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Minister of Trade and Commerce.



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

REPORT
ON THE
CONSTRUCTION INDUSTRY
IN
CANADA

1941



OTTAWA
1942

Price 25 cents

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CONSTRUCTION BRANCH
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Chief, Construction Branch, F. I. Tanner.

THE CONSTRUCTION INDUSTRY IN CANADA 1941.

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 1941 totalled 15,031, 2,182 more than were received in 1940, and of these 14,625 were submitted by general and trade contractors and subcontractors. The provincial distribution was as follows: Prince Edward Island, 53; Nova Scotia, 560; New Brunswick, 280; Quebec, 3,093; Ontario, 7,099; Manitoba, 717; Saskatchewan, 468; Alberta 824, and British Columbia, 1,937.

The total value of work performed in 1941 amounted to \$639,750,624, an increase of \$165,627,846 or 34.9 per cent as compared with the previous year. Employment was given to 176,358 persons, 26,528 more than in the preceding year, and salaries and wages paid, \$235,631,781, were greater by \$55,402,283. Materials used cost \$370,188,739, an increase in expenditure for this purpose of \$102,959,953.

The impact of the war on the nature of building operations is strikingly illustrated by the following tables which show the changes in the type of construction work done.

Type of Construction 1939-41.

Type of Construction	1939	1940	1941
Total Value of Construction	373,203,680	474,122,778	639,750,624
Building Construction	159,041,080	257,800,560	374,491,173
Residential	53,926,429	59,925,197	87,586,340
Institutional	21,214,315	17,208,419	15,174,464
Commercial	35,100,121	41,748,521	41,157,146
Industrial (includes factories, warehouses, mine buildings, etc.)	36,654,828	80,624,101	177,698,268
Other (includes armouries, barracks, hangars, etc.)	12,145,387	58,294,322	52,874,955
Engineering, Harbours, Rivers, etc.	168,302,939	164,831,545	200,656,038
Streets, highways, etc.	86,666,394	60,468,279	68,358,529
Bridges, watermains, sewers, dams, reservoirs, etc.	25,582,167	23,093,053	40,490,145
Electric stations and transmission lines	27,520,189	33,718,009	37,090,038
Docks, wharves, piers, etc.	9,232,258	4,809,071	6,475,872
Other engineering (includes landing fields, parks, canals, dredging, pile driving, etc.)	19,301,931	42,743,133	48,241,454
Building Trades	45,859,661	51,490,673	64,603,413

Changes in type of Construction during the past three years.

+ Increase

- Decrease

General and trade contractors and subcontractors were responsible for \$563,977,540 or 88.2 per cent of the value of work reported, Provincial Government Departments for \$34,848,840, Municipalities, \$21,494,113, Dominion Government Departments, \$17,969,559 and the Harbours Board, \$1,460,472.

From the figures published in this report, it is impossible to get the total value of public construction, as general and trade contractors and subcontractors do not give a breakdown of their operations into public and private construction.

New construction was undertaken to the extent of \$491,396,828, which was an increase of \$139,095,133 or 39.5 per cent, while alterations, maintenance and repairs, \$148,353,796, represented an increase of \$26,532,713, or 21.8 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 \$75,323,225, an increase of \$24,864,565 or 49.3 per cent.

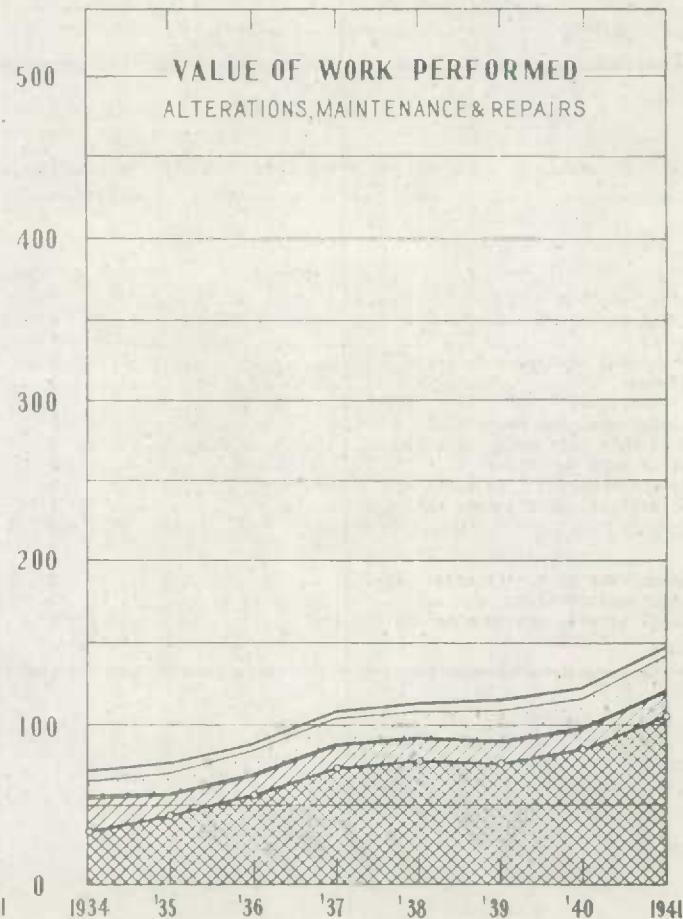
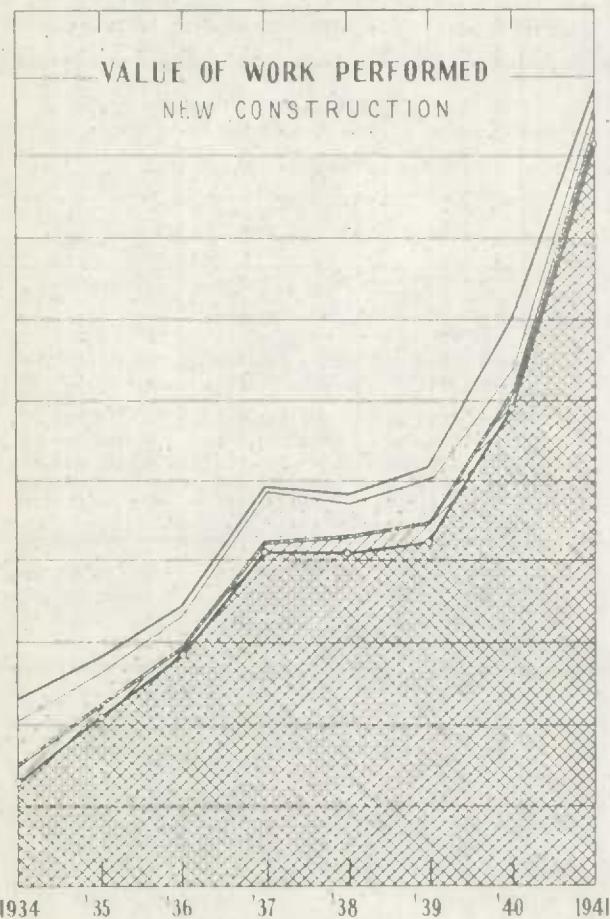
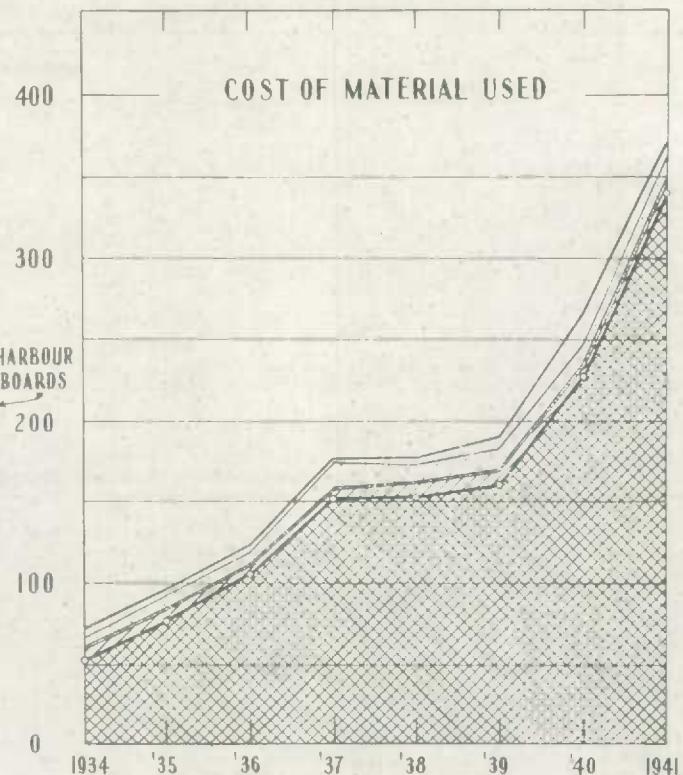
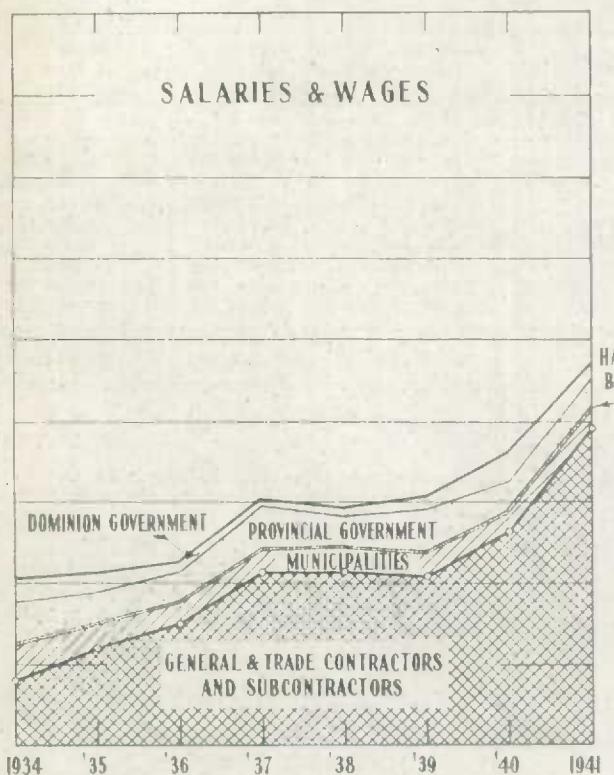
The 147,930 persons reported as wage-earners showed an increase in number as compared with the previous year, wages paid, \$192,207,668, were \$47,759,863 or 33.1 per cent higher. General and trade contractors and subcontractors reported the employment of 116,316 wage-earners, Provincial Government Departments, 14,965, Municipalities, 9,782, Dominion Government Departments, 6,229, and the Harbours Board, 638. As might be expected, the number of wage-earners varied considerably during the year. August with 181,299 was the month of maximum employment and February with 100,727 the minimum.

The Provinces of Ontario and Quebec dominated the construction picture. Together they reported 69.3 per cent of the value of work performed, 70.7 per cent of the employment given and 70.9 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, 1934-1941

MILLION DOLLARS



THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

Table 1. - Actual Variations in the Principal Statistics of 1941 in comparison with 1940, by Provinces.

Provinces	Employees	Salaries and Wages Paid		Cost of Materials	Value of Work Performed	
		No.	\$		\$	\$
Prince Edward Island	- 457	- 526,813	- 1,174,102	- 2,208,862		
Nova Scotia	+ 209	+ 1,254,951	+ 3,678,363	+ 4,515,587		
New Brunswick	+ 1,140	+ 2,158,774	+ 3,195,006	+ 5,548,036		
Quebec	+ 9,639	+ 18,132,658	+ 38,429,208	+ 54,420,691		
Ontario	+ 10,021	+ 22,861,989	+ 39,421,717	+ 68,974,385		
Manitoba	+ 1,306	+ 2,533,293	+ 4,547,200	+ 4,376,863		
Saskatchewan	+ 709	+ 1,018,311	- 1,061,845	- 575,038		
Alberta	+ 741	+ 2,431,849	+ 3,593,788	+ 7,945,941		
British Columbia	+ 3,490	+ 5,537,271	+ 12,330,618	+ 22,670,243		
CANADA	+ 26,528	+ 55,402,283	+ 102,959,953	+ 165,627,846		

Table 2. - Percentage Distribution of the Principal Statistics of 1941 in comparison with 1940, by Provinces.

	Employees	Salaries and Wages Paid		Cost of Materials		Value of Work Performed	
		1940	1941	1940	1941	1940	1941
		%	%	%	%	%	%
Prince Edward Island7	.4	.7	.3	.8	.3	.3
Nova Scotia	5.9	5.1	6.3	5.3	5.8	5.2	6.0
New Brunswick	3.5	3.6	2.7	3.0	2.6	2.7	2.9
Quebec	31.4	32.0	30.6	31.2	25.0	28.5	26.9
Ontario	38.9	38.7	39.4	39.8	42.5	41.3	40.6
Manitoba	4.3	4.4	4.4	4.5	5.4	5.1	5.3
Saskatchewan	3.1	3.1	3.1	2.8	4.6	3.0	4.5
Alberta	4.8	4.5	4.8	4.7	6.0	5.3	5.8
British Columbia	7.4	8.2	8.0	8.4	7.3	8.6	7.3
CANADA	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, 1940 and 1941.

	No.	1940		1941		+ Increase - Decrease
		\$	\$	\$	\$	
Reports received	12,849		15,031		2,192	
Salaried employees	25,810		28,428		2,618	
Salaries	\$ 35,781,693		\$ 43,424,113		+ 7,642,420	
Wage-earning employees (average)	No. 124,020		No. 147,930		+ 23,910	
Wages paid	\$ 144,447,805		\$ 192,207,668		+ 47,759,863	
Total employees	No. 149,830		No. 176,358		+ 26,528	
Total salaries and wages paid	\$ 180,229,498		\$ 235,631,781		+ 55,402,283	
Cost of materials used	\$ 267,228,786		\$ 370,188,739		+ 102,959,953	
Value of work performed	\$ 474,122,778		\$ 639,750,624		+ 165,627,846	
New construction (Including subcontract work)	\$ 352,301,695		\$ 491,396,828		+ 139,095,133	
Alterations, maintenance and repairs	\$ 121,821,083		\$ 148,353,796		+ 26,532,713	
Subcontract work performed:						
New construction	\$ 95,863,364		\$ 128,852,198		+ 32,988,834	
Alterations, maintenance and repairs	\$ 84,837,043		\$ 114,979,136		+ 30,142,093	
	\$ 11,026,321		\$ 13,873,062		+ 2,846,741	

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

Table 4. - Statement of the Construction Industry in Canada, 1934 - 1941.

	1934	1935	1936	1937	1938	1939	1940	1941
Reports received	No. 9,527	7,689	9,976	10,855	12,964	13,595	12,849	15,031
Salaried employees	No. 15,294	18,670	21,059	22,431	25,278	26,809	25,810	28,428
Salaries paid	\$ 16,928,242	22,579,526	25,270,846	30,398,287	34,809,919	34,841,306	35,781,693	43,424,113
Wage-earning employees - Average	No. 157,859	126,098	121,285	129,221	121,913	121,605	124,020	147,930
Wages paid	\$ 84,679,986	82,607,097	97,575,538	120,239,004	112,595,479	118,601,138	144,447,805	192,207,668
Total employees	No. 173,153	144,768	142,344	151,652	147,191	148,414	149,830	176,358
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	235,631,781
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	370,188,739
Value of work performed	\$ 186,198,990	215,548,873	268,040,400	351,874,114	353,223,285	373,203,680	474,122,778	639,750,624
New construction	\$ 115,998,781	140,988,228	170,645,824	244,946,916	240,549,164	258,662,409	352,301,695	491,396,828
Alterations, repairs, etc.	\$ 70,210,109	74,560,645	87,394,576	106,927,198	112,674,121	114,541,271	121,821,083	148,353,796
Building Construction .	\$ 51,958,121	71,302,664	100,098,833	130,538,998	134,912,175	159,041,080	257,800,560	374,491,173
Residential	\$ 13,972,110	18,522,118	31,265,629	40,675,617	46,423,856	55,926,429	59,925,197	87,586,340
Institutional	\$ 7,501,090	7,310,686	9,215,887	13,590,401	22,529,900	21,214,315	17,208,419	15,174,464
Commercial	\$ 9,030,135	16,776,463	20,560,954	38,769,233	31,596,518	35,100,121	41,748,521	41,157,146
Industrial	\$ 7,997,286	10,176,142	23,636,689	40,781,825	28,890,866	36,654,823	50,624,101	177,698,268
Other building	\$ 13,457,510	18,517,255	15,419,574	6,722,922	5,461,035	12,145,387	58,294,322	52,874,955
Engineering, Harbours, Rivers, etc.	\$ 111,487,528	117,395,623	118,460,058	173,319,350	171,768,145	168,302,939	164,831,545	200,656,038
Streets, highways, etc.	\$ 61,254,739	60,094,281	60,222,073	93,320,022	90,618,078	86,666,394	60,468,279	68,358,529
Bridges, viaducts, etc.	\$ 5,454,584	6,659,829	10,064,552	15,726,839	12,876,724	10,129,546	7,188,649	8,124,980
Watermains, sewers, etc.	\$ 11,708,030	8,870,617	9,054,340	9,279,550	12,224,898	12,373,948	12,267,214	15,582,087
Dams, reservoirs, etc.	\$ 2,991,000	870,326	1,134,120	1,904,123	2,404,864	3,078,673	3,637,190	16,783,078
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	37,090,038
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	6,475,872
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	48,241,454
Building Trades, (Jobbing)								
Electrical work	\$ 22,753,241	26,850,586	39,481,509	48,015,766	46,542,965	45,859,661	51,490,673	64,603,413
Plumbing, heating and air conditioning ...	\$ 1,905,562	2,239,733	4,367,579	5,224,308	5,759,723	4,568,876	5,036,352	7,080,306
Brick, masonry and concrete	\$ 7,281,375	9,103,277	14,134,889	16,977,428	16,619,462	15,899,175	17,712,940	21,337,748
Carpentry	\$ 2,035,994	2,783,667	2,326,852	2,175,082	2,168,163	2,102,490	2,095,012	3,193,109
Painting, decorating and glazing	\$ 1,211,428	1,149,944	1,576,016	1,450,444	1,862,973	1,953,986	2,498,457	2,390,659
Lathing, plastering and stucco	\$ 2,909,009	3,691,904	5,031,050	5,543,755	5,721,462	6,071,890	6,892,340	7,602,730
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	5,324,026
Other roofing	\$ 674,537	1,095,882	1,253,236	1,961,479	2,034,562	2,029,321	2,738,856	2,667,101
Other trades	\$ 5,290,165	4,709,959	6,407,258	9,300,255	7,653,649	8,643,649	9,409,512	13,696,777

