278	61,631	23,614	85,245
Service stations .....	31,388	143,788	175,176	53,597	185,843	239,540
Mine buildings .....	62,459	-	62,459	-	-	-
Farm buildings .....	131,158	3,156	134,314	90,423	26,130	116,553
Radio stations .....	-	-	-	91,259	-	91,259
Armouries and barracks .....	792,551	79,895	872,446	228,442	6,781	235,223
Aeroplane hangars .....	-	-	-	975,739	-	975,739
Buildings, unable to specify .....	395,956	69,459	465,415	1,378,255	139,152	1,517,407
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	616,656	360,343	976,999	465,171	321,345	786,516
Gravel or stone surfaced streets, highways, etc. ....	765,511	408,316	1,173,827	268,202	350,191	618,393

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BRITISH COLUMBIA

Table 68. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board and Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Engineering Construction - concluded</u>						
Dirt or clay roads .....	378,953	88,293	467,246	22,004	38,875	60,879
Grading, scraping, tiling, filling, etc. ....	73,518	244,086	317,604	58,728	95,045	153,773
Sidewalks .....	71,305	70,713	142,018	60,470	80,135	140,605
Roadside maintenance and areas .....						
improvement .....	150,773	139,178	289,951	31,416	173,173	204,589
Bridges, viaducts, all types .....	121,021	102,487	223,508	79,930	99,542	179,472
Gulverts .....	56,648	36,558	93,206	15,369	37,584	52,953
Watermains and connections .....	860,447	357,458	1,217,905	527,567	393,509	921,076
Sewers and connections .....	184,862	83,867	268,729	184,284	92,983	277,267
Storm sewers .....	36,599	7,803	44,402	35,318	7,828	43,146
Tile drains, drainage ditches and open sewers .....	31,290	47,028	78,318	22,017	56,886	78,903
Dams and reservoirs .....	65,151	72,741	137,892	-	58,723	58,723
Fencing (excluding temporary snow fencing) .....	28,951	2,732	31,683	40,491	1,290	41,781
Guard rails .....	1,660	716	2,376	4,976	502	5,478
Signs .....	3,282	3,837	7,119	4,190	12,631	16,821
Zone painting .....	350	4,249	4,599	253	1,861	2,114
Electric stations, power plants, etc. ....	1,351,080	9,299	1,360,379	-	44,571	44,571
Transmission lines and towers .....	134,823	75,108	209,931	341,191	135,905	477,096
Railway (steam) construction work .....	-	11,155	11,155	2,592	22,549	25,141
Aerodromes or landing fields .....	-	10,192	10,192	2,218,539	-	2,218,539
Park systems, including grounds and walks .....	32,721	277,032	309,753	24,338	131,998	156,336
Telephone and telegraph lines .....	24,803	22,582	47,385	119,815	38,225	158,040
Engineering, unable to specify .....	793,169	178,485	971,654	1,656,372	196,464	1,852,836
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ...	447,101	269,102	716,203	414,773	289,596	704,369
Retaining walls, embankments and ripraping .....	95,160	130,358	225,518	108,075	131,922	239,997
Dredging .....	363,064	223,672	586,736	75,267	141,411	216,678
Pile driving .....	59,034	40,992	100,026	49,340	47,016	96,356
Works, unable to specify .....	-	-	-	10,758	-	10,758
<u>Trade Construction</u>						
Air conditioning .....	26,851	6,002	32,853	36,819	8,021	44,840
Bricklaying .....	36,490	42,770	79,260	33,765	39,667	73,432
Carpentry work .....	18,451	42,878	61,329	33,485	62,562	96,047
Commercial refrigeration .....	25,632	-	25,632	-	-	-
Concreting and cement work .....	30,919	21,974	52,893	70,738	21,696	92,434
Electrical work .....	107,177	134,627	241,804	149,707	219,949	369,656
Elevators, service .....	-	84,149	84,149	149,085	-	149,085
Excavating .....	40,140	-	40,140	80,063	-	80,063
Flooring .....	7,430	26,617	34,047	35,167	32,200	67,367
Glass and glazing .....	39,354	108,359	147,713	58,249	42,150	100,399
Lathing, plastering and stucco .....	55,063	33,936	88,999	67,636	17,314	84,950
Ornamental iron work .....	9,634	-	9,634	18,319	-	18,319
Painting and decorating .....	118,534	383,242	501,776	83,106	424,955	508,071
Plumbing, heating and sanitary engineering .....	287,121	566,538	853,659	340,285	532,801	873,086
Roofing, sheet metal .....	15,658	39,803	55,461	39,146	35,553	74,699
Roofing, all other .....	71,259	36,067	107,326	38,213	59,362	97,575
Sheet metal work, other than roofing .....	156,518	167,579	324,097	159,187	170,794	329,931
Sprinkler installation .....	-	-	-	-	1,689	1,689
Structural steel work .....	-	832	832	-	-	-
Tiling, marble and terrazzo .....	-	14,389	14,389	-	15,736	15,736
Wrecking and demolition .....	-	12,411	12,411	-	-	-
Trades, unable to specify .....	493,177	14,653	507,830	70,014	166,395	236,409
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>19,017,276</b>	<b>7,968,257</b>	<b>26,985,533</b>	<b>27,164,043</b>	<b>7,601,329</b>	<b>34,765,372</b>