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

Table 5. - Statement of the Construction

	C A N A D A	P R O V I N C E S			
		Prince Edward Island	Nova Scotia	New Brunswick	
Reports received	No.	16,031	53	560	280
Salaried employees	No.	26,428	71	1,050	555
Salaries paid	\$	43,424,113	134,766	1,696,730	807,222
Wage-earning employees - Average	No.	147,930	542	8,014	5,827
Wages paid	\$	192,207,668	568,633	10,842,902	6,187,490
Total employees	No.	176,358	613	9,064	6,382
Total salaries and wages paid	\$	235,631,781	703,399	12,539,632	6,994,712
Cost of materials used	\$	370,186,739	1,095,088	19,268,104	10,020,432
Value of work performed	\$	639,750,624	1,938,721	33,152,991	18,550,864
New construction	\$	491,396,828	1,604,338	26,813,958	14,672,513
Alterations, repairs, etc.	\$	148,353,796	334,383	6,339,033	3,878,351
Building Construction	\$	374,491,173	808,083	17,542,845	9,409,974
Residential	\$	87,586,340	94,619	4,042,129	619,610
Institutional	\$	15,174,464	4,134	760,090	385,279
Commercial	\$	41,157,146	51,762	1,414,248	453,303
Industrial	\$	177,698,268	16,546	5,231,839	783,982
Other building	\$	52,874,955	641,022	6,094,539	7,167,800
Engineering, Harbours, Rivers, etc.	\$	200,656,038	985,975	12,598,458	7,978,509
Streets, highways, etc.	\$	68,358,529	93,534	1,573,793	2,405,983
Bridges, viaducts, etc.	\$	8,124,980	I	17,016	1,167,142
Watermains, sewers, etc.	\$	15,582,087	18,090	1,719,605	312,890
Dams, reservoirs, etc.	\$	16,783,078	I	I	I
Electric stations and transmission lines	\$	37,090,038	I	2,059,234	327,155
Docks, wharves, piers, etc.	\$	6,475,872	32,158	2,609,811	770,320
All other engineering, etc.	\$	48,241,454	842,193	4,618,999	2,993,019
Building Trades (jobbing)	\$	64,503,413	144,663	3,011,688	1,164,381
Electrical work	\$	7,080,306	15,753	239,656	75,277
Plumbing, heating and air conditioning	\$	21,337,748	113,111	1,659,618	554,664
Brick, masonry and concrete	\$	3,193,109	-	119,249	47,736
Carpentry	\$	2,390,659	I	106,289	54,332
Painting, decorating and glazing	\$	7,602,730	I	258,884	98,641
Lathing, plastering and stucco	\$	1,310,957	-	10,054	17,118
Sheet metal work and metal roofing	\$	5,324,026	-	86,218	112,065
Other roofing	\$	2,667,101	-	24,244	28,921
Other trades	\$	13,696,777	15,799	508,476	175,627

I - Unable to specify.

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

Industry for Canada and by Provinces, 1941.

PROVINCES					
Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
3,093	7,099	717	468	824	1,937
7,257	13,016	1,400	820	1,205	3,054
12,093,290	19,282,770	2,293,839	1,179,772	1,862,033	4,073,591
49,153	55,210	6,329	4,582	6,788	11,485
61,280,388	74,546,335	8,266,876	5,507,029	9,210,029	15,797,986
56,410	68,226	7,729	5,402	7,993	14,539
73,373,678	93,829,105	10,560,715	6,686,801	11,072,062	19,871,677
105,307,131	153,067,279	18,867,006	11,112,022	19,497,518	31,954,169
181,859,687	261,238,765	29,609,648	20,668,374	35,295,959	57,435,615
144,492,627	192,536,182	22,698,440	15,282,781	26,752,604	46,543,385
37,367,060	68,702,583	6,911,208	5,385,593	8,543,355	10,892,230
111,872,181	146,735,821	20,473,803	10,247,667	21,068,977	36,331,822
22,862,823	40,381,069	4,347,347	773,534	2,885,262	11,579,947
7,827,150	3,104,484	448,010	333,778	1,161,373	1,150,166
9,547,398	17,585,339	2,014,836	3,017,411	4,135,412	2,937,437
62,710,550	71,120,970	11,866,613	1,798,983	8,400,417	15,969,368
8,924,260	14,543,959	1,997,997	4,323,961	4,486,513	4,694,904
54,100,053	80,358,430	6,356,009	8,824,707	12,033,055	16,822,842
17,655,330	33,695,749	1,730,241	2,623,121	4,027,869	4,349,909
1,531,663	3,945,493	138,026	131,885	384,142	809,421
3,420,292	6,003,232	713,664	837,257	1,089,240	1,467,817
X	726,481	122,891	744,585	815,069	I
8,105,433	22,448,222	519,555	281,327	2,106,004	1,242,930
987,867	951,634	36,054	10,015	4,581	1,073,432
22,196,468	13,187,619	3,095,578	4,196,517	3,606,150	7,879,333
15,887,453	33,544,514	2,779,836	1,596,000	2,193,927	4,280,951
1,374,499	3,832,344	397,488	364,217	359,981	421,091
4,764,350	10,733,720	919,955	534,265	742,733	1,315,332
596,640	1,888,155	149,665	14,118	116,195	261,351
285,370	1,510,006	117,594	76,264	93,132	143,955
1,818,492	3,974,028	311,720	213,757	329,732	596,209
383,129	694,660	60,476	27,902	35,754	81,864
1,582,940	2,478,410	198,420	145,324	160,155	560,494
576,734	1,737,006	95,763	42,676	56,546	105,211
4,505,299	6,696,185	528,755	177,477	299,699	795,444

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

C A N A D A

Table 6. - Principal Statistics of the Construction Industry in Canada in 1940 and 1941.

	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>1940</u>	No.	No.	\$	\$	\$	\$	\$
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	606,203	294,427	174,884	1,088,206	1,263,090
Provincial Government Departments	19	31,377	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	12,849	149,830	180,229,498	267,228,786	352,301,695	121,821,083	474,122,778
<u>1941</u>							
General and Trade Contractors and Subcontractors	14,625	139,587	195,020,399	342,114,511	459,850,930	104,126,610	563,977,540
Municipalities	342	11,415	12,718,111	7,435,966	7,434,638	14,059,475	21,494,113
The Harbours Board	12	755	886,915	441,742	203,048	1,257,424	1,460,472
Provincial Government Departments	17	17,341	17,972,042	11,502,042	12,416,907	22,431,933	34,848,840
Dominion Government Departments	35	7,260	9,034,314	8,694,478	11,491,305	6,478,354	17,969,659
Totals	15,031	176,358	235,631,781	370,188,739	491,396,828	148,353,796	639,750,624

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	37,040,074	6,115,057	43,155,131	57,992,551	7,629,547	65,622,098
Dwellings, semi-detached or double	3,702,490	826,798	4,529,288	4,787,307	1,336,799	6,124,106
Duplexes	3,333,265	806,076	4,139,341	5,708,479	1,096,872	6,805,351
Apartment houses	6,382,831	1,718,606	8,101,437	6,834,888	2,199,897	9,034,785
Hotels, clubs, restaurants, etc.	1,511,077	1,371,193	2,882,270	2,415,032	1,778,774	4,193,806
Churches and church halls	1,540,537	460,037	2,000,574	1,203,921	576,436	1,780,357
Hospitals and sanatoria	5,551,560	754,436	6,305,996	4,288,579	927,316	5,215,895
Schools, institutions, etc.	7,505,245	1,396,604	8,901,849	6,380,982	1,797,230	8,178,212
Office buildings	7,380,741	3,052,874	10,433,615	6,676,978	4,251,570	10,928,548
Stores	4,347,593	5,044,117	9,391,710	4,805,314	5,600,060	10,405,374
Theatres and amusement halls	2,556,065	568,435	3,124,500	1,713,181	736,060	2,449,241
Factories, warehouses and storehouses	59,688,140	13,772,599	73,460,739	145,451,662	20,322,604	165,774,266
Elevators, grain	8,149,389	2,621,911	10,771,300	5,582,070	2,313,887	7,895,957
Garages	1,428,556	634,395	2,062,951	1,809,950	828,240	2,638,190
Service stations	1,011,964	1,750,615	2,762,579	565,118	1,856,458	2,421,576
Mine buildings	6,557,867	605,495	7,163,362	11,045,930	876,072	11,924,002
Farm buildings	878,936	286,771	1,165,707	960,883	388,513	1,349,396
Radio stations	234,185	85,411	319,596	167,801	-	167,801
Armouries and barracks	34,797,054	1,783,703	36,580,757	32,133,392	2,083,698	34,217,090
Aeroplane hangars	18,379,614	-	18,379,614	15,066,211	287,517	15,323,728
Buildings, unable to specify	705,612	1,462,632	2,168,244	551,439	1,489,955	2,041,394

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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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 1940 and 1941 - Continued

	1 9 4 0			1 9 4 1		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Engineering Construction	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc.	15,626,600	6,082,325	21,708,925	16,773,634	8,727,348	25,500,982
Gravel or stone surfaced streets, highways, etc.	12,412,388	9,938,332	22,350,720	10,351,944	12,286,889	22,638,833
Dirt or clay roads	1,525,972	2,210,789	3,736,761	3,441,269	1,896,968	5,338,237
Grading, scraping, oiling, filling, etc.	3,498,088	4,471,734	7,969,822	5,313,590	4,269,396	9,582,986
Sidewalks	537,972	629,261	1,167,233	806,621	706,834	1,513,455
Roadside maintenance and area improvement	133,017	1,744,762	1,877,779	280,586	1,735,355	2,015,341
Bridges, viaducts, all types	3,479,811	1,910,934	5,390,745	4,139,563	2,224,757	6,384,320
Subways, overhead crossing, etc.	586,765	16,565	603,330	529,129	106,011	635,140
Culverts	738,096	456,478	1,194,574	611,747	513,773	1,125,520
Watermains and connections	3,923,616	2,221,188	6,144,804	5,951,648	2,434,063	8,385,711
Sewars and connections	2,782,690	665,796	3,448,486	3,406,789	1,280,610	4,687,399
Storm sewers	1,146,091	187,145	1,333,236	944,542	262,322	1,206,964
Tile drains, drainage ditches and open sewers	593,678	315,482	909,160	886,740	415,373	1,302,113
Dams and reservoirs	3,130,523	506,667	3,637,190	-	582,660	582,660
Fencing (excluding temporary snow fencing)	783,742	39,706	823,448	781,110	62,681	843,791
Guard rails	198,275	135,390	333,665	158,718	172,058	330,776
Signs	97,373	191,377	288,750	136,516	221,161	357,677
Zone painting	36,986	174,190	211,176	51,018	184,833	235,851
Electric stations, power plants, etc.	17,830,574	4,150,903	21,981,477	19,076,355	-	19,076,355
Transmission lines and towers	9,985,415	1,430,255	11,415,670	9,008,615	1,693,537	10,702,152
Installation of boilers and machinery	805,869	-	805,869	-	16,532	16,532
Railway (steam) construction work	819,698	625,644	1,445,342	1,219,547	386,892	1,606,439
Aerodromes or landing fields	27,615,799	290,944	27,906,743	27,882,299	539,684	28,421,983
Park systems (including grounds and walks)	489,518	1,657,046	2,146,564	126,258	1,633,297	1,759,555
Underground conduits	424,977	-	424,977	741,532	33,584	775,116
Telephone and telegraph lines	181,075	139,787	320,862	-	478,477	478,477
Gas mains and connections	-	221,990	221,990	409,093	-	409,093
Engineering, unable to specify	3,160,355	1,334,297	4,494,652	23,691,480	5,614,454	29,305,934
Harbours, Rivers, etc.						
Docks, wharves, piers and breakwaters .	2,585,867	1,191,000	3,776,867	4,125,489	1,684,270	5,809,759
Retaining walls, embankments and ripraping	779,294	252,910	1,032,204	336,131	329,982	666,113
Canals and waterways	-	317,948	317,948	27,136	318,267	345,403
Dredging	-	1,044,462	1,044,462	4,633,759	818,115	6,451,874
Pile driving	178,092	57,785	235,877	412,728	139,745	582,474
Works, unable to specify	4,098,327	31,910	4,130,237	1,576,459	1,054,064	2,630,523
Trade Construction						
Air conditioning	546,878	182,845	729,723	536,462	245,869	782,331
Bricklaying	377,492	565,513	943,005	668,992	630,954	1,299,946
Carpentry work	689,045	1,809,412	2,498,457	679,730	1,710,929	2,390,659
Commercial refrigeration	369,760	224,824	594,584	493,630	297,817	791,447
Concreting and cement work	473,047	482,986	956,033	950,955	737,738	1,688,593
Electrical work	1,682,745	3,353,607	5,036,352	3,418,994	4,661,312	7,080,306
Elevators, service	831,536	1,202,047	2,033,583	1,123,687	1,414,141	2,537,828
Excavating	1,729,529	127,705	1,857,234	1,172,683	213,881	1,386,564
Flooring	122,792	319,319	442,111	251,254	420,245	671,499
Glass and glazing	368,366	591,720	960,086	235,046	424,468	689,514
Lathing, plastering and stucco	554,033	633,049	1,187,082	605,501	705,456	1,310,957
Masonry and stone work	79,060	116,914	195,974	99,358	105,112	204,470
Ornamental iron work	140,832	119,258	260,090	228,203	113,299	341,502
Painting and decorating	749,275	5,182,979	5,932,254	1,046,849	5,896,367	6,943,216

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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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 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.			\$	\$	\$	\$
Plumbing, heating and sanitary engineering	5,818,301	11,164,916	16,983,217	7,685,308	12,870,109	20,555,417
Roofing, sheet metal	253,906	902,850	1,156,755	333,240	976,531	1,309,771
Roofing, all other	1,095,962	1,642,894	2,738,856	850,798	1,816,303	2,667,101
Sheet metal work, other than roofing	1,114,245	1,649,122	2,763,367	1,964,036	2,050,219	4,014,255
Sprinkler installation	482,274	86,444	568,718	737,575	115,780	853,355
Structural steel work	1,233,662	361,465	1,595,127	3,768,415	95,804	3,864,219
Tiling, marble and terrazzo	273,461	393,512	666,973	608,528	487,708	1,096,236
Weatherstripping and insulation	392,888	642,480	1,035,368	727,099	866,017	1,593,116
Wrecking and demolition	-	215,496	215,496	-	254,757	264,757
Trade, unable to specify	53,269	86,959	140,228	236,772	69,482	306,254
TOTAL VALUE OF WORK PERFORMED	352,301,695	121,821,083	474,122,778	491,396,828	148,353,796	639,750,624

Table 8. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Building Construction	\$	\$	\$	\$	\$	\$
Dwellings, single	34,761,197	5,752,746	40,513,943	56,984,897	7,040,258	64,025,155
Dwellings, semi-detached or double	3,702,490	826,798	4,529,288	4,787,307	1,326,799	6,124,106
Duplexes	3,333,265	806,076	4,139,341	5,708,479	1,096,872	6,805,351
Apartment houses	6,382,831	1,718,606	8,101,437	6,834,888	2,199,897	9,034,785
Hotels, clubs, restaurants, etc.	1,502,488	1,352,130	2,854,618	2,412,635	1,749,254	4,161,889
Churches and church halls	1,540,537	460,037	2,000,574	1,203,921	576,436	1,780,357
Hospitals and sanatoria	4,912,427	657,096	5,569,523	4,049,817	801,467	4,851,284
Schools, institutions, etc.	7,479,343	1,338,901	8,818,244	6,335,883	1,751,413	8,087,296
Office buildings	6,651,560	2,265,353	8,916,913	5,924,399	2,781,281	8,705,680
Stores	4,347,593	5,044,117	9,391,710	4,805,314	5,600,060	10,405,374
Theatres and amusement halls	2,487,606	564,740	3,052,346	1,668,370	693,334	2,361,704
Factories, warehouses and storehouses	59,022,568	13,185,652	72,208,220	144,994,310	19,652,786	164,647,096
Elevators, grain	8,148,750	2,414,324	10,563,074	5,562,899	2,093,969	7,556,868
Garages	1,206,340	535,582	1,741,922	1,562,423	647,826	2,209,949
Service stations	1,011,964	1,750,615	2,762,579	565,118	1,856,458	2,421,576
Mine buildings	6,557,867	605,495	7,162,362	11,045,930	879,072	11,924,002
Farm buildings	821,664	276,328	1,097,992	863,100	381,133	1,244,233
Aeroplane hangars	18,379,614	-	18,379,614	15,066,211	257,517	15,323,729
Radio stations	234,185	85,411	319,596	167,801	-	167,801
Armouries and barracks	8,316,943	215,313	8,531,256	25,738,081	357,072	26,095,153
Buildings, unable to specify	277,482	1,095,884	1,373,366	141,773	552,876	694,649
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	8,476,623	1,285,904	9,862,527	12,031,357	2,026,638	14,057,995
Gravel or stone surfaced streets, highways, etc.	8,484,780	952,266	9,437,046	6,920,534	1,618,057	8,538,591
Dirt or clay roads	403,846	-	403,846	2,334,263	34,434	2,368,697

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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Table 8. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1940 and 1941 - Concluded.

	1940			1941		
	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.	2,709,418	570,296	3,278,714	4,324,390	370,491	4,696,881
Sidewalks	186,836	20,172	207,008	247,953	13,639	261,592
Bridges, viaducts, all types	1,794,466	121,967	1,916,433	2,355,345	397,405	2,752,750
Subways, overhead crossings, etc.,	302,025	-	302,025	350,925	-	350,925
Culverts	175,151	18,050	193,201	171,213	23,270	194,483
Watermains and connections	1,883,092	89,530	1,972,622	4,016,981	139,656	4,156,637
Sewers and connections	1,532,230	63,013	1,595,243	2,247,675	663,883	2,911,558
Storm sewers	290,386	-	290,386	548,301	20,253	568,554
Open sewers or drains	221,488	14,580	236,068	520,956	70,271	591,227
Dams and reservoirs	2,998,763	268,629	3,267,392	-	332,133	332,133
Fencing (excluding temporary snow fencing)	294,115	5,206	299,321	345,562	780	246,342
Electric stations, power plants, etc.	17,820,074	4,133,709	21,953,783	19,076,355	-	19,076,355
Installation of boilers and machinery	805,869	-	805,869	-	16,532	16,532
Transmission lines and towers	9,706,904	930,939	10,637,843	8,648,915	1,196,090	9,845,005
Railway (steam) construction work	796,688	442,183	1,238,871	1,128,184	150,706	1,278,890
Aerodromes or landing fields	27,597,551	248,755	27,846,306	27,827,889	502,280	28,330,169
Park systems, including grounds and walks	-	-	-	-	914	914
Underground conduits	424,977	-	424,977	741,389	33,410	774,799
Telephone and telegraph lines	-	-	-	-	356,741	356,741
Gas mains and connections	-	220,900	220,900	389,956	-	389,956
Engineering, unable to specify	2,758,306	595,192	3,353,498	23,217,066	5,579,423	28,796,489
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and break- waters	2,445,242	410,319	2,855,561	3,903,381	797,380	4,700,761
Retaining walls, embankments and riprappling	223,272	143,917	367,189	127,513	44,838	172,351
Dredging	-	-	-	4,559,211	195,872	4,755,083
File driving	178,092	57,785	235,877	412,728	139,746	552,474
Works, unable to specify	3,973,994	462,743	4,436,737	458,297	26,580	484,877
<u>Trade Construction</u>						
Air conditioning	546,878	182,845	729,723	536,462	245,869	782,331
Bricklaying	377,492	555,513	943,005	668,992	630,954	1,299,946
Carpentry work	689,045	1,809,412	2,498,457	679,730	1,710,929	2,390,659
Commercial refrigeration	369,760	224,824	594,584	493,630	297,817	791,447
Concreting and cement work	473,047	482,986	956,033	950,955	737,738	1,588,693
Electrical work	1,682,745	3,353,607	5,036,352	2,418,994	4,661,312	7,080,306
Elevators, service	831,536	1,202,047	2,033,583	1,123,687	1,414,141	2,537,828
Excavating	312,997	39,790	352,787	370,603	102,291	472,894
Flooring	122,792	319,319	442,111	251,254	420,245	671,499
Glass and glazing	368,366	591,720	960,086	235,046	424,468	659,514
Latheing, plastering and stucco	554,033	633,049	1,187,082	605,501	705,456	1,310,957
Masonry and stone work	79,060	116,914	195,974	99,358	105,112	204,470
Ornamental iron work	140,832	119,258	260,090	228,203	113,299	341,502
Painting and decorating	749,275	5,182,979	5,932,254	1,046,849	5,896,367	6,943,216
Plumbing, heating and sanitary engineering	5,818,301	11,154,916	16,983,217	7,688,308	12,870,109	20,555,417
Roofing, sheet metal	253,305	902,850	1,156,755	333,240	976,531	1,309,771
Roofing, all other	1,095,962	1,542,894	2,734,856	850,798	1,816,303	2,667,101
Sheet metal work, other than roofing	1,114,245	1,649,122	2,763,367	1,964,036	2,050,219	4,014,255
Sprinkler installation	482,274	86,444	568,718	737,575	115,780	853,355
Structural steel work	1,233,662	361,466	1,595,127	3,768,415	95,804	3,864,219
Tiling, marble and terrazzo	273,461	393,512	666,973	608,528	487,708	1,096,236
Weatherstripping and insulation	392,888	642,480	1,035,368	727,099	866,017	1,593,116
Wrecking and demolition	-	215,496	215,496	-	254,757	254,757
Trades, unable to specify	53,269	86,959	140,228	236,772	69,482	306,254
TOTAL VALUE OF WORK PERFORMED	295,677,227	83,977,660	379,654,887	459,850,930	104,126,610	563,977,540

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

CANADA

Table 9. - Description, Classification and Value of Work Performed in Canada by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	739,052	147,901	886,953	977,905	217,885	1,195,790
Bricklaying	1,303,337	199,480	1,502,817	1,950,433	282,571	2,233,004
Carpentry work	880,230	114,582	994,812	1,141,184	213,205	1,354,389
Commercial refrigeration	69,328	2,570	71,898	240,666	23,934	264,600
Concreting and cement work	1,697,154	179,731	1,876,885	2,398,495	311,444	2,709,939
Electrical work	7,147,157	1,924,877	9,072,034	12,303,084	1,590,973	13,894,057
Elevators, service	709,632	9,650	719,282	541,374	-	541,374
Excavating	1,469,000	30,821	1,499,821	2,028,342	26,379	2,054,721
Flooring	1,040,854	258,814	1,299,668	1,907,855	338,363	2,246,218
Glass and glazing	990,364	551,615	1,541,979	1,413,662	967,279	2,380,941
Lathing, plastering and stucco	3,612,437	642,728	4,255,165	4,444,928	784,358	5,229,286
Masonry and stone work	499,793	49,491	549,284	746,030	72,523	818,553
Ornamental iron work	1,085,726	108,938	1,194,664	1,306,893	111,844	1,418,727
Painting and decorating	1,970,149	967,225	2,937,374	3,782,815	1,524,846	5,307,661
Plumbing, heating and sanitary engineering	16,307,656	2,808,713	19,116,369	26,072,117	3,693,265	29,765,382
Roofing, sheet metal	1,728,287	414,517	2,142,804	1,883,413	331,987	2,215,400
Roofing, all other	2,168,103	691,755	2,859,858	3,263,099	884,719	4,147,818
Sheet metal work (other than roofing)	3,627,819	502,610	4,130,429	3,464,832	572,043	4,036,875
Sprinkler installation	807,897	111,064	918,961	824,266	133,146	957,412
Street and highway work	392,840	65,753	458,593	552,053	115,223	667,276
Structural steel work	32,419,568	339,242	32,758,810	39,472,115	312,214	39,784,329
Tiling, marble and terrazzo	2,281,846	357,126	2,638,972	2,240,303	449,474	2,689,777
Weatherstripping and insulation	430,130	238,573	668,703	739,931	226,927	956,858
Wrecking and demolition	-	64,980	64,980	-	116,168	116,168
Dredging	105,529	-	105,529	-	-	-
Open sewers or drains	220,385	13,292	233,677	183,331	-	183,331
Pile driving	145,556	17,612	163,167	125,191	-	125,191
Sewers and connections	-	-	-	65,191	-	65,191
Work, unable to specify	987,215	212,661	1,199,876	909,628	572,292	1,481,920
TOTAL VALUE OF WORK PERFORMED ..	84,837,043	11,026,321	95,863,364	114,979,136	13,873,062	128,852,198

Table 10. - Description, Classification and Value of Work Performed in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings	2,278,877	362,311	2,641,188	1,007,654	589,289	1,596,943
Office buildings	729,181	787,521	1,516,702	752,579	1,470,289	2,222,868
Warehouses or storehouses	665,572	586,947	1,252,519	394,535	685,502	1,053,138
Garages	222,216	98,813	321,029	247,527	180,714	428,241
Elevators, grain	639	207,587	207,226	19,171	219,918	239,089
Farm buildings	57,272	10,443	67,715	97,783	7,380	105,163
Armouries and barracks	26,481,111	1,568,390	28,049,501	6,395,311	1,726,626	8,121,937
Theatres and amusement halls	68,459	3,695	72,154	44,811	42,726	87,537
Schools, institutions, etc.	25,902	57,703	83,605	45,099	45,817	90,916
Hospitals and sanatoria	639,133	97,340	736,473	238,762	125,849	364,611
Hotels, clubs and restaurants	8,589	19,063	27,652	2,397	29,520	31,917
Factories	-	-	-	62,717	11,315	74,032
All other buildings and structures	428,130	366,748	794,878	409,666	937,079	1,346,745

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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 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc.	7,049,977	4,796,421	11,846,398	4,742,277	6,700,710	11,442,987
Gravel or stone surfaced streets, highways, etc.	3,927,608	8,986,066	12,913,674	3,431,410	10,668,832	14,100,242
Dirt or clay roads	1,122,126	2,072,961	3,195,087	1,107,006	1,862,534	2,969,540
Grading, scraping, oiling, filling, etc.	789,670	3,901,438	4,691,108	989,200	3,896,905	4,886,105
Sidewalks	351,136	609,089	960,225	558,668	693,195	1,251,863
Roadside maintenance and area improvement	133,017	1,744,762	1,877,779	274,935	1,735,355	2,010,290
Bridges, viaducts, all types	1,685,345	1,788,967	3,474,312	1,784,218	1,827,352	3,611,570
Subways, overhead crossings, etc.	284,740	16,556	301,306	178,204	104,037	282,241
Culverts	562,945	438,428	1,001,373	440,534	490,503	931,037
Storm sewers	855,205	183,565	1,038,770	396,241	242,069	638,310
Tile drains, drainage ditches and open sewers	372,190	300,902	673,092	365,784	345,102	710,886
Reservoirs	45,058	50,592	95,650	57,886	24,551	82,437
Fencing (excluding temporary snow fencing)	489,627	34,500	524,127	635,548	61,901	597,449
Guard rails	198,275	135,390	333,665	158,718	172,058	330,776
Signs	97,373	191,377	288,750	136,516	221,161	357,677
Zone painting	36,986	174,190	211,176	51,018	184,833	235,851
Watermains and connections	2,040,524	2,131,658	4,172,182	1,934,667	2,294,407	4,229,074
Sewers and connections	1,250,460	602,783	1,853,243	1,159,114	616,727	1,775,841
Electric stations, power plants, etc.	10,500	17,194	27,694	-	29,434	29,434
Pole or distribution lines, electric	278,511	499,316	777,827	359,700	497,447	857,147
Docks, wharves, piers, breakwaters	140,625	780,681	921,306	222,108	886,890	1,108,998
Retaining walls and ripraping	556,022	108,993	665,015	208,618	285,144	493,762
Canal reaches	254	64,107	64,361	2,215	47,627	49,842
Canal locks	10,751	196,573	207,324	2,499	193,554	196,053
Canal gates	29,581	57,268	86,849	17,022	50,674	67,696
Water control or dam	86,702	187,446	274,148	209,361	225,976	435,337
Aerodromes or landing fields	18,248	42,189	60,437	54,410	37,404	91,814
Dredging	83,747	613,629	697,376	74,548	622,243	696,791
Excavating	1,416,532	87,915	1,504,447	802,080	111,590	913,670
Park systems (including grounds and walks)	447,229	1,615,071	2,062,300	122,499	1,632,383	1,784,882
Railway (steam) construction work	23,010	183,461	206,471	91,363	236,186	327,549
Railway (electric) construction work ..	-	2,739	2,739	-	-	-
Telephone and telegraph lines	151,252	133,285	284,537	216,577	121,736	338,313
Gas mains and connections	3,276	1,090	4,366	19,137	7,571	26,708
Works, unable to specify	470,885	926,251	1,397,136	1,123,705	1,054,070	2,177,775
TOTAL VALUE OF WORK PERFORMED	56,624,468	37,843,423	94,467,891	31,545,898	44,227,186	75,773,084

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Table 11. - Total Cost of Materials Used by the Construction Industry in Canada, by Groups and Provinces in 1940 and 1941.

	General and Trade Contractors and Subcontractors	Municipalities	The Harbours Board, Provincial and Dominion Government Departments	Total Cost
<u>1940</u>	\$	\$	\$	\$
CANADA	227,378,273	5,600,779	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
<u>1941</u>				
CANADA	342,114,511	7,435,966	20,638,262	370,188,739
Prince Edward Island	1,016,926	6,822	71,340	1,095,088
Nova Scotia	16,942,689	195,012	2,130,403	19,268,104
New Brunswick	8,185,742	106,015	1,728,675	10,020,432
Quebec	99,462,718	1,276,642	4,567,771	105,307,131
Ontario	142,001,619	3,716,530	7,349,130	153,067,279
Manitoba	18,101,757	311,243	454,006	18,867,006
Saskatchewan	10,408,350	240,039	463,633	11,112,022
Alberta	17,847,238	487,175	1,363,105	19,497,518
British Columbia	28,347,472	1,096,488	2,510,199	31,954,159

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

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Table 12. - Cost of Materials Used by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in Canada, in 1940 and 1941.

	1940	1941
	Cost	Value
	\$	\$
Lumber and timber, rough and dressed	10,048,530	4,367,739
Lumber and timber, creosoted or chemically treated	753,895	631,162
Piling, wood (including treated piling)	77,232	79,045
Piling, steel	35,171	25,349
Piling, other	36,726	26,990
Posts, wood	150,877	71,830
Posts, steel	77,597	51,556
Posts, other	8,315	17,268
Iron and steel shapes	344,091	296,296
Iron and steel forms	330,118	418,757
Iron and steel reinforcing	360,413	294,266
Hydrants	87,009	87,208
Manhole covers and frames	130,751	159,514
Pipe, metal	986,826	952,723
Pipe, concrete	487,582	274,052
Pipe, vitrified clay, etc.	304,445	295,451
Culverts	237,353	324,589
Rope or cable, wire	109,792	124,604
Rope, other	19,714	28,379
Wire netting or mesh	53,303	127,745
Electric light standards	129,098	253,919
Electrical supplies	1,780,067	1,137,695
Plumbing and shop supplies	1,667,072	610,364
Lead and lead pipe	91,214	147,216
Pipe fittings	303,582	261,986
Valves	713,393	413,049
Hardware	2,401,217	1,300,090
Paint and painters' supplies	581,552	527,799
Explosives	115,896	117,921
Fencing materials (not to include posts)	163,112	141,105
Guard rail materials (not to include posts)	84,229	21,583
Signs, metal	144,361	170,864
Brick	121,619	83,237
Stone, crushed and all other	2,106,181	1,508,772
Paving blocks	20,976	18,547
Gravel	1,599,206	1,635,539
Sand	351,220	296,685
Cement	2,215,169	1,646,921
Concrete, ready-mix	78,998	95,509
Bituminous materials (not including oil)	2,939,915	3,654,447
Calcium chloride, salt and other chemicals	1,177,749	1,223,087
Oil, for road construction	1,211,205	643,448
Borrow pits, earth fill, cinders, etc.	125,495	120,408
Roofing materials	658,641	275,909
All other materials (unable to classify)	4,431,605	3,113,605
TOTAL COST OF MATERIALS USED	39,850,513	28,074,228

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Table 13. - Average Monthly Employment of Wage-earners and Their Remuneration by Groups in 1940 and 1941.

	General and Trade Contractors and Subcontractors	Municipalities	The Harbours Board	Provincial Government Departments	Dominion Government Departments	Total
	No.	No.	No.	No.	No.	No.
<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	78,671
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
<u>1941</u>						
January	85,660	6,173	499	4,137	4,364	100,833
February	84,824	6,006	489	4,547	4,861	100,727
March	87,712	6,411	625	5,757	5,533	107,038
April	96,482	9,005	811	7,271	6,791	120,360
May	114,428	11,412	673	18,603	6,906	152,022
June	127,488	12,319	642	20,034	5,602	167,085
July	134,173	12,907	699	26,007	7,317	181,103
August	138,319	12,715	702	22,576	6,987	181,299
September	129,271	11,872	722	20,714	7,055	179,634
October	141,292	10,949	688	20,548	6,745	180,222
November	132,481	9,500	606	17,648	6,143	166,378
December	113,689	8,111	500	10,737	5,449	138,456
Monthly Average	116,316	9,782	638	14,965	6,229	147,930
Amount of Wages Paid	\$ 168,527,967	\$ 10,305,631	\$ 667,059	\$ 14,691,750	\$ 8,015,261	\$ 192,207,668

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Table 14. - Average Monthly Employment of Wage-earners and Their Remuneration by Provinces in 1940 and 1941.

	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>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	1,573	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	7,018	4,504	41,196	51,866	5,085	3,789	6,626	8,150
July	1,005	8,701	6,148	46,459	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	56,661	7,306	6,128	7,933	10,713
December	1,234	9,931	4,581	38,148	41,552	4,959	3,582	4,696	9,663
Monthly Average ...	986	7,653	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
<u>1941</u>									
January	554	5,128	3,095	37,120	36,462	4,751	2,165	3,918	7,643
February	314	5,147	3,027	37,389	36,103	4,880	1,973	3,684	8,210
March	201	5,008	3,136	35,615	41,882	5,088	1,951	4,682	9,475
April	200	6,736	3,692	36,797	47,313	6,559	2,433	5,922	10,708
May	336	7,592	5,185	46,079	62,484	7,822	3,729	7,345	11,450
June	487	8,044	6,008	53,372	65,154	8,553	4,821	7,973	12,673
July	854	8,879	6,807	59,547	68,715	8,599	5,336	8,928	13,440
August	1,110	9,734	7,869	60,275	66,053	7,440	5,949	9,154	13,715
September	960	10,974	8,585	59,567	63,381	6,765	7,083	8,913	13,406
October	687	10,015	8,962	59,107	66,275	6,372	7,877	8,713	13,224
November	479	9,676	7,892	57,140	59,230	5,144	6,938	7,256	12,623
December	321	9,240	5,673	47,826	50,473	3,972	4,725	4,972	11,254
Monthly Average ..	542	8,014	5,827	49,153	55,210	6,329	4,582	6,788	11,485
Amount of Wages Paid	\$ 568,633	\$ 10,842,902	\$ 6,187,490	\$ 61,280,388	\$ 74,546,335	\$ 8,266,876	\$ 5,507,029	\$ 9,210,029	\$ 15,797,986

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Table 15. - Average Monthly Employment of Wage-earners in Canada, by General and Trade Contractors and Subcontractors and Their Remuneration, by Provinces in 1940 and 1941.