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

BRITISH COLUMBIA

Table 69. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors) in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	4,945,321	614,316	5,559,637	6,211,761	571,696	6,783,457
Dwellings, semi-detached or double .....	30,071	11,289	41,360	90,749	22,056	112,805
Duplexes .....	102,762	-	102,762	144,886	16,264	161,150
Apartment houses .....	358,718	98,742	457,460	602,250	98,975	701,195
Hotels, clubs, restaurants, etc. ....	174,892	127,590	302,482	136,057	115,903	251,960
Churches and church halls .....	57,968	4,904	62,872	60,904	42,925	103,629
Hospitals and sanatoria .....	395,513	51,550	447,063	937,425	53,313	990,738
Schools, institutions, etc. ....	515,743	216,834	732,577	956,136	215,143	1,171,279
Office buildings .....	455,296	305,331	760,627	488,332	104,461	592,793
Stores .....	523,477	501,883	1,025,360	573,707	262,976	836,583
Theatres and amusement halls .....	214,559	23,140	237,699	293,410	42,123	335,533
Factories, warehouses and storehouses ..	1,381,535	589,122	1,970,657	3,570,369	366,851	3,937,220
Grain elevators .....	-	-	-	23,594	5,932	29,526
Garages .....	88,080	11,581	99,661	50,017	23,342	73,359
Service stations .....	31,388	143,788	175,176	53,697	185,843	239,540
Mine buildings .....	62,459	-	62,459	-	-	-
Farm buildings .....	123,611	3,156	126,767	90,423	26,130	116,553
Armouries and barracks .....	121,412	-	121,412	-	-	-
Aeroplane hangars .....	-	-	-	975,739	-	975,739
Radio stations .....	-	-	-	91,259	-	91,259
Buildings, unable to specify .....	206,172	56,048	262,220	1,535,929	133,781	1,669,710
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. ....	511,068	-	511,068	376,018	-	376,018
Gravel or stone surfaced streets, highways, etc. ....	404,392	-	404,392	136,899	-	136,899
Dirt or clay roads .....	70,014	-	70,014	-	-	-
Grading, scraping, oiling, filling, etc.	53,579	-	53,579	-	-	-
Sidewalks .....	-	-	-	6,682	-	6,682
Bridges, viaducts, all types .....	41,646	-	41,646	69,052	27,241	96,293
Watermains and connections .....	64,804	10,011	74,815	60,649	11,149	71,798
Dams and reservoirs .....	41,166	41,948	83,114	-	-	-
Electric stations, power plants, etc. ..	1,345,003	-	1,345,003	-	44,571	44,571
Transmission lines and towers .....	107,936	14,970	122,906	331,887	76,656	408,543
Aerodromes or landing fields .....	-	-	-	2,218,539	-	2,218,539
Engineering, unable to specify .....	753,118	374,075	1,127,193	1,638,545	307,175	1,945,720
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ..	427,256	112,695	539,951	395,235	121,849	517,084
Retaining walls, embankments and ripraping .....	46,045	-	46,045	-	-	-
Dredging .....	363,064	-	363,064	66,767	-	66,767
Pile driving .....	59,034	40,992	100,026	49,340	47,016	96,356
Works, unable to specify .....	-	23,054	23,054	107,182	110,635	217,817
<u>Trade Construction</u>						
Air conditioning .....	26,851	6,002	32,853	36,819	8,031	44,840
Bricklaying .....	36,490	42,770	79,260	33,765	39,667	73,432
Carpentry work .....	18,451	42,878	61,329	33,485	62,562	96,047
Commercial refrigeration .....	25,632	-	25,632	-	-	-
Concreting and cement work .....	30,919	21,974	52,893	70,738	21,696	92,434
Electrical work .....	107,177	134,627	241,804	149,707	219,949	369,656
Elevators, service .....	-	84,149	84,149	149,085	-	149,085
Excavating .....	37,272	-	37,272	78,774	-	78,774
Flooring .....	7,430	26,617	34,047	35,167	32,200	67,367
Glass and glazing .....	39,354	108,359	147,713	58,249	42,150	100,399
Lathing, plastering and stucco .....	55,063	33,936	88,999	57,636	17,314	84,950
Ornamental iron work .....	9,634	-	9,634	18,319	-	18,319
Painting and decorating .....	118,534	383,242	501,776	83,106	424,965	508,071
Plumbing, heating and sanitary engineering .....	287,121	566,538	853,659	340,285	532,801	873,086
Roofing, sheet metal .....	15,658	39,803	55,461	39,146	35,553	74,699
Roofing, all other .....	71,259	36,067	107,326	38,213	59,362	97,575