	Prince Edward Island	No.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	CANADA
<u>1940</u>		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
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	14,925	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	72,119	
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	7,859	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	
<u>1941</u>											
January	532	4,053	1,898	73,322	31,137	4,393	1,779	2,845	5,701	85,660	
February	301	4,024	1,673	32,573	31,465	4,462	1,642	2,686	5,998	84,824	
March	186	3,870	1,673	30,945	34,486	4,714	1,480	3,283	7,075	87,712	
April	173	4,181	1,752	31,349	39,834	5,795	1,856	4,026	7,516	96,482	
May	250	5,567	2,482	35,341	48,479	6,912	2,595	4,951	7,851	114,428	
June	55	6,681	2,961	39,872	52,797	7,376	3,212	5,511	8,714	127,488	
July	706	7,376	3,158	42,916	54,293	7,218	3,337	5,763	9,406	134,173	
August	996	8,265	4,347	45,407	53,505	6,042	3,669	6,184	9,904	138,319	
September	853	9,315	5,116	45,901	51,328	5,476	5,065	6,196	10,021	139,271	
October	571	8,504	5,515	46,948	52,709	5,060	6,046	6,193	9,746	141,292	
November	392	8,342	4,774	46,586	48,615	4,398	5,159	4,872	9,343	132,451	
December	257	7,799	3,681	40,863	42,303	3,553	3,294	3,521	8,388	113,659	
Monthly Average	465	6,498	3,253	39,335	45,079	5,450	3,261	4,669	8,305	116,316	
Amount of Wages Paid	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Paid	486,410	8,897,123	4,034,142	51,484,331	63,894,812	7,244,551	4,193,552	6,733,379	11,559,667	158,527,967	

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Table 16. - Average Monthly Employment of Wage-earners in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments, by Provinces, in 1940 and 1941.

	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>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	18,376
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	17,933	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	116	3,762	2,938	14,075	12,340	1,092	1,057	2,430	2,430	40,239
Amount of Wages Paid	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
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
<u>1941</u>										
January	22	1,072	1,197	3,798	5,325	358	386	1,073	1,942	15,173
February	13	1,123	1,354	4,816	4,638	418	331	998	2,212	15,903
March	15	1,138	1,453	4,670	7,396	374	471	1,399	2,400	19,326
April	27	2,555	1,940	5,448	7,479	764	577	1,896	3,192	23,878
May	88	2,025	2,703	10,738	14,005	910	1,134	2,354	3,599	37,594
June	122	1,363	3,047	13,500	12,357	1,178	1,609	2,462	3,959	39,597
July	148	1,503	3,649	16,631	14,423	1,381	1,999	3,162	4,034	46,930
August	114	1,469	3,522	14,868	12,548	1,398	2,280	2,970	3,811	42,980
September	107	1,659	3,469	13,666	12,053	1,289	2,018	2,717	3,385	40,363
October	116	1,511	3,437	12,159	12,566	1,312	1,831	2,520	3,478	38,930
November	87	1,334	3,118	10,554	10,615	746	1,779	2,384	3,280	33,897
December	64	1,441	1,992	6,963	8,170	419	1,431	1,451	2,866	24,797
Monthly Average	77	1,516	2,574	9,818	10,131	879	1,321	2,119	3,180	31,614
Amount of Wages Paid	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Paid	82,223	1,945,779	2,153,348	9,796,057	10,651,523	1,022,325	1,313,477	2,476,650	4,238,319	33,679,701

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Table 17. - Principal Statistics of General and Trade Contractors (including Subcontractors), located in Nine Cities of Canada, in 1940 and 1941.

(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
<u>1940</u>	No.	No.	\$	\$	\$	\$	\$
Hamilton	410	3,947	5,115,386	9,764,823	11,196,548	3,119,567	14,316,115
London	229	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	3,916,651	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	696	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	2,350,981	759,798	3,110,781
Winnipeg	495	4,505	5,619,287	10,578,375	14,155,236	4,501,238	18,656,474
Totals	6,114	62,612	81,876,308	124,076,576	167,947,798	51,156,414	219,104,212
<u>1941</u>							
Hamilton	438	4,427	6,303,275	10,783,961	15,634,097	4,239,090	19,873,167
London	227	1,231	1,571,314	2,214,116	2,355,913	1,322,679	3,678,592
Montreal	1,431	33,318	46,387,312	73,762,432	103,165,373	17,485,911	120,651,284
Ottawa	421	3,064	3,871,410	5,619,751	6,573,974	3,332,675	9,906,649
Quebec	295	3,619	4,420,188	5,651,208	7,941,752	3,066,075	11,007,827
Toronto	2,054	23,978	36,018,070	58,231,239	77,100,637	22,798,699	99,899,336
Vancouver	1,146	7,572	10,328,011	16,194,977	23,179,608	3,888,749	27,068,357
Victoria	234	1,302	1,760,690	2,322,964	2,788,736	1,043,358	3,832,094
Winnipeg	543	4,302	5,419,548	8,974,671	10,313,819	4,443,784	14,757,603
Totals	6,789	82,813	116,079,818	183,755,319	249,053,909	61,521,020	310,674,929

Table 18. - Percentage Variation in Principal Statistics of the Above Nine Cities in 1940 and 1941.

	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
	\$	\$	\$	\$	\$	\$	\$
	+ 6.8	+ 12.2	+ 23.2	+ 10.4	+ 39.6	+ 35.9	+ 38.8
Hamilton	+ 6.8	+ 12.2	+ 23.2	+ 10.4	+ 39.6	+ 35.9	+ 38.8
London	-	+ 2.9	+ 13.6	+ 16.7	+ 13.6	+ 13.5	+ 13.7
Montreal	+ 12.5	+ 57.3	+ 64.2	+ 77.6	+ 85.3	+ 9.8	+ 68.5
Ottawa	+ 18.6	+ 18.8	+ 30.8	+ 43.5	+ 27.9	+ 44.0	+ 32.9
Quebec	+ 20.9	+ 19.8	+ 31.0	+ 38.4	+ 44.3	+ 33.4	+ 41.1
Toronto	+ 2.2	+ 21.1	+ 34.1	+ 41.6	+ 34.9	+ 27.3	+ 33.1
Vancouver	+ 27.9	+ 40.9	+ 47.3	+ 73.5	+ 57.6	+ 22.9	+ 51.4
Victoria	+ 14.1	+ 28.5	+ 35.4	+ 26.8	+ 18.6	+ 37.3	+ 23.2
Winnipeg	+ 9.7	- 4.6	- 3.6	- 15.2	- 27.1	- 1.3	- 20.9
Totals	+ 11.0	+ 32.3	+ 41.8	+ 48.1	+ 48.3	+ 20.5	+ 41.8

+ Represents Increase
- Represents Decrease

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Table 19. - Principal Statistics of the Construction Industry in Prince Edward Island in 1940 and 1941.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
		No.	No.	\$	\$	\$	\$
<u>1940</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors	41	937	1,111,018	2,185,059	3,867,399	76,362	3,943,761
Municipalities and Dominion Government Departments	6	133	119,194	84,131	33,058	170,764	203,822
Totals	47	1,070	1,230,212	2,269,190	3,900,457	247,126	4,147,583
<u>1941</u>							
General and Trade Contractors and Subcontractors	44	513	598,053	1,016,926	1,572,121	183,989	1,756,110
Municipalities and Dominion Government Departments	9	90	105,346	78,162	32,217	150,394	182,611
Totals	53	613	703,399	1,095,088	1,604,338	334,383	1,938,721

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
				\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	33,934	2,010	35,944	27,864	9,169	37,033
Apartment houses	-	-	-	-	8,642	8,642
Schools, institutions, etc.	-	1,776	1,776	-	3,859	3,859
Stores	-	1,651	1,651	-	-	-
Office buildings	-	-	-	-	2,696	2,696
Factories, warehouses and storehouses	73,143	-	73,143	-	10,325	10,325
Garages	1,815	463	2,278	-	2,160	2,160
Armouries and barracks	-	37,166	37,166	-	17,747	17,747
Buildings, unable to specify	2,232,002	34,237	2,266,239	637,862	87,759	725,621
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	-	9,836	9,836	-	18,246	18,246
Gravel or stone surfaced streets, highways, etc.	3,500	2,048	5,548	34,648	1,818	36,466
Dirt or clay roads	-	1,212	1,212	-	1,781	1,781
Grading, scraping, oiling, filling, etc.	-	824	824	-	3,291	3,291
Sidewalks	-	1,838	1,838	497	1,316	1,813
Roadside maintenance and area improvement	1,300	-	1,300	-	-	-
Culverts	-	-	-	-	148	148
Watermains and connections	-	-	-	-	200	200
Sewers and connections	-	-	-	233	-	233
Storm sewers	-	502	502	-	400	400
Fencing (excluding temporary snow fencing)	200	-	200	125	-	125
Transmission lines and towers	11,188	-	11,188	-	-	-
Aerodromes or landing fields	1,032,561	-	1,032,561	-	-	-
Port systems	7,486	9,964	17,450	-	17,489	17,489
Engineering, unable to specify	363,358	160	363,518	785,034	19,093	804,127
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers, breakwaters	-	36,953	36,953	26,824	6,210	32,034
Dredging	4,892	61,675	66,567	-	69,498	69,498
Works, unable to specify	-	-	-	124	-	124
<u>Trade Construction</u>						
Electrical work	6,310	-	6,310	-	-	-
Plumbing, heating and sanitary engineering	114,680	34,720	149,400	71,687	41,424	113,111
Trades, unable to specify	14,088	10,091	24,179	20,440	11,112	31,552
TOTAL VALUE OF WORK PERFORMED	3,900,457	247,126	4,147,583	1,604,338	334,383	1,938,721

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Table 21. - Description, Classification and Value of Work Performed in Prince Edward Island, by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	33,499	1,863	35,362	27,864	8,064	35,928
Apartment houses	-	-	-	-	8,642	8,642
Schools, institutions, etc.	-	1,776	1,776	-	3,859	3,859
Stores	-	1,651	1,651	-	-	-
Factories, warehouses and storehouses	69,815	-	69,815	-	-	-
Garages	1,815	-	1,815	-	-	-
Buildings, unable to specify	2,231,583	26,261	2,257,844	636,466	85,160	721,626
<u>Engineering Construction</u>	\$	\$	\$	\$	\$	\$
Gravel or stone surfaced streets, highways, etc.	-	-	-	34,648	-	34,648
Aerodromes or landing fields	1,032,561	-	1,032,561	-	-	-
Engineering, unable to specify	363,048	-	363,048	781,016	25,728	806,744
<u>Trade Construction</u>	\$	\$	\$	\$	\$	\$
Electrical work	6,310	-	6,310	-	-	-
Plumbing, heating and sanitary engineering	114,680	34,720	149,400	71,687	41,424	113,111
Trades, unable to specify	14,088	10,091	24,179	20,440	11,112	31,552
TOTAL VALUE OF WORK PERFORMED	3,867,399	76,362	3,943,761	1,572,121	183,989	1,756,110

Table 22. - Description, Classification and Value of Work Performed by Subcontractors in Prince Edward Island, 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Plumbing, heating and sanitary engineering</u>	\$	\$	\$	\$	\$	\$
Work, unable to specify	216,902	-	216,902	-	-	-
Work, unable to specify	196,352	7,405	203,757	75,145	536	75,681
TOTAL VALUE OF WORK PERFORMED	413,254	7,405	420,659	75,145	536	75,681

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island
by Municipal and Dominion Government Departments, in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Dwellings</u>	\$	\$	\$	\$	\$	\$
Office buildings	-	-	-	-	1,105	1,105
Warehouses or storehouses	3,328	-	3,328	-	1,076	1,076
Garages	-	-	-	-	8,829	8,829
Armouries and barracks	-	36,725	36,725	-	2,160	2,160
All other buildings and structures	854	9,027	9,881	1,396	17,747	17,747
					5,715	7,111

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Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipal and Dominion Government Departments, in 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Hard surfaced or paved streets, highways, etc.	\$ -	\$ 9,836	\$ 9,836	\$ -	\$ 9,654	\$ 9,654
Gravel or stone surfaced highways, etc.	3,500	2,048	5,548	-	1,818	1,818
Dirt or clay roads	-	1,212	1,212	644	1,781	2,425
Grading, scraping, oiling, filling, etc.	-	824	824	-	3,291	3,291
Sidewalks	-	1,638	1,638	497	1,316	1,813
Roadside maintenance and area improvement	1,300	-	1,300	-	-	-
Culverts	-	-	-	-	148	148
Storm sewers	-	502	502	-	400	400
Tile drains, drainage ditches and open sewers	-	-	-	-	419	419
Fencing (excluding temporary snow fencing)	200	-	200	125	-	125
Signs	-	-	-	-	674	674
Water mains and connections	-	-	-	2,393	200	2,593
Sewers and connections	-	-	-	233	-	233
Pole or distribution lines, electric	11,188	-	11,188	-	-	-
Docks, wharves, piers, breakwaters	-	36,953	36,953	25,824	6,210	32,034
Dredging	4,892	61,675	66,567	-	69,498	69,498
Park systems (including grounds and walks)	7,486	9,964	17,450	-	17,489	17,489
Works, unable to specify	310	160	470	1,105	864	1,969
TOTAL VALUE OF WORK PERFORMED	33,058	170,764	203,822	32,217	150,394	182,611

Table 24. - Cost of materials Used by Municipal and Dominion Government Departments in Prince Edward Island, in 1940 and 1941.

	1940		1941	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed	\$ 21,016		\$ 14,447	
Lumber and timber, creosoted or chemically treated	758		1,914	
Piling, wood (including treated piling)	1,432		2,513	
Posts, wood	-		120	
Iron and steel forms	-		260	
Iron and steel reinforcing	-		460	
Pipes, metal	1,443		456	
Pipes, concrete	187		338	
Pipe, vitrified clay, etc.	-		274	
Culverts	123		-	
Rope or cable, wire	1,417		662	
Rope, other	1,579		2,177	
Electric light standards	761		-	
Electrical supplies	4,881		2,430	
Plumbing and shop supplies	2,143		1,728	
Pipe fittings	-		524	
Hardware	7,114		7,639	
Paint and painters' supplies	5,857		1,548	
Fencing materials (not to include posts)	402		180	
Brick	248		102	
Stone, crushed and all other	1,411		1,151	
Gravel	977		1,112	
Sand	582		449	
Cement	791		681	
Bituminous materials (not including oil)	1,379		408	
Calcium chloride, salt and other chemicals	916		1,485	
Oil, for road construction	499		-	
Borrow pits, earth fill, cinders, etc.	125		245	
Roofing materials	1,060		2,074	
All other materials, unable to classify	27,030		32,785	
TOTAL COST OF MATERIALS	84,131		78,162	

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Table 25. - Principal Statistics of the Construction Industry in Nova Scotia in 1940 and 1941.

	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
1940	No.	No.	\$	\$	\$	\$	\$
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	8,865	11,284,681	15,589,741	22,613,827	6,023,577	28,637,404
1941							
General and Trade Contractors and Subcontractors	536	7,342	10,330,822	16,942,689	24,028,703	4,556,484	28,585,167
Municipalities	18	396	371,702	195,012	174,940	417,086	592,026
Harbours Board, Provincial and Dominion Government Departments	6	1,326	1,837,108	2,130,403	2,610,315	1,365,483	3,975,798
Totals	560	9,064	12,539,632	19,268,104	26,813,958	6,339,033	33,152,991

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, 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Building Construction						
Dwellings, single	1,024,220	345,684	1,369,904	3,188,590	468,851	3,657,441
Dwellings, semi-detached or double	25,195	20,245	45,440	100,386	18,277	118,663
Duplexes	41,522	-	41,522	61,599	-	61,599
Apartment houses	45,830	60,691	106,521	118,605	83,071	201,676
Hotels, clubs, restaurants, etc.	129,188	16,611	145,795	13,074	79,028	92,102
Churches and church halls	-	18,512	18,512	6,744	24,277	31,021
Hospitals and sanatoria	509,973	56,917	566,890	57,636	-	57,636
Schools and institutions	-	29,002	29,002	-	42,625	42,625
Office buildings	191,398	59,368	250,761	287,154	250,068	537,222
Stores	-	-	-	133,278	266,461	399,739
Theatres and amusement halls	3,554	11,931	15,485	-	37,300	37,300
Factories, warehouses and storehouses	776,958	691,010	1,467,968	4,201,361	1,008,588	5,209,949
Grain elevators	-	17,903	17,903	-	13,896	13,896
Garages	88,983	15,286	104,269	28,135	8,974	37,109
Service stations	62,452	-	62,452	83,258	142,159	225,418
Mine buildings	11,708	-	11,708	-	-	-
Farm buildings	-	-	-	3,443	1,797	5,240
Aeroplane hangars	949,593	59,963	1,009,556	-	6,893	6,893
Armouries and barracks	8,356,264	251,204	8,607,468	5,005,978	424,961	5,430,939
Buildings, unable to specify	751,647	396,826	1,148,473	885,325	491,052	1,376,377
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	1,295,016	234,346	1,519,362	805,548	57,024	862,572
Gravel or stone surfaced streets, highways, etc.	460,714	1,311,529	1,772,243	110,846	66,375	177,721
Dirt or clay roads	-	476,868	476,868	-	78,672	78,672
Grading, scraping, oiling, filling, etc.	101,807	23,544	125,351	-	75,494	75,494
Sidewalks	-	8,285	8,285	55,029	12,471	67,500
Roadside maintenance and area improvement	3,242	18,793	22,035	88,542	4,366	92,908
Bridges, viaducts, all types	124,959	306,894	431,853	300	7,312	7,612
Subways, overhead crossings, etc.	-	-	-	-	786	786
Culverts	1,210	-	1,210	8,361	257	8,618
Watermains and connections	170,717	99,236	269,953	-	125,587	125,587
Sewers and connections	32,167	3,094	35,261	-	4,694	4,694
Storm sewers	768	-	768	450	531	981
Dams and reservoirs	10,875	-	10,875	-	-	-
Tile drains, drainage ditches and open sewers	3,300	3,507	6,807	18,177	4,655	22,832

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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 1940 and 1941 - Concluded.