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

BRITISH COLUMBIA

Table 69. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors) in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Trade Construction - concluded</u>	\$	\$	\$	\$	\$	\$
Sheet metal work, other than roofing ...	156,518	167,579	324,097	159,187	170,794	329,981
Sprinkler installation .....	-	-	-	-	1,689	1,689
Structural steel work .....	-	832	832	-	-	-
Tiling, marble and terrazzo .....	-	14,389	14,389	-	15,736	15,736
Wrecking and demolition .....	-	12,411	12,411	-	-	-
Trades, unable to specify .....	493,177	14,653	507,830	70,014	166,395	236,409
<b>TOTAL VALUE OF WORK PERFORMED ....</b>	<b>15,613,642</b>	<b>5,113,845</b>	<b>20,727,487</b>	<b>23,805,104</b>	<b>4,884,860</b>	<b>28,689,984</b>

Table 70. - Description, Classification and Value of Work Performed in British Columbia by Subcontractors in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Bricklaying .....	66,458	8,594	75,052	43,942	10,540	54,482
Carpentry work .....	98,490	8,512	107,002	149,718	5,922	155,640
Commercial refrigeration .....	31,320	4,551	35,871	17,056	9,273	26,329
Concrete and cement work .....	-	-	-	22,309	-	22,309
Electrical work .....	143,587	13,376	156,963	165,658	33,327	198,985
Excavating .....	594,458	116,314	710,772	628,853	117,738	746,590
Flooring .....	44,872	-	44,872	51,766	-	51,766
Glass and glazing .....	367,758	86,135	453,893	493,298	64,879	558,177
Lathe, plastering and stucco .....	105,969	62,790	168,759	99,506	46,665	146,271
Masonry and stone work .....	650,788	58,368	709,156	929,986	70,475	1,000,461
Ornamental iron work .....	39,280	1,331	40,611	-	-	-
Painting and decorating .....	-	8,449	8,449	90,285	-	90,285
Plumbing, heating and sanitary engineering .....	171,918	91,533	263,451	212,945	122,145	335,090
Roofing, sheet metal .....	1,036,337	125,265	1,161,602	1,898,470	146,216	2,044,686
Roofing, all other .....	58,183	6,718	64,901	125,027	14,298	139,325
Sheet metal work, other than roofing ...	85,182	20,986	106,168	112,566	33,658	146,224
Tiling, marble and terrazzo .....	246,732	48,067	294,799	314,940	82,640	397,580
Work, unable to specify .....	131,959	43,414	275,373	186,196	55,037	241,233
<b>TOTAL VALUE OF WORK PERFORMED ....</b>	<b>5,645,043</b>	<b>805,556</b>	<b>6,491,599</b>	<b>8,755,715</b>	<b>865,308</b>	<b>9,621,022</b>

Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings .....	\$	\$	\$	\$	\$	\$
Office buildings .....	11,499	10,032	21,531	1,772,373	291,374	2,063,747
Warehouses or storehouses .....	-	33,919	33,919	39,783	52,685	92,468
Garages .....	53,766	33,154	86,920	33,634	62,152	95,786
Elevators, grain .....	7,224	393	7,617	11,614	272	11,886
	-	4,387	4,387	639	1,165	1,804

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.

BRITISH COLUMBIA

Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940. - Concluded.