	1940			1941		
	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)	5,674	679	6,353	26,178	1,315	27,493
Guard rails	-	-	-	131	259	390
Signs	474	6,283	6,757	1,748	1,182	2,930
Zone painting	-	15,757	15,757	1,380	549	1,929
Transmission lines and towers	158,719	39,571	198,290	-	115,347	115,347
Railway (steam) construction work	-	-	-	168,906	-	168,906
Aerodromes or landing fields	3,008,167	12,462	3,020,629	2,771,685	-	2,771,685
Park systems (including grounds and walks)	849	6,499	7,348	17,011	20,636	37,647
Telephone and telegraph lines	-	15,000	15,000	-	-	-
Engineering, unable to specify	1,736,871	113,788	1,850,659	4,242,590	606,164	4,849,754
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers & breakwaters	1,504,135	239,877	1,744,012	2,069,295	508,488	2,577,783
Retaining walls, embankments and ripraping	21,160	2,882	24,042	19,120	12,908	32,028
Canals and waterways	-	1,712	1,712	-	2,775	2,775
Dredging	-	77,233	77,233	-	103,582	103,582
Pile driving	-	-	-	34,306	-	34,306
Works, unable to specify	481,787	6,670	488,457	339,283	6,643	345,926
<u>Trade Construction</u>						
Bricklaying	8,714	8,400	17,114	-	10,342	10,342
Carpentry work	3,369	68,461	91,830	5,576	99,713	105,389
Concreting and cement work	-	2,846	2,846	-	2,255	2,255
Electrical work	36,332	123,294	159,626	66,032	173,624	239,656
Elevators, service	-	-	-	-	40,489	40,489
Excavating	23,788	-	23,788	-	311	311
Flooring	-	3,874	3,874	-	6,267	6,267
Glass and glazing	-	25,214	25,214	-	-	-
Lathing, plastering and stucco	5,511	2,215	7,726	7,115	2,939	10,054
Painting and decorating	5,930	150,833	156,763	13,640	200,710	214,350
Plumbing, heating and sanitary engineering	156,329	423,435	579,764	1,120,094	539,524	1,659,618
Roofing, all other	-	23,769	23,769	-	19,334	19,334
Sheet metal work other than roofing	94,406	-	94,406	-	12,774	12,774
Sprinkler installation	-	-	-	42,198	-	42,198
Structural steel work	-	-	-	259,504	-	259,504
Tiling, marble and terrazzo	-	-	-	1,023	-	1,023
Weatherstripping and insulation	-	965	965	-	-	-
Trades, unable to specify	188,352	104,614	292,966	344,323	43,901	388,224
TOTAL VALUE OF WORK PERFORMED	22,613,827	6,023,577	28,637,404	26,813,958	6,339,933	33,152,991

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	1,023,480	345,068	1,368,548	3,188,590	455,656	3,644,246
Dwellings, semi-detached or double	25,195	20,245	45,440	100,386	18,277	118,663
Duplexes	41,522	-	41,522	61,599	-	61,599
Apartment houses	45,830	60,691	106,521	118,605	83,071	201,676
Hotels, clubs and restaurants, etc.	129,188	16,611	145,799	10,677	79,028	89,705
Churches and church halls	-	18,512	18,512	6,744	24,277	31,021
Hospitals and sanatoria	373,274	21,718	394,992	-	-	-
Schools, institutions, etc.	-	29,002	29,002	-	36,327	36,327
Office buildings	187,499	42,047	229,546	255,726	192,647	448,373
Stores	-	-	-	133,278	266,461	399,739
Theatres and amusement halls	3,554	11,931	15,485	-	37,300	37,300
Factories, warehouses and storehouses	683,559	566,254	1,249,813	4,127,710	877,020	5,004,730
Garages	88,638	6,982	95,620	25,981	8,877	34,858
Service stations	62,452	-	62,452	83,259	142,159	225,418
Mine buildings	11,708	-	11,708	-	-	-
Farm buildings	-	-	-	3,443	1,116	4,559
Aeroplane hangars	949,593	59,963	1,009,556	-	6,893	6,893
Armouries and barracks	-	-	-	3,273,025	-	3,273,025
Buildings, unable to specify	780,881	389,774	1,170,655	899,539	353,300	1,252,839

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

NOVA SCOTIA

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1940 and 1941 - Concluded.

	1940			1941		
	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.	1,100,871	-	1,100,871	778,781	-	778,781
Gravel or stone surfaced streets, highways, etc.	-	-	-	98,660	-	98,660
Watermain and connections	31,873	-	31,873	-	-	-
Dams and reservoirs	8,139	-	8,139	-	-	-
Railway (steam) construction work	-	-	-	168,906	-	168,906
Aerodromes or landing fields	3,004,866	-	3,004,866	2,771,685	-	2,771,685
Engineering, unable to specify	2,098,267	142,764	2,241,031	3,654,899	493,932	4,148,831
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	1,494,460	97,634	1,592,094	2,037,786	310,823	2,348,609
Pile driving	-	-	-	34,306	-	34,306
Works, unable to specify	496,879	6,670	503,549	335,613	17,117	352,730
<u>Trade Construction</u>						
Bricklaying	8,714	8,400	17,114	-	10,342	10,342
Carpentry work	3,369	88,461	91,830	5,576	99,713	105,289
Concreting and cement work	-	2,846	2,846	-	2,255	2,255
Electrical work	36,332	123,294	159,626	66,032	173,624	239,656
Elevators, service	-	-	-	-	40,489	40,489
Excavating	23,788	-	23,788	-	311	311
Flooring	-	3,874	3,874	-	6,267	6,267
Glass and glazing	-	25,214	25,214	-	-	-
Lathing, plastering and stucco	5,611	2,215	7,726	7,115	2,939	10,054
Painting and decorating	5,930	150,833	156,763	13,640	200,710	214,350
Plumbing, heating and sanitary engineering	156,329	423,435	579,764	1,120,094	539,524	1,659,618
Roofing, all other	-	23,769	23,769	-	19,334	19,334
Sheet metal work, other than roofing	94,406	-	94,406	-	12,774	12,774
Tiling, marble and terrazzo	-	-	-	1,023	-	1,023
Sprinkler installation	-	-	-	42,198	-	42,198
Structural steel work	-	-	-	259,504	-	259,504
Weatherstripping and insulation	-	965	965	-	-	-
Trades, unable to specify	188,352	104,614	292,966	344,323	43,901	388,224
TOTAL VALUE OF WORK PERFORMED	13,164,459	2,793,786	15,958,245	24,028,703	4,556,464	28,585,167

Table 28. - Description, Classification and Value of Work Performed in Nova Scotia by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Bricklaying</u>	\$	\$	\$	\$	\$	\$
Bricklaying	21,816	2,595	24,411	-	-	-
Carpentry work	22,034	-	22,034	-	-	-
Electrical work	83,177	89,414	172,591	388,877	132,596	521,473
Flooring	-	-	-	29,195	-	29,195
Glass and glazing	12,307	-	12,307	16,720	-	16,720
Lathing, plastering and stucco	112,730	11,114	123,844	92,174	-	92,174
Painting and decorating	9,104	17,559	26,663	145,373	18,586	163,959
Plumbing, heating and sanitary engineering	897,217	131,781	1,028,998	1,366,660	186,100	1,552,760
Roofing, sheet metal	-	-	-	-	17,412	17,412
Roofing, all other	63,801	-	63,801	65,708	34,456	100,164
Sheet metal work, other than roofing	83,677	-	83,677	62,588	-	62,588
Structural steel work	58,525	-	58,525	-	-	-
Tiling, marble and terrazzo	68,914	-	68,914	62,921	-	62,921
Work, unable to specify	532,876	128,838	661,714	3,542,882	127,617	3,670,499
TOTAL VALUE OF WORK PERFORMED	1,966,178	381,301	2,347,479	5,773,098	516,767	6,289,865

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

NOVA SCOTIA

Table 29. - Description, Classification and Value of Work Performed in Nova Scotia by Municipalities, Harbour Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings	740	616	1,356	-	13,195	13,195
Office buildings	3,899	17,316	21,215	31,428	57,421	88,849
Warehouses and storehouses	93,399	124,756	218,155	73,651	131,568	205,219
Garages	345	8,304	8,649	2,154	97	2,251
Elevators, grain	-	17,903	17,903	-	13,896	13,896
Farm buildings	-	-	-	-	681	681
Armouries and barracks	8,193,022	239,623	8,432,645	1,732,953	424,961	2,157,914
Hospitals and sanatoria	136,699	35,199	171,898	12,280	32,244	44,524
Hotels, clubs and restaurants, etc.	-	-	-	2,397	-	2,397
Schools, institutions, etc.	-	-	-	-	6,298	6,298
All other buildings and structures	134,008	18,633	152,641	31,142	105,508	136,650
Hard surfaced or paved streets, highways, etc.	194,145	215,469	409,614	26,767	45,545	72,312
Gravel and stone surfaced streets, highways, etc.	215,414	1,311,529	1,526,943	12,186	66,875	79,061
Dirt or clay roads	916	476,868	477,784	-	78,672	78,672
Grading, scraping, oiling, filling, etc.	17,080	23,544	40,624	6,641	75,494	82,135
Sidewalks	5,006	7,944	12,950	13,288	12,471	25,759
Roadside maintenance and area improvement	3,242	18,793	22,035	88,542	4,366	92,908
Bridges, viaducts, all types	124,959	272,583	397,542	300	7,312	7,612
Subways, overhead crossings, etc.	-	-	-	-	786	786
Culverts	1,210	150	1,360	8,321	257	8,578
Storm sewers	768	-	768	450	531	981
Tile drains, drainage ditches and open sewers	3,300	3,507	6,807	18,177	4,655	22,832
Fencing (excluding temporary snow fencing)	4,002	679	4,681	11,917	944	12,761
Guard rails	-	-	-	131	259	390
Signs	474	6,283	6,757	1,748	1,182	2,930
Zone painting	-	15,757	15,757	1,380	549	1,929
Water mains and connections	138,844	94,958	233,802	113,380	125,587	238,967
Sewers and connections	26,863	3,094	29,957	63,849	4,594	58,543
Reservoirs	2,208	3,896	6,104	-	4,672	4,672
Pole or distribution lines, electric	17,489	10,367	27,856	14,134	37,863	51,997
Docks, wharves, piers, breakwaters	9,675	142,243	151,918	31,509	197,665	229,174
Retaining walls and riprappling	6,068	2,882	8,950	10,620	10,651	21,271
Canals and waterways	-	1,436	1,436	-	2,775	2,775
Water control or dams	528	-	528	-	-	-
Aerodromes or landing fields	3,301	11,899	15,200	-	1,200	1,200
Dredging	-	77,233	77,233	12,170	95,365	107,535
Park systems (including grounds and walks)	849	6,499	7,348	17,011	20,536	37,647
Telephone and telegraph lines	-	15,000	15,000	110,831	35,900	146,731
Works, unable to specify	110,915	44,828	155,743	345,898	159,894	505,792
TOTAL VALUE OF WORK PERFORMED	9,449,368	3,229,791	12,679,159	2,785,255	1,782,569	4,567,824

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

NOVA SCOTIA

Table 30.- Cost of Materials Used in Nova Scotia by Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940	1941
	Cost Value	Cost Value
	\$	\$
Lumber and timber, rough and dressed	2,684,686	673,363
Lumber and timber, creosoted or chemically treated	93,170	16,222
Piling, wood (including treated piling)	7,520	7,862
Piling, other	539	20,677
Posts, wood	5,734	4,382
Posts, steel	316	-
Posts, other	-	1,200
Iron and steel shapes	20,128	2,156
Iron and steel forms	-	134,601
Iron and steel reinforcing	84,738	51,437
Hydrants	2,682	7,023
Manhole covers and frames	3,960	3,852
Pipe, metal	106,374	76,602
Pipe, concrete	209,850	32,019
Pipe, vitrified clay, etc.	14,784	7,483
Culverts	2,624	3,135
Rope or cable, wire	10,574	14,798
Rope, other	2,297	6,380
Wire netting or mesh	634	489
Electric light standards	-	182,995
Electrical supplies	28,656	135,685
Plumbing and shop supplies	417,072	11,887
Lead and lead pipe	3,231	61,276
Pipe fittings	17,779	17,372
Valves	571,366	276,220
Hardware	771,001	72,566
Paint and painters' supplies	144,054	16,245
Explosives	17,419	4,853
Fencing materials (not to include posts)	11,258	372
Signs, metal	9,584	947
Brick	25,996	14,725
Stone, crushed and all other	50,812	20,542
Gravel	24,944	71,740
Sand	51,021	12,894
Cement	86,477	49,397
Concrete, ready mix	910	5,262
Bituminous materials (not including oil)	256,060	25,334
Calcium chloride, salt and other chemicals	77,802	22,911
Oil, for road construction	1,845	3,765
Borrow pits, earth fill, cinders, etc.	2,099	1,878
Roofing materials	159,019	58,004
All other materials (unable to classify)	746,067	194,804
TOTAL COST OF MATERIALS	6,725,082	2,325,415

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

NEW BRUNSWICK

Table 31. - Principal Statistics of the Construction Industry in New Brunswick in 1940 and 1941.

	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>1940</u>							
General and Trade Contractors and Subcontractors	235	2,135	2,369,251	4,291,870	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
<u>1941</u>							
General and Trade Contractors and Subcontractors	266	3,633	4,580,540	8,185,742	12,052,352	1,829,843	13,882,195
Municipalities	9	197	191,051	106,015	76,656	235,753	312,409
The Harbours Board, Provincial and Dominion Government Departments	5	2,552	2,223,121	1,728,675	2,543,505	1,812,755	4,356,260
Totals	280	6,382	6,994,712	10,020,432	14,672,513	3,878,351	18,550,864

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	267,111	85,812	352,923	248,391	173,720	422,111
Dwellings, semi-detached or double	-	27,127	27,127	56,257	50,604	106,861
Duplexes	-	-	-	-	19,508	19,508
Apartment houses	-	52,316	52,316	15,819	55,311	71,130
Hotels, clubs, restaurants, etc.	-	26,934	26,934	-	12,656	12,656
Churches and church halls	-	9,040	9,040	-	33,684	33,684
Hospitals and sanatoria	-	-	-	309,477	-	309,477
Schools, institutions, etc.	-	25,350	25,350	-	28,073	28,073
Office buildings	146,765	95,853	242,618	-	71,493	71,493
Stores	-	36,804	36,804	48,913	67,866	116,779
Factories, warehouses and storehouses	249,134	104,089	353,223	504,437	278,720	783,157
Grain elevators	-	10,515	10,515	-	7,350	7,350
Garages	-	655	655	17,173	50,506	67,679
Service stations	36,952	-	36,952	17,002	-	17,002
Farm buildings	4,436	-	4,436	-	-	-
Armouries and barracks	3,234,048	73,409	3,307,457	6,301,642	169,192	6,470,834
Buildings, unable to specify	802,284	196,916	999,200	769,770	102,410	872,180

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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 1940 and 1941. - Concluded.

	1940			1941		
	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.	735,503	46,662	782,165	592,693	77,984	670,677
Gravel or stone surfaced streets, highways, etc.	282,141	784,378	1,066,519	621,217	1,000,241	1,621,458
Dirt or clay roads	-	7,397	7,397	-	5,113	5,113
Grading, scraping, oiling, filling, etc.	-	36,200	36,200	-	15,507	15,507
Sidewalks	21,434	14,984	36,418	47,004	17,959	64,963
Roadside maintenance and area improvement	-	1,000	1,000	-	501	501
Bridges, viaducts, all types	691,779	497,467	1,185,246	674,366	490,111	1,164,477
Subways, overhead crossings, etc.	-	141	141	-	197	197
Culverts	11,349	760	12,109	2,350	118	2,468
Water mains and connections	70,189	79,469	149,658	112,206	82,748	194,954
Sewers and connections	-	14,838	14,838	83,308	16,575	99,883
Storm sewers	-	718	718	-	169	169
Tile drains, drainage ditches and open sewers	-	1,006	1,006	-	2,809	2,809
Dams and reservoirs	-	-	-	-	2,167	2,167
Fencing (excluding temporary snow fencing)	-	192	192	-	1,193	1,193
Signs	200	50	250	250	428	678
Zone painting	-	525	525	-	327	327
Transmission lines and towers	10,820	-	10,820	-	18,408	18,408
Aerodromes or landing fields	1,887,996	-	1,887,996	1,954,820	-	1,954,820
Park systems (including grounds and walks)	-	20,342	20,342	-	13,626	13,626
Telephone and telegraph lines	-	1,293	1,293	-	2,450	2,450
Engineering, unable to specify	565,438	192,703	758,141	536,357	40,058	576,415
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	-	139,042	139,042	-	120,558	120,558
Retaining walls, embankments and riprapping	10,342	313	10,655	3,608	2,484	6,092
Dredging	-	202,679	202,679	-	208,056	208,056
Works, unable to specify	257,227	3,585	260,812	1,228,543	-	1,228,543
<u>Trade Construction</u>						
Bricklaying	-	-	-	-	31,606	31,606
Carpentry work	-	62,030	62,030	-	42,775	42,775
Commercial refrigeration	-	-	-	14,183	-	14,183
Concreting and cement work	-	4,415	4,415	-	5,446	5,446
Electrical work	5,604	47,502	53,106	5,112	70,165	75,277
Excavating	-	1,294	1,294	-	-	-
Lathing, plastering and stucco	-	14,040	14,040	-	12,241	12,241
Painting and decorating	17,900	30,835	98,735	10,773	87,868	98,641
Plumbing, heating and sanitary engineering	157,130	182,480	339,610	279,552	268,212	547,764
Roofing	-	-	-	-	26,461	26,461
Sheet metal work, other than roofing	-	19,720	19,720	47,898	37,534	85,432
Structural steel work	-	-	-	28,702	-	28,702
Tiling, marble and terrazzo	-	-	-	34,770	-	34,770
Trades, unable to specify	246,841	91,325	338,166	105,920	55,163	161,083
TOTAL VALUE OF WORK PERFORMED	9,712,623	3,290,205	13,002,828	14,672,513	3,878,351	18,550,864

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

NEW BRUNSWICK

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	267,111	85,238	352,349	248,391	173,184	421,575
Dwellings, semi-detached or double	-	27,127	27,127	56,257	50,604	106,861
Duplexes	-	-	-	-	19,508	19,508
Apartment houses	-	52,316	52,316	15,819	55,311	71,130
Hotels, clubs, restaurants, etc.	-	26,984	26,984	-	12,656	12,656
Churches and church halls	-	9,040	9,040	-	33,684	33,684
Hospitals and sanatoria	-	-	-	309,477	-	309,477
Schools, institutions, etc.	-	25,350	25,350	-	28,073	28,073
Office buildings	-	92,651	92,651	-	71,343	71,343
Stores	-	36,804	36,804	49,913	67,866	116,779
Factories, warehouses and storehouses	245,952	69,072	315,024	498,446	266,049	764,495
Garages	-	655	655	16,606	17,466	34,072
Service stations	36,952	-	36,952	17,002	-	17,002
Farm buildings	4,436	-	4,436	-	-	-
Armouries and barracks	-	-	-	5,092,875	-	5,092,875
Buildings, unable to specify	1,353,097	181,334	1,534,431	758,948	95,315	864,263
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	585,801	29,202	615,003	498,708	-	498,708
Gravel or stone surfaced streets, highways, etc.	-	-	-	199,191	-	199,191
Bridges, viaducts, all types	31,618	-	31,618	-	-	-
Watermains and connections	50,864	-	50,864	77,796	-	77,796
Sewers and connections	-	-	-	78,499	-	78,499
Aerodromes or landing fields	1,887,996	-	1,887,996	1,954,820	-	1,954,820
Engineering, unable to specify	629,623	265,343	893,966	438,238	115,263	553,501
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify	239,818	166,396	406,214	1,205,456	186,050	1,391,506
<u>Trade Construction</u>						
Bricklaying	-	-	-	-	31,606	31,606
Carpentry work	-	62,030	62,030	-	42,775	42,775
Commercial refrigeration	-	-	-	14,183	-	14,183
Concreting and cement work	-	4,415	4,415	-	5,446	5,446
Electrical work	5,604	47,502	53,106	5,112	70,165	75,277
Lathing, plastering and stucco	-	14,040	14,040	-	12,241	12,241
Painting and decorating	17,900	80,835	98,735	10,773	87,868	98,641
Plumbing, heating and sanitary engineering	157,130	182,480	339,610	279,552	268,212	547,764
Roofing, all other	-	-	-	-	26,461	26,461
Sheet metal work other than roofing	-	19,720	19,720	47,898	37,534	85,432
Structural steel work	-	-	-	28,702	-	28,702
Tiling, marble and terrazzo	-	-	-	34,770	-	34,770
Trades, unable to specify	246,841	91,825	338,666	105,920	55,163	161,083
TOTAL VALUE OF WORK PERFORMED	5,759,743	1,570,309	7,330,052	12,062,352	1,829,843	13,882,195

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

NEW BRUNSWICK

Table 34. - Description, Classification and Value of Work Performed in New Brunswick by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	\$ 11,405	\$ -	\$ 11,405	\$ -	\$ -	\$ -
Concreting and cement work	7,068	4,742	11,810	19,507	-	19,507
Electrical work	69,333	17,090	86,423	251,069	28,948	280,017
Lathing, plastering and stucco	-	-	-	24,201	-	24,201
Painting and decorating	41,670	4,900	46,570	124,869	13,580	138,449
Plumbing, heating and sanitary engineering	228,696	77,620	306,316	902,095	90,956	993,051
Roofing, all other	-	-	-	82,974	4,575	87,549
Sheet metal work, other than roofing	-	-	-	36,631	-	36,631
Structural steel work	-	-	-	169,430	-	169,430
Tiling, marble and terrazzo	43,143	-	43,143	-	-	-
Work, unable to specify	460,168	72,501	532,769	90,860	50,160	141,020
TOTAL VALUE OF WORK PERFORMED	861,483	176,953	1,038,436	1,701,636	188,219	1,889,855

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings	\$ -	\$ 574	\$ 574	\$ -	\$ 536	\$ 536
Office buildings	20,000	3,202	23,202	298	150	448
Warehouses and storerooms	3,182	35,017	38,199	5,991	12,671	18,662
Garages	-	-	-	567	33,040	33,607
Elevators, grain	-	10,515	10,515	-	7,350	7,350
Armouries and barracks	2,670,000	72,254	2,742,254	1,208,767	169,192	1,377,959
Theatres and amusement halls	-	-	-	-	570	570
All other buildings and structures	140,000	16,737	156,737	524	6,525	7,049
Hard surfaced or paved streets, highways, etc.	149,702	17,460	167,162	93,985	21,696	115,581
Gravel or stone surfaced streets, highways, etc.	216,913	729,676	946,589	422,026	972,506	1,394,532
Dirt or clay roads	-	7,397	7,397	-	5,113	5,113
Grading, scraping, oiling, filling, etc.	5,753	15,936	21,689	2,000	15,507	17,507
Sidewalks	17,477	14,984	32,461	12,004	17,959	29,963
Roadside maintenance and area improvement	-	1,000	1,000	-	501	501
Bridges, viaducts, all types	660,161	493,467	1,153,628	636,867	488,521	1,125,388
Subways, overhead crossings, etc.	-	141	141	-	197	197
Culverts	11,349	760	12,109	850	118	968
Storm sewers	730	718	1,448	500	169	669
Tile drains, drainage ditches and open sewers	-	1,006	1,006	-	2,809	2,809
Fencing (excluding temporary snow fencing)	-	192	192	-	1,193	1,193
Signs	200	50	250	250	428	678
Zinc painting	-	525	525	-	327	327
Watermain and connections	19,325	69,956	89,281	34,410	56,006	90,416
Reservoirs	-	420	420	-	2,167	2,167
Sewers and connections	2,034	12,938	14,972	4,809	16,575	21,381
Pole or distribution lines, electric	8,303	9,030	17,323	1,950	18,408	20,358
Docks, wharves, piers, breakwaters	4,821	111,467	116,288	21,169	107,028	128,197
Retaining walls and ripraping	10,342	313	10,655	3,400	2,484	5,884
Dredging	12,588	67,443	80,031	2,126	35,526	37,662

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Excavating	-	794	794	-	-	-
Park systems (including grounds and walks)	-	20,342	20,342	-	13,626	13,626
Telephone and telegraph lines	-	1,293	1,293	-	2,450	2,450
Works, unable to specify	-	4,299	4,299	167,668	37,150	204,818
TOTAL VALUE OF WORK PERFORMED	3,952,880	1,719,896	5,672,776	2,620,161	2,048,508	4,668,669

Table 36. - Cost of Materials Used in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940		1941	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed	\$	\$		
Lumber and timber, creosoted or chemically treated	980,114	589,708		
Filing, wood (including treated piling)	207,575	244,273		
Filing, steel	7,225	9,285		
Posts, wood	2,338	-		
Posts, wood	14,690	9,800		
Iron and steel shapes	27,255	17,926		
Iron and steel forms	2,359	3,051		
Iron and steel reinforcing	21,253	14,080		
Hydrants	2,551	1,675		
Manhole covers and frames	2,581	3,096		
Pipe, metal	57,012	11,488		
Pipe, concrete	1,380	2,103		
Pipe, vitrified clay, etc.	18,698	12,142		
Culverts	346	-		
Rope or cable, wire	7,323	4,987		
Rope, other	1,446	933		
Wire netting or mesh	1,062	101		
Electrical supplies	96,543	61,402		
Plumbing and shop supplies	149,437	70,684		
Lead and lead pipes	9,355	1,373		
Pipe fittings	35,412	3,956		
Valves	4,582	5,215		
Hardware	121,767	112,033		
Paint and painters' supplies	20,496	19,140		
Explosives	5,920	4,612		
Fencing materials (not to include posts)	3,011	5,272		
Guard rail materials (not to include posts)	1,766	1,180		
Brick	9,835	8,043		
Stone, crushed and all other	50,050	52,033		
Gravel	71,726	63,465		
Sand	22,127	22,704		
Cement	85,755	88,975		
Concrete, ready-mix	-	300		
Bituminous materials (not including oil)	68,606	74,823		
Calcium chloride, salt and other chemicals	17,082	35,570		
Oil, for road construction	3,163	3,470		
Borrow pits, earth fill, cinders, etc.	30,298	200		
Roofing materials	60,734	39,479		
Materials, unable to classify	320,683	236,113		
TOTAL COST OF MATERIALS	2,543,556	1,834,690		

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

QUEBEC

Table 37. - Principal Statistics of the Construction Industry in Quebec in 1940 and 1941.

	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>1940</u>	No.	No.	\$	\$	\$	\$	\$
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	167,653	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	2,648	3,488,323	3,534,175	5,773,367	1,261,527	7,034,894
Totals	2,577	47,041	55,241,020	66,877,923	94,231,903	33,207,093	127,438,996
<u>1941</u>							
General and Trade Contractors and Subcontractors	3,027	45,260	61,563,171	99,462,718	136,796,037	27,076,039	163,872,076
Municipalities	52	2,508	2,725,028	1,276,642	1,770,211	2,311,571	4,081,782
The Harbours Board	5	483	591,152	265,344	155,235	824,250	979,485
Provincial Government Departments	6	7,224	7,393,095	3,430,558	4,800,933	6,143,598	10,944,531
Dominion Government Departments	3	935	1,101,232	871,869	970,211	1,011,602	1,981,813
Totals	3,093	56,410	73,373,678	105,307,131	144,492,637	37,367,060	181,859,687

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	4,382,823	1,101,877	5,484,700	7,076,981	1,419,249	8,496,230
Dwellings, semi-detached or double	2,458,890	493,564	2,952,454	3,094,632	946,680	4,041,312
Duplexes	2,661,263	403,852	3,065,115	4,566,803	612,227	5,179,030
Apartment houses	3,535,081	833,047	4,368,128	4,287,860	858,391	5,146,251
Hotels, clubs, restaurants, etc.	513,119	338,038	851,157	525,257	705,522	1,230,779
Churches and church halls	911,576	213,203	1,124,779	696,498	346,041	1,042,539
Hospitals and sanatoria	1,734,178	277,691	2,011,859	2,157,266	171,587	2,358,853
Schools, institutions, etc.	3,170,728	626,190	3,796,918	3,607,926	817,832	4,425,758
Office buildings	1,573,416	904,843	2,478,259	2,595,543	748,753	3,344,296
Stores	565,632	1,362,514	1,828,146	1,161,660	1,268,008	2,429,668
Theatres and amusement halls	1,570,398	264,677	1,835,075	398,350	218,086	617,236
Factories, warehouses and storehouses	24,589,371	4,013,411	28,601,792	54,992,929	6,120,079	61,112,908
Grain elevators	-	139,834	139,834	-	167,997	167,997
Garages	365,667	199,648	565,315	828,389	332,325	1,160,714
Service stations	123,561	373,569	497,120	133,908	381,643	515,551
Mine buildings	446,030	145,036	593,066	986,929	610,703	1,597,642
Farm buildings	118,122	31,464	149,586	131,579	42,122	173,701
Aeroplane hangars	-	-	-	3,457,472	-	3,457,472
Armouries and barracks	6,526,855	563,915	7,090,770	4,380,998	363,196	4,744,194
Buildings, unable to specify	414,564	1,103,335	1,517,899	185,525	444,525	630,050
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	3,381,900	1,579,769	4,961,669	6,626,889	2,044,211	8,671,100
Gravel or stone surfaced streets, highways, etc.	5,237,817	2,999,265	8,237,082	2,517,602	3,307,735	5,825,337
Dirt or clay roads	754,733	742,522	1,497,255	392,613	511,144	903,757
Grading, scraping, oiling, filling, etc.	474,491	1,808,649	2,283,140	310,503	1,080,270	1,390,773
Sidewalks	128,506	159,759	298,265	164,681	171,621	356,302
Roadside maintenance and area improvement	22,421	676,722	699,143	48,582	450,129	498,711

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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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 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Engineering Construction - Concluded.</u>						
Bridges, viaducts, all types	807,505	329,184	1,136,689	417,822	400,904	818,726
Subways, overhead crossings, etc.	149,689	7,507	156,196	307,023	85,191	392,214
Culverts	323,114	194,785	517,899	139,665	181,058	320,723
Water mains and connections	968,155	554,911	1,523,066	1,340,786	581,350	1,922,136
Sewers and connections	447,674	108,078	555,752	552,513	101,190	652,503
Storm sewers	658,330	127,232	785,562	460,153	123,217	583,440
Tile drains, drainage ditches and open sewers	237,784	48,515	286,299	228,093	33,120	261,213
Dams and reservoirs	1,395,735	205,035	1,600,770	-	289,133	289,133
Fencing (excluding temporary snow fencing)	51,811	7,943	59,754	45,486	6,570	52,056
Guard rails	20,168	18,295	38,460	38,288	22,427	60,715
Signs	36,112	9,208	45,320	104,396	3,541	107,937
Zone painting	31,042	2,393	33,435	9,197	2,445	11,642
Electric stations, power plants, etc.	8,299,558	-	8,299,558	3,704,638	404,900	4,109,538
Transmission lines and towers	3,833,489	719,662	4,553,161	2,857,430	646,400	3,503,830
Railway (steam) construction work	-	160,158	160,158	-	173,110	173,110
Aerodromes or landing fields	957,806	-	957,806	1,783,640	-	1,783,640
Park systems (including grounds and walks)	307,164	238,544	545,708	39,097	93,956	133,053
Underground conduits	-	-	-	425,711	-	425,711
Telephone and telegraph lines	14,450	43,464	57,914	-	28,757	28,757
Gas mains and connections	1,629	-	1,629	-	2,177	2,177
Engineering, unable to specify	1,207,364	1,068,526	2,275,890	15,891,425	406,755	16,298,180
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	234,946	337,500	572,446	327,806	343,246	671,052
Retaining walls, embankments and ripraping	513,355	47,917	561,272	236,079	80,736	316,815
Canals and waterways	15,112	111,391	126,503	21,859	99,455	121,314
Dredging	-	145,594	145,594	-	140,170	140,170
Works, unable to specify	2,532,777	6,708	2,539,485	3,293,288	-	3,293,288
<u>Trade Construction</u>						
Air conditioning	45,416	36,554	81,970	89,865	105,541	195,406
Bricklaying	147,931	192,677	340,608	113,829	107,970	221,799
Carpentry work	56,517	234,259	290,776	76,124	209,246	285,370
Commercial refrigeration	31,695	-	31,695	85,791	-	85,791
Concreting and cement work	98,920	72,733	171,683	232,964	79,185	312,149
Electrical work	288,869	626,805	915,674	456,741	917,758	1,374,499
Elevators, service	-	307,269	307,269	-	323,994	323,994
Excavating	1,413,644	66,487	1,480,131	694,290	61,302	755,592
Flooring	19,029	99,683	118,712	66,370	114,271	180,641
Glass and glazing	99,113	212,298	311,411	96,497	190,034	286,531
Lathing, plastering and stucco	138,093	98,347	236,440	228,580	154,549	383,129
Masonry and stone work	-	38,285	38,285	40,637	22,055	52,692
Ornamental iron work	77,622	59,408	137,030	165,820	50,915	216,735
Painting and decorating	129,785	1,170,440	1,300,225	129,562	1,402,399	1,531,961
Plumbing, heating and sanitary engineering	868,177	2,584,480	3,452,657	1,031,594	3,537,350	4,568,944
Roofing, sheet metal	56,914	178,941	235,855	86,338	176,966	265,304
Roofing, all other	626,900	395,822	1,021,722	209,042	367,692	576,734
Sheet metal work, other than roofing	310,261	240,372	550,633	879,103	438,533	1,317,636
Sprinkler installation	214,044	22,918	236,962	424,304	81,414	505,718
Structural steel work	266,908	318,324	585,232	634,286	64,455	698,741
Tiling, marble and terrazzo	67,583	155,304	222,887	369,565	193,123	562,688
Weatherstripping and insulation	213,687	141,776	355,463	320,452	202,764	523,216
Wrecking and demolition	-	49,976	49,976	-	25,304	25,304
Trades, unable to specify	365,887	154,991	520,887	477,393	149,486	626,879
TOTAL VALUE OF WORK PERFORMED	94,231,903	33,207,093	127,438,996	144,492,627	37,367,060	181,859,687