	1939			1940		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Farm buildings .....	\$	\$	\$	\$	\$	\$
Schools, institutions, etc. ....	7,547	-	7,547	-	-	-
Hospitals and sanatoria .....	-	-	-	44,188	10,970	55,158
Armouries and barracks .....	671,139	74,335	745,474	62,933	6,781	69,714
All other buildings and structures .....	189,784	37,555	227,339	7,835	5,617	13,452
Hard surfaced or paved streets, highways, etc. ....	105,588	348,067	453,655	89,153	319,399	408,552
Gravel or stone surfaced streets, highways, etc. ....	361,119	381,075	742,194	131,303	332,096	463,399
Dirt or clay roads .....	308,939	88,293	397,232	12,268	38,869	51,137
Grading, scraping, oiling, filling, etc. ....	19,939	79,410	99,349	14,393	84,718	99,111
Sidewalks .....	69,056	70,463	139,519	53,788	76,922	130,710
Roadside maintenance and area improvement .	150,773	139,178	289,951	31,416	173,173	204,589
Bridges, viaducts, all types .....	79,375	78,687	158,062	10,878	72,301	83,179
Culverts .....	31,484	36,558	68,042	15,369	37,584	52,953
Storm sewers .....	36,599	7,803	44,402	35,318	7,828	43,146
Tile drains, drainage ditches and open sewers .....	31,290	47,028	78,318	22,017	56,886	78,903
Fencing (excluding temporary snow fencing) .....	4,339	2,732	7,071	13,391	1,144	14,535
Guard rails .....	1,660	716	2,376	4,976	502	5,478
Signs .....	3,282	3,837	7,119	4,190	12,631	16,821
Zone painting .....	350	4,249	4,599	253	1,861	2,114
Watertanks and connections .....	795,643	347,447	1,143,090	466,918	382,360	849,278
Reservoirs .....	2,345	29,851	32,196	17,568	20,563	38,131
Sewers and connections .....	141,934	83,267	225,201	162,472	68,172	250,644
Electric stations and power plants, etc. ....	6,077	2,160	8,237	-	-	-
Pole or distribution lines, electric .....	26,887	60,138	87,025	9,304	59,249	68,553
Docks, wharves, piers and breakwaters .....	19,845	156,407	176,252	19,538	167,747	187,285
Retaining walls and riprappling .....	49,115	109,929	159,044	11,651	21,287	32,938
Dredging .....	-	221,047	221,047	8,500	141,411	149,911
Water control or dams .....	21,640	942	22,582	14,101	702	14,803
Aerodromes or landing fields .....	44,964	4,233	49,197	-	275	275
Excavating .....	2,868	-	2,868	1,289	-	1,289
Park systems (including grounds and walks) .....	27,730	245,982	273,712	24,338	90,023	114,361
Railway (steam) construction work .....	-	11,155	11,155	2,592	15,208	17,800
Railway (electric) construction work .....	-	2,514	2,514	-	2,739	2,739
Telephone and telegraph lines .....	24,803	22,582	47,385	119,815	38,225	158,040
Works, unable to specify .....	95,031	74,887	169,918	89,141	11,593	100,734
TOTAL VALUE OF WORK PERFORMED .....	3,403,634	2,854,412	6,258,046	3,358,939	2,716,469	6,075,408