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

QUEBEC

Table 39.- Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors
(including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	3,881,371	1,064,796	4,953,167	6,720,308	1,340,114	8,060,422
Dwellings, semi-detached or double	2,458,890	493,564	2,952,454	3,094,632	946,680	4,041,312
Duplexes	2,661,263	403,852	3,065,115	4,566,803	612,227	5,179,030
Apartment houses	3,535,081	833,047	4,368,128	4,287,860	858,391	5,146,251
Hotels, clubs, restaurants, etc.	513,119	327,147	840,266	525,257	686,197	1,211,454
Churches and church halls	911,576	213,203	1,124,779	696,498	346,041	1,042,539
Hospitals and sanatoria	1,659,382	277,891	1,937,073	2,187,266	171,587	2,358,853
Schools, institutions, etc.	3,170,728	626,190	3,796,918	3,607,926	817,832	4,425,758
Office buildings	1,406,203	834,367	2,240,570	2,569,460	425,448	3,194,908
Stores	565,632	1,262,514	1,828,146	1,161,660	1,268,008	2,429,668
Theatres and amusement halls	1,501,939	261,092	1,763,031	358,150	192,682	550,832
Factories, warehouses and storehouses	24,504,971	3,804,455	28,309,426	54,899,207	5,891,968	60,791,175
Garages	326,947	142,504	469,451	806,541	296,071	1,102,612
Service stations	123,561	373,569	497,130	133,908	381,643	515,581
Mine buildings	448,030	145,036	593,066	986,939	610,703	1,597,642
Farm buildings	61,348	22,848	84,196	37,079	42,015	79,094
Aeroplane hangars	-	-	-	3,457,472	-	3,457,472
Armouries and barracks	1,333,264	-	1,333,264	3,849,169	67,614	3,916,783
Buildings, unable to specify	298,418	938,835	1,237,253	159,031	151,732	310,763
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	1,535,042	393,338	1,928,380	4,910,798	547,168	5,457,966
Gravel or stone surfaced streets, highways, etc.	3,478,350	441,008	3,919,358	1,259,868	464,593	1,724,461
Dirt or clay roads	153,006	-	153,006	44,538	-	44,538
Grading, scraping, oiling, filling, etc.	236,478	162,729	399,207	201,781	118,165	319,946
Sidewalks	39,505	1,330	40,835	25,719	813	26,532
Bridges, viaducts, all types	674,852	24,595	699,447	274,554	-	274,554
Subways, overhead crossings, etc.	-	-	-	287,976	-	287,976
Culverts	70,430	-	70,430	6,586	-	6,586
Water mains and connections	494,638	22,042	516,680	821,219	41,731	862,950
Sewers and connections	142,588	-	142,588	290,866	2,112	292,978
Dams and reservoirs	1,384,004	-	1,384,004	-	238,302	238,302
Electric stations, power plants, etc.	8,289,058	-	8,289,058	3,704,638	379,872	4,084,510
Transmission lines and towers	3,805,245	521,751	4,326,996	2,811,066	-	2,811,066
Aerodromes or landing fields	957,806	-	957,806	1,783,640	-	1,783,640
Underground conduits	-	-	-	425,568	-	425,568
Engineering, unable to specify	1,215,727	1,208,168	2,423,895	16,035,305	989,257	17,024,562
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers & breakwaters	-	-	-	206,872	-	206,872
Retaining walls, embankments and riprappling	11,700	17,373	29,073	60,272	-	60,272
Works, unable to specify	2,664,036	126,082	2,790,118	3,269,057	53,849	3,322,916
<u>Trade Construction</u>						
Air conditioning	45,416	36,554	81,970	89,865	105,541	195,406
Bricklaying	147,931	192,677	340,608	113,829	107,970	221,799
Carpentry work	56,517	234,259	290,776	76,124	209,246	285,370
Commercial refrigeration	31,695	-	31,695	85,791	-	85,791
Concreting and cement work	98,920	72,733	171,653	232,964	79,185	312,149
Electrical work	288,869	626,805	915,674	456,741	917,758	1,374,499
Elevators, service	-	307,269	307,269	-	323,994	323,994
Excavating	34,567	-	34,567	-	18,220	18,220
Flooring	19,029	99,683	118,712	66,370	114,271	180,641

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

QUEBEC

Table 39. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Trade Construction - Concluded</u>						
Glass and glazing	99,113	212,298	311,411	96,497	190,034	286,531
Lathing, plastering and stucco	138,093	98,347	236,440	238,580	154,549	383,129
Masonry and stone work	-	38,285	38,285	40,637	22,055	62,692
Ornamental iron work	77,622	59,408	137,030	165,820	50,915	216,735
Painting and decorating	129,785	1,170,440	1,300,225	129,562	1,402,399	1,531,961
Plumbing, heating and sanitary engineering	868,177	2,584,480	3,452,657	1,031,594	3,537,350	4,568,944
Roofing, sheet metal	56,914	178,941	235,855	88,338	176,966	265,304
Roofing, all other	625,900	395,822	1,021,722	209,042	367,692	576,734
Sheet metal work, other than roofing	310,261	240,372	550,663	879,103	438,533	1,317,636
Sprinkler installation	214,044	22,918	236,962	424,304	81,414	505,718
Structural steel work	266,908	318,324	585,232	634,286	64,455	698,741
Tiling, marble and terrazzo	67,583	155,304	222,887	369,565	193,123	562,688
Weatherstripping and insulation	213,687	141,776	355,463	320,452	202,764	523,216
Wrecking and demolition	-	49,976	49,976	-	25,304	25,304
Trades, unable to specify	365,887	166,716	532,603	531,074	149,486	680,560
TOTAL VALUE OF WORK PERFORMED	78,678,106	22,346,513	101,024,619	136,796,037	27,076,039	163,872,076

Table 40. - Description, Classification and Value of Work Performed in Quebec by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Air conditioning</u>						
Air conditioning	157,373	42,048	199,421	206,569	24,981	231,550
Bricklaying	500,503	117,860	618,363	724,109	162,627	886,736
Carpentry work	363,536	28,583	392,119	372,560	100,127	472,687
Concreting and cement work	614,971	55,152	870,123	1,074,371	159,420	1,233,791
Electrical work	2,896,495	557,530	3,454,025	4,600,165	466,594	5,066,759
Elevators, service	194,195	-	194,195	166,310	-	166,310
Excavating	488,565	-	488,565	558,090	9,578	567,768
Flooring	259,270	102,612	361,882	638,944	147,290	786,234
Glass and glazing	273,352	151,010	424,362	628,352	519,548	1,147,900
Lathing, plastering and stucco	908,379	179,559	1,087,938	1,114,011	185,106	1,299,117
Masonry and stone work	123,085	18,085	141,170	339,415	55,075	394,490
Ornamental iron work	533,356	66,156	599,512	528,519	63,350	581,889
Painting and decorating	347,601	312,496	660,097	587,257	538,767	1,126,024
Plumbing, heating and sanitary engineering	3,741,505	944,019	4,685,524	7,250,315	908,221	8,158,536
Roofing, sheet metal	255,405	64,976	320,381	569,509	62,555	632,064
Roofing, all other	649,973	295,333	945,306	764,133	334,452	1,098,585
Sheet metal work (other than roofing)	859,681	132,509	992,190	1,284,241	240,534	1,524,775
Sprinkler installation	323,873	-	323,873	279,127	13,164	292,291
Street and highway work	142,626	-	142,626	117,255	-	117,255
Structural steel work	-	155,493	155,493	-	174,627	174,627
Tiling, marble and terrazzo	1,100,874	115,688	1,216,562	878,129	133,084	1,011,213
Weatherstripping and insulation	233,562	82,656	316,218	456,627	122,758	579,385
Wrecking and demolition	-	59,739	59,739	-	55,512	55,512
Pile driving	51,731	17,612	69,343	-	-	-
Work, unable to specify	10,458,374	219,863	10,678,237	17,001,308	411,337	17,412,645
TOTAL VALUE OF WORK PERFORMED	25,678,285	3,718,979	29,397,264	40,139,316	4,878,807	45,018,123

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

QUEBEC

Table 41. - Description, Classification and Value of Work Performed in Quebec, by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings	494,452	37,081	531,533	356,673	79,135	435,808
Office buildings	167,213	70,476	237,689	26,083	123,305	149,388
Warehouses or storehouses	83,400	208,956	292,356	93,622	228,111	321,733
Garages	38,720	57,144	95,864	21,848	36,254	58,102
Elevators, grain	-	139,684	139,684	-	157,995	157,995
Hospitals and sanatoria	74,796	-	74,796	-	-	-
Hotels, clubs and restaurants	-	10,891	10,891	-	19,325	19,325
Theatres and amusement halls	68,459	3,585	72,044	40,200	26,204	66,404
Farm buildings	56,774	8,616	65,390	94,500	107	94,607
Armouries and barracks	5,193,591	455,303	5,648,894	531,829	295,582	827,411
All other buildings and structures	116,146	273,262	389,408	26,494	302,795	329,289
Hard surfaced or paved streets, highways, etc.	1,846,858	1,186,431	3,033,289	1,716,091	1,497,043	3,213,134
Gravel or stone surfaced streets, highways, etc.	1,759,467	2,558,257	4,317,724	1,257,734	2,843,142	4,100,876
Dirt or clay roads	601,727	624,251	1,225,978	348,075	507,935	856,010
Grading, scraping, oiling, filling, etc.	238,013	1,645,920	1,883,933	108,722	962,105	1,070,827
Sidewalks	89,001	158,429	247,430	139,962	170,808	309,770
Roadside maintenance and area improvement	22,421	676,722	699,143	48,582	450,129	498,711
Bridges, viaducts, all types	132,653	304,589	437,242	143,268	274,099	417,367
Subways, overhead crossings, etc.	115,632	7,507	123,139	19,047	83,347	102,394
Culverts	252,684	194,785	447,469	133,079	179,658	312,737
Storm Sewers	531,241	123,652	654,893	103,182	118,287	221,469
Tile drains, drainage ditches and open sewers	237,784	48,515	286,299	228,093	33,120	261,213
Fencing (excluding temporary snow fencing)	40,610	7,943	48,553	33,530	6,570	40,100
Guard rails	20,165	18,295	38,460	38,288	22,427	60,715
Signs	36,112	9,208	45,320	104,396	3,541	107,937
Zone painting	21,042	2,393	23,435	9,197	2,445	11,642
Watermains and connections	473,517	532,869	1,006,386	519,567	539,619	1,069,186
Reservoirs	9,169	18,233	28,402	32,808	4,521	37,329
Sewers and connections	305,086	93,793	398,879	261,447	99,078	360,525
Electric stations and power plants	10,500	15,632	26,132	-	25,028	25,028
Pole or distribution lines, electric	28,244	197,911	226,155	46,364	80,171	126,535
Docks, wharves, piers and breakwaters	73,615	220,126	293,741	120,934	299,465	420,399
Retaining walls and riprappling	501,655	30,544	532,199	175,807	74,655	250,462
Canal reaches	-	33,703	33,703	1,565	30,825	32,390
Canal locks	-	68,387	68,387	2,499	61,639	64,138
Canal gates	13,212	9,301	22,513	12,395	6,604	18,999
Water control or dams	2,562	53,227	55,789	-	46,310	46,310
Dredging	31,972	143,594	175,566	29,621	136,570	166,191
Excavating	1,379,077	54,762	1,433,839	640,609	43,082	683,691
Park systems (including grounds and walks)	269,871	238,544	508,415	36,107	93,741	129,848
Underground conduits	-	-	-	143	174	317
Railway (steam) construction work	-	149,063	149,063	77,591	172,665	250,256
Telephone and telegraph lines	13,348	43,464	56,812	1,258	23,920	25,178
Gas mains and connections	1,629	-	1,629	15,884	2,177	18,061
Works, unable to specify	201,379	124,532	325,911	100,496	127,308	227,804
TOTAL VALUE OF WORK PERFORMED	15,553,797	10,860,580	26,414,377	7,696,590	10,291,021	17,987,611

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

QUEBEC

Table 42. - Cost of Materials Used in Quebec by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940	1941
	Cost Value	Cost Value
	\$	\$
Lumber and timber, rough and dressed	2,249,045	1,076,968
Lumber and timber, creosoted or chemically treated	154,809	75,261
Piling, wood (including treated piling)	617	3,379
Piling, steel	5,404	1,696
Piling, other	34,236	4,460
Posts, wood	45,987	19,655
Posts, steel	5,402	2,410
Posts, other	1,435	2,130
Iron and steel shapes	62,684	71,682
Iron and steel forms	20,535	14,682
Iron and steel reinforcing	164,010	114,834
Hydrants	22,761	23,271
Manhole covers and frames	23,459	26,001
Pipe, metal	194,384	265,832
Pipe, concrete	136,563	65,351
Pipe, vitrified clay, etc.	58,431	51,441
Culverts	11,801	70,634
Rope or cable, wire	27,849	25,533
Rope, other	4,888	11,791
Wire netting or mesh	14,309	101,264
Electric light standard	10,222	4,080
Electrical supplies	449,073	130,548
Plumbing and shop supplies	296,079	84,208
Lead and lead pipe	41,639	38,319
Pipe fittings	70,380	35,795
Valves	22,030	28,345
Hardware	565,325	302,454
Paint and painters' supplies	99,974	71,565
Explosives	47,080	36,551
Fencing materials (not to include posts)	44,337	15,529
Guard rail materials (not to include posts)	5,044	5,072
Signs, metal	45,777	105,647
Brick	38,579	19,533
Stone, crushed and all other	458,183	273,799
Paving blocks	2,111	2,705
Gravel	407,572	393,104
Sand	128,943	92,293
Cement	481,183	532,189
Concrete, ready mix	4,881	13,870
Bituminous materials (not including oil)	471,766	1,044,598
Calcium chloride, salt and other chemicals	284,419	282,620
Oil, for road construction	647,573	21,762
Borrow pits, earth fill, cinders, etc.	32,853	46,482
Roofing materials	142,623	60,443
All other materials, unable to classify	644,779	184,657
TOTAL COST OF MATERIALS USED	8,681,034	5,844,413

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ONTARIO

Table 43. - Principal Statistics of the Construction Industry in Ontario in 1940 and 1941.

	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
1940	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors	6,127	43,730	55,454,403	97,976,867	120,226,338	40,067,003	160,293,331
Municipalities	126	4,928	5,356,867	3,434,082	3,263,864	6,180,557	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
1941							
General and Trade Contractors and Subcontractors	6,949	55,908	80,541,188	142,001,619	183,347,342	51,224,878	234,572,220
Municipalities	139	4,972	5,707,198	3,715,530	3,210,818	7,048,378	10,259,196
Provincial Government Departments	3	5,024	4,701,163	4,727,772	2,688,410	8,140,366	10,828,776
The Harbours Board	3	86	101,944	59,307	4,451	158,859	163,310
Dominion Government Departments	5	2,236	2,777,612	2,562,051	3,285,161	2,130,102	5,415,263
Totals	7,099	68,226	93,829,105	153,067,279	192,536,182	68,702,583	261,238,765

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	19,652,342	2,729,609	22,381,951	32,171,898	3,712,522	35,884,420
Dwellings, semi-detached or double	1,019,176	151,457	1,170,633	1,140,923	244,267	1,385,190
Duplexes	403,128	231,977	635,105	544,984	290,496	835,480
Apartment houses	1,945,726	458,605	2,404,331	1,492,427	783,552	2,275,979
Hotels, clubs, restaurants, etc.	527,033	642,106	1,169,139	1,649,425	615,784	2,265,209
Churches and church halls	362,878	151,189	514,067	337,293	118,379	455,672
Hospitals and sanatoria	1,687,619	174,082	1,861,701	657,989	286,329	944,318
Schools, institutions, etc.	2,707,691	316,911	3,024,602	1,159,873	544,621	1,704,494
Office buildings	4,522,716	1,142,999	5,665,715	2,615,205	1,708,406	4,323,611
Stores	2,280,486	2,051,201	4,331,687	2,050,390	2,712,548	4,762,938
Theatres and amusement halls	493,253	194,366	692,619	744,882	242,560	987,442
Factories, warehouses and storehouses	23,271,524	6,842,401	30,113,925	55,652,287	10,000,525	65,652,812
Elevators, grain	2,705,864	240,207	2,946,071	3,055,172	329,918	3,385,090
Garages	612,838	211,732	824,570	621,910	189,528	811,438
Service stations	577,479	670,753	1,248,232	186,536	822,985	1,009,521
Mine buildings	3,164,608	333,815	3,498,423	5,291,254	176,904	5,468,158
Farm buildings	593,024	204,196	797,220	607,172	276,597	883,769
Armouries and barracks	12,707,477	560,587	13,268,064	9,618,220	714,913	10,333,133
Aeroplane hangars	3,602,784	-	3,602,784	3,003,207	190,478	3,193,685
Radio stations	39,333	-	39,333	32,790	-	32,790
Buildings, unable to specify	176,250	201,202	377,452	51,288	89,384	140,672

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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 1940 and 1941 - Continued.