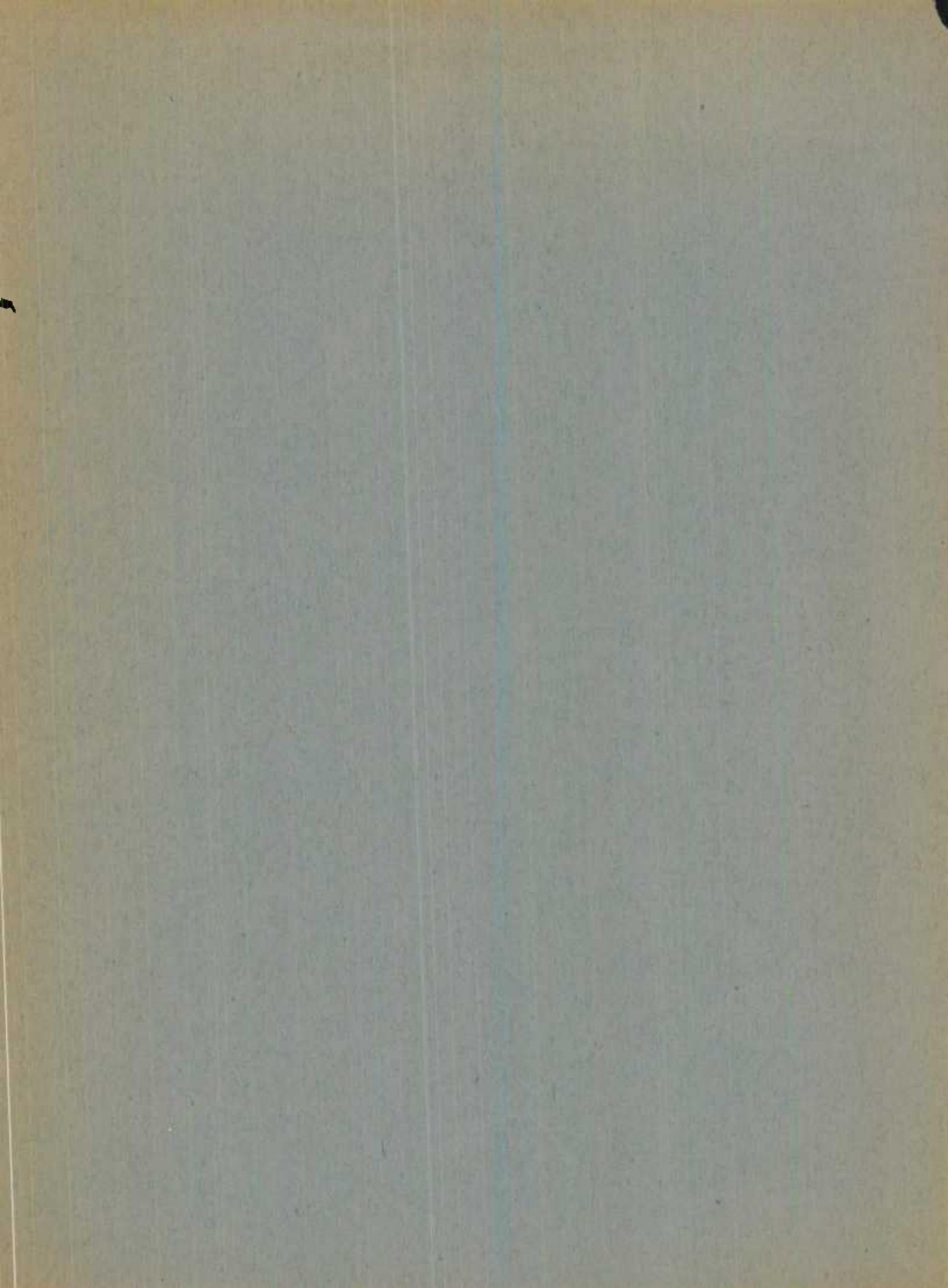
Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940.

	1939		1940	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed .....	\$	\$		
Lumber and timber, creosoted or chemically treated .....	364,593		702,519	
Piling, wood (including treated piling) .....	10,628		11,995	
Piling, steel .....	18,632		4,446	
Piling, other .....	213		-	
Posts, wood .....	556		854	
Posts, steel .....	9,305		5,190	
	1,374		-	

THE CONSTRUCTION INDUSTRY IN CANADA, 1940.BRITISH COLUMBIA

Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1939 and 1940 - Concluded.

	1939	1940
	Cost Value	Cost Value
Posts, other .....	\$ -	1,602
Iron and steel shapes .....	28,728	11,385
Iron and steel forms .....	8,515	8,069
Iron and steel reinforcing .....	11,992	3,705
Hydrants .....	11,705	8,824
Manhole covers and frames .....	8,896	11,435
Pipe, metal .....	290,744	148,331
Pipe, concrete .....	130,649	20,846
Pipe, vitrified clay, etc. .....	55,392	52,586
Pipe, other .....	26,770	-
Culverts .....	14,002	15,475
Rope or cable, wire .....	11,036	5,030
Rope, other .....	1,512	3,947
Wire netting or mesh .....	2,360	604
Electric light standards .....	5,025	2,807
Electrical supplies .....	127,723	164,155
Plumbing and shop supplies .....	40,392	136,776
Lead and lead pipe .....	7,967	18,766
Pipe fittings .....	67,156	46,925
Valves .....	48,641	33,406
Hardware .....	125,272	220,149
Paint and painters' supplies .....	30,793	50,171
Explosives .....	29,624	17,592
Fencing materials (not to include posts) .....	41,358	9,525
Guard rail materials (not to include posts) .....	265	10,534
Signs, metal .....	4,015	2,415
Brick .....	5,875	12,670
Stone, crushed and all other .....	61,072	28,356
Paving blocks .....	4,576	13,484
Gravel .....	78,871	77,577
Sand .....	28,403	33,751
Cement .....	52,927	44,289
Concrete, ready-mix .....	20,941	18,445
Bituminous materials (not including oil) .....	124,323	118,978
Calcium chloride, salt and other chemicals .....	1,883	11,543
Oil for road construction .....	49,108	57,758
Borrow pits, earth fill, cinders, etc. .....	15,365	9,596
Roofing materials .....	28,724	32,668
All other materials (unable to classify) .....	312,358	220,579
TOTAL COST OF MATERIALS .....	2,300,259	2,409,698



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