	1940			1941		
	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.	8,101,854	3,244,134	11,345,988	6,541,760	5,260,542	11,802,302
Gravel or stone surfaced streets, highways, etc.	5,163,283	2,777,205	7,940,488	5,743,100	4,698,103	10,441,203
Dirt or clay roads	172,472	152,847	325,319	2,004,210	165,217	2,169,427
Grading, scraping, oiling, filling, etc.	2,555,650	2,376,705	4,932,355	4,320,293	2,511,763	6,832,056
Sidewalks	179,144	241,626	420,770	312,242	278,607	590,849
Roadside maintenance and area improve- ment	62,707	762,311	825,018	40,928	901,454	942,382
Bridges, viaducts, all types	1,546,717	390,675	1,937,392	2,600,763	593,295	3,194,058
Subways, overhead crossings, etc.	336,605	3,340	339,945	216,824	16,291	233,115
Culverts	346,024	158,989	505,013	357,026	161,294	518,320
Water mains and connections	1,452,261	665,984	2,118,245	1,927,846	685,039	2,612,885
Sewers and connections	1,457,965	312,948	1,770,913	1,692,177	914,347	2,606,524
Storm sewers	365,627	42,536	408,163	247,056	122,076	369,132
Tile drains, drainage ditches and open sewers	158,937	172,193	331,130	187,718	226,973	414,691
Dams and reservoirs	-	99,843	99,843	664,759	61,722	726,481
Fencing (excluding temporary snow fencing)	485,700	23,776	509,476	302,690	29,899	332,589
Guard rails	169,827	98,894	268,721	109,669	120,059	229,728
Signs	49,724	146,392	195,116	20,937	177,522	198,459
Zone painting	15,662	145,111	160,773	1,974	154,780	156,754
Electric stations, power plants, etc.	8,238,545	3,187,167	11,425,712	-	-	-
Transmission lines and towers	4,568,222	228,064	4,796,286	4,370,829	295,393	4,666,222
Railway (steam) construction work	53,803	-	53,803	223,421	66,224	289,645
Aerodromes or landing fields	7,192,002	97,659	7,289,661	5,863,814	176,790	6,039,604
Park systems, (including grounds and walks)	119,741	1,021,105	1,140,846	29,510	1,086,862	1,116,372
Telephone and telegraph lines	41,351	21,232	62,583	10,652	19,484	30,136
Installation of machinery	570,523	-	570,523	-	8,286	8,286
Engineering, unable to specify	1,917,802	599,094	2,516,896	17,571,887	4,453,740	22,025,627
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	305,907	128,756	434,663	-	302,437	302,437
Retaining walls, embankments and riprapping	106,382	68,787	175,169	-	68,154	68,154
Canals and waterways	-	190,357	190,357	4,627	200,813	205,440
Dredging	114,310	380,874	495,184	305,171	105,719	410,890
Pile driving	84,558	4,408	88,966	46,580	-	46,580
Works, unable to specify	752,526	721,439	1,473,965	723,568	654,514	1,378,082
<u>Trade Construction</u>						
Air conditioning	364,875	104,447	469,322	335,487	100,658	436,145
Bricklaying	163,533	272,269	435,802	393,185	384,933	778,118
Carpentry work	491,234	1,281,447	1,772,681	429,583	1,080,423	1,510,006
Commercial refrigeration	227,693	55,745	283,438	316,603	107,854	442,457
Concreting and cement work	164,729	273,113	437,842	521,561	471,543	993,104
Electrical work	963,549	1,810,052	2,773,601	1,250,707	2,581,637	3,832,344
Elevators, service	290,540	522,073	812,613	482,575	730,113	1,212,688
Excavating	161,191	24,277	185,468	161,195	37,157	198,352
Flooring	55,873	128,182	184,055	74,881	170,578	245,459
Glass and glazing	87,671	177,952	265,623	68,517	141,238	209,755
Lathing, plastering and stucco	255,588	410,620	666,208	256,229	438,431	694,660
Masonry and stone work	34,971	76,507	111,478	49,663	67,070	116,933
Ornamental iron work	34,282	40,294	74,576	33,480	58,155	91,635
Painting and decorating	357,122	2,808,363	3,165,485	474,223	3,290,050	3,764,273

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Plumbing, heating and sanitary engineering	3,283,323	6,190,734	9,474,057	3,783,000	6,514,575	10,297,575
Roofing, sheet metal	126,122	489,681	615,803	151,542	675,346	826,888
Roofing, all other	378,366	1,032,957	1,411,223	536,016	1,200,990	1,737,006
Sheet metal work, other than roofing	395,364	906,325	1,301,689	549,645	1,101,877	1,651,522
Sprinkler installation	127,835	40,110	167,945	160,321	8,824	169,145
Structural steel work	-	20,059	20,059	-	-	-
Tiling, marble and terrazzo	161,311	197,766	359,077	176,724	225,001	401,725
Weatherstripping and insulation	107,677	375,201	482,878	254,178	488,441	742,619
Wrecking and demolition	-	121,031	121,031	-	191,215	191,215
Trade, unable to specify	944,770	50,750	995,520	2,949,511	69,379	3,018,890
TOTAL VALUE OF WORK PERFORMED	138,920,679	53,383,701	192,304,380	192,536,182	68,702,583	261,238,765

Table 45. - Description, Classification and Value of Work Performed in Ontario by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	\$	\$	\$	\$	\$	\$
Bricklaying	389,350	77,441	466,691	536,115	147,512	683,727
Carpentry work	624,154	65,062	689,216	968,044	84,260	1,052,304
Commercial refrigeration	413,075	61,053	474,128	531,646	90,054	621,700
Concreting and cement work	16,497	-	16,497	-	-	-
Electrical work	541,278	62,198	603,476	700,629	68,886	769,515
Elevators, services	2,509,768	963,388	3,473,156	4,605,086	581,005	5,186,071
Excavating	403,648	1,760	405,408	266,883	-	266,883
Flooring	504,955	17,279	522,234	915,907	7,474	923,381
Glass and glazing	238,259	80,136	318,395	397,480	89,974	487,454
Lathing, plastering and stucco	510,049	231,436	741,485	629,816	304,566	934,382
Masonry and stone work	1,411,961	242,421	1,654,382	1,637,370	359,903	1,997,273
Ornamental iron work	364,078	28,514	392,692	397,993	16,398	414,391
Painting and decorating	399,246	37,782	437,028	340,957	58,494	399,451
Plumbing, heating and sanitary engineering	1,056,324	348,373	1,404,697	1,510,102	633,143	2,143,245
Roofing, sheet metal	6,292,371	1,195,525	7,487,896	10,148,595	1,907,951	12,055,546
Roofing, all other	1,003,903	306,377	1,310,280	952,892	214,318	1,167,210
Sheet metal work, other than roofing	665,402	278,783	944,185	1,217,713	383,059	1,600,772
Sprinkler installation	818,589	180,651	999,240	962,972	141,222	1,004,204
Street and highway work	407,694	-	407,694	449,127	50,593	499,720
Structural steel work	70,808	23,905	94,713	231,696	97,426	329,122
Tiling, marble and terrazzo	16,390,667	70,672	16,461,339	13,160,764	127,569	13,288,333
Weatherstripping and insulation	791,805	140,179	931,984	943,050	199,747	1,142,797
Wrecking and demolition	125,646	112,903	238,549	222,733	87,782	310,515
Sewers and connections	-	-	-	65,191	17,656	17,656
Open sewers or drains	36,911	13,292	50,203	120,431	-	65,191
Work, unable to specify	389,048	71,194	460,242	650,964	82,145	120,431
TOTAL VALUE OF WORK PERFORMED	36,375,386	4,610,424	40,985,810	42,464,136	5,751,247	48,215,383

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ONTARIO

Table 46. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	19,647,967	2,705,378	22,353,345	31,659,203	3,299,605	34,958,808
Dwellings, semi-detached or double	1,019,176	151,457	1,170,633	1,140,923	244,267	1,385,190
Duplexes	403,128	231,977	635,105	544,984	290,496	835,480
Apartment houses	1,945,726	458,605	2,404,331	1,492,427	783,552	2,275,979
Hotels, clubs, restaurants, etc.	518,444	634,520	1,152,964	1,649,425	605,589	2,255,014
Churches and church halls	362,878	151,189	514,067	337,293	118,379	455,672
Hospitals and sanatoria	1,305,669	151,168	1,456,835	507,871	217,149	725,020
Schools, institutions, etc.	2,681,789	295,487	2,977,276	1,144,015	519,681	1,663,696
Office buildings	4,215,462	927,988	5,143,450	2,384,933	1,414,458	3,799,391
Stores	2,280,486	2,051,201	4,331,687	2,050,390	2,712,548	4,762,938
Theatres and amusement halls	498,253	194,366	692,619	744,882	235,464	980,346
Factories, warehouses & storehouses	22,836,331	6,711,792	29,548,123	55,572,301	9,797,564	65,369,865
Elevators, grain	2,705,864	203,771	2,909,635	3,055,172	299,788	3,354,960
Garages	521,213	197,779	718,992	470,796	167,362	638,158
Service stations	577,479	670,753	1,248,232	186,536	822,985	1,009,521
Mine buildings	3,164,608	333,815	3,498,423	5,291,254	176,904	5,468,188
Farm buildings	593,024	203,609	796,633	607,092	276,351	883,443
Acroplane hangars	3,602,784	-	3,602,784	3,003,207	190,478	3,193,685
Armouries and barracks	4,156,785	79,544	4,236,329	7,755,257	263,189	8,018,446
Radio stations	39,333	-	39,333	32,790	-	32,790
Buildings, unable to specify	151,891	175,854	327,735	21,520	45,307	66,827
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	4,506,843	851,804	5,358,647	5,089,678	1,331,331	6,421,009
Gravel or stone surfaced streets, highways, etc.	4,127,858	369,497	4,497,355	4,956,686	1,006,068	5,942,754
Dirt or clay roads	124,061	19,551	143,612	1,907,449	-	1,907,449
Grading, scraping, oiling, filling, etc.	2,055,285	376,976	2,432,261	3,693,684	224,839	3,918,523
Sidewalks	64,182	14,182	79,051	124,966	10,203	135,159
Bridges, viaducts, all types	994,693	35,135	1,029,828	2,003,165	-	2,003,165
Subways, overhead crossings, etc.	173,536	-	173,536	62,949	-	62,949
Culverts	95,828	15,050	110,878	142,139	10,797	152,936
Water mains and connections	717,109	23,303	740,412	1,281,958	31,836	1,413,794
Sewers and connections	927,414	29,992	957,406	1,181,795	637,135	1,818,930
Storm sewers	118,097	-	118,097	81,081	-	81,081
Open sewers or drains	65,628	14,580	80,208	95,706	70,271	165,977
Dams and reservoirs	-	-	-	624,994	7,898	632,892
Fencing (excluding temporary snow fencing)	241,935	5,060	246,995	185,865	-	185,865
Electric stations, power plants, etc.	8,238,545	3,186,045	11,424,590	-	-	-
Installation of boilers and machinery ...	570,523	-	570,523	-	8,286	8,286
Transmission lines and towers	4,424,707	109,999	4,534,706	-	-	-
Railway (steam) construction work	-	-	-	218,970	-	218,970
Aerodromes or landing fields	7,191,502	90,512	7,282,014	5,863,814	167,473	8,031,287
Park systems (including grounds and walks)	4,996	-	4,996	-	-	-
Engineering, unable to specify	1,966,485	623,477	2,589,962	21,765,095	4,820,576	26,585,671
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ...	274,947	44,510	319,457	-	201,805	201,805
Retaining walls, embankments and riprapping	100,056	-	100,056	-	-	-
Dredging	94,513	-	94,513	305,171	-	305,171
Pile driving	84,558	4,408	88,966	46,580	-	46,580
Works, unable to specify	692,407	327,814	1,020,221	574,300	79,756	654,056

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ONTARIO

Table 46. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Trade Construction</u>						
Air conditioning	364,875	104,447	469,322	335,487	100,658	436,145
Bricklaying	163,533	272,269	435,802	393,185	384,933	778,118
Carpentry work	491,234	1,281,447	1,772,681	429,583	1,080,423	1,510,006
Commercial refrigeration	227,693	55,745	283,438	316,603	107,854	424,457
Concreting and cement work	164,729	273,113	437,842	521,561	471,543	993,104
Electrical work	963,549	1,810,052	2,773,601	1,260,707	2,581,637	3,832,344
Elevators, service	290,540	522,073	812,613	482,575	730,113	1,212,688
Excavating	125,225	9,279	134,504	161,195	37,157	198,352
Flooring	55,873	128,182	184,055	74,881	170,578	245,459
Glass and glazing	87,671	177,952	265,623	68,517	141,238	209,755
Lathing, plastering and stucco	255,588	410,620	666,208	256,229	438,431	694,560
Masonry and stone work	34,971	76,507	111,478	49,863	67,070	116,933
Ornamental iron work	34,282	40,294	74,576	33,480	58,155	91,635
Painting and decorating	357,122	2,808,363	3,165,485	474,223	3,290,050	3,764,273
Plumbing, heating and sanitary engineering	3,283,323	6,190,734	9,474,057	3,783,000	6,514,575	10,297,575
Roofing, sheet metal	126,122	489,681	615,803	151,542	675,346	826,888
Roofing, all other	378,366	1,032,857	1,411,223	536,016	1,200,990	1,737,006
Sheet metal work, other than roofing	395,364	906,325	1,301,689	549,645	1,101,877	1,651,522
Sprinkler installation	127,835	40,110	167,945	160,321	8,824	169,145
Structural steel work	-	20,059	20,059	-	-	-
Tiling, marble and terrazzo	161,311	197,766	359,077	176,724	225,001	401,725
Weatherstripping and insulation	107,677	375,201	482,878	254,178	488,441	742,619
Wrecking and demolition	-	121,031	121,031	-	191,215	191,215
Trades, unable to specify	944,770	50,750	995,520	2,949,511	69,379	3,018,890
TOTAL VALUE OF WORK PERFORMED	120,226,328	40,067,003	160,293,331	183,347,742	51,224,878	234,572,220

Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Dwellings</u>						
Office buildings	4,375	24,231	28,606	512,695	412,917	925,612
Warehouses or storehouses	307,284	216,011	522,265	230,272	293,948	524,220
Garages	435,193	130,609	565,802	79,986	202,961	282,947
Elevators, grain	91,625	13,953	105,578	151,114	22,166	173,280
Schools, institutions, etc.	-	36,435	36,436	-	30,130	30,130
Hospitals and sanatoria	25,902	21,424	47,326	15,858	24,940	40,798
Hotels, clubs, restaurants, etc.	381,950	22,916	404,866	150,118	69,180	219,298
Theatres and amusement halls	8,589	7,586	16,175	-	10,195	10,195
Farm buildings	-	-	-	-	7,096	7,096
Armouries and barracks	8,550,692	481,043	9,031,735	1,862,963	451,724	2,314,687
All other buildings and structures	24,369	25,348	49,717	29,768	44,077	73,845

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ONTARIO

Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbour Board, Provincial and Dominion Government Departments in 1940 and 1941 - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc.	3,595,011	2,392,330	5,987,341	1,452,082	3,929,211	5,381,293
Gravel or stone surfaced streets, highways, etc.	1,035,425	2,407,708	3,443,133	806,414	3,692,035	4,498,449
Dirt or clay roads	48,411	133,296	181,707	96,761	142,342	239,103
Grading, scraping, oiling, filling, etc.	500,365	1,999,729	2,500,094	626,609	2,286,924	2,913,533
Sidewalks	114,275	227,444	341,719	187,276	268,404	455,680
Roadside maintenance and area improvement	62,707	762,311	825,018	35,277	901,454	936,731
Bridges, viaducts, all types	552,024	355,540	907,564	597,598	401,263	998,861
Subways, overhead crossings, etc.	163,069	3,340	166,409	153,875	16,161	170,036
Culverts	250,196	143,939	394,135	214,887	150,497	365,384
Storm sewers	247,530	42,536	290,066	165,975	107,237	273,212
Tile drains, drainage ditches and open sewers	93,309	157,613	250,922	92,012	156,702	248,714
Fencing (excluding temporary snow fencing)	243,765	18,716	262,481	116,825	29,709	146,534
Guard rails	169,827	98,894	268,721	109,669	120,059	229,728
Signs	48,724	146,392	195,116	20,937	177,522	198,459
Zone painting	15,662	145,111	160,773	1,974	154,780	156,754
Water mains and connections	735,152	642,681	1,377,833	545,888	653,203	1,199,091
Reservoirs	-	3,525	3,525	-	2,990	2,990
Sewers and connections	530,551	282,956	813,507	510,382	277,212	787,594
Electric stations, power plants, etc.	-	1,122	1,122	-	3,711	3,711
Pole or distribution lines, electric	143,515	118,065	261,580	180,788	178,247	359,035
Docks, wharves, piers, breakwaters	30,960	84,246	115,206	4,106	100,632	104,738
Retaining walls and riprappling	6,326	52,878	59,204	2,637	67,579	70,216
Canal reaches	254	30,128	30,382	-	15,477	15,477
Canal locks	10,751	112,262	123,013	-	115,536	115,536
Canal gates	16,369	47,967	64,336	4,627	43,775	48,402
Water control or dams	11,776	58,157	69,933	39,765	50,834	90,599
Aerodromes or landing fields	-	7,147	7,147	-	8,317	8,317
Dredging	19,797	90,277	110,074	-	94,184	94,184
Excavating	35,966	14,998	50,964	-	-	-
Park systems (including grounds and walks)	114,745	1,021,105	1,135,850	28,741	1,086,163	1,114,904
Railway (steam) construction work	20,418	19,190	39,608	4,451	40,579	45,030
Telephone and telegraph lines	12,630	14,730	27,360	10,652	17,099	27,751
Gas mains and connections	1,647	1,090	2,737	3,253	5,394	8,647
Work, unable to specify	33,245	700,131	733,376	142,525	612,893	755,418
TOTAL VALUE OF WORK PERFORMED	18,694,351	13,316,698	32,011,049	9,188,840	17,477,705	26,666,545

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ONTARIO

Table 48. - Cost of Materials Used in Ontario, by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940	1941
	Cost Value	Cost Value
	\$	\$
Lumber and timber, rough and dressed	2,772,490	981,056
Lumber and timber, crosscut or chemically treated	153,032	151,563
Piling, wood (including treated piling)	8,651	4,466
Piling, steel	4,841	-
Piling, other	45	-
Posts, wood	57,680	22,107
Posts, steel	48,866	37,966
Posts, other	3,238	12,497
Iron and steel shapes	81,439	48,468
Iron and steel forms	294,804	225,182
Iron and steel reinforcing	74,739	34,036
Hydrants	40,127	33,637
Manhole covers and frames	80,737	102,551
Pipe, metal	355,438	248,980
Pipe, concrete	113,227	100,068
Pipe, vitrified clay, etc.	91,936	107,406
Culverts	148,291	135,510
Rope or cable, wire	50,740	36,813
Rope, other	4,548	3,178
Wire netting or mesh	24,087	11,530
Electric light standards	11,694	42,271
Electrical supplies	925,854	521,143
Plumbing and shop supplies	553,827	266,942
Lead and lead pipe	11,243	24,840
Pipe fittings	86,913	89,462
Valves	58,177	41,912
Hardware	532,125	414,187
Paint and painters' supplies	206,400	257,637
Explosives	21,715	27,034
Fencing materials (not to include posts)	86,487	58,201
Guard rail materials (not to include posts)	65,642	13,610
Signs, metal	57,587	43,936
Brick	20,386	23,000
Stone, crushed and all other	1,446,128	1,054,822
Paving blocks	5,351	14,599
Gravel	653,472	518,451
Sand	71,912	78,598
Cement	1,422,730	774,977
Concrete, ready mix	16,631	27,775
Bituminous materials (not including oil)	1,545,607	1,815,892
Calcium chloride, salt and other chemicals	761,232	812,740
Oil, for road construction	371,768	372,375
Borrow pits, earth fill, cinders, etc.	49,089	55,742
Roofing materials	197,253	72,417
All other materials (unable to classify)	2,080,516	1,346,083
TOTAL COST OF MATERIALS USED	15,668,695	11,065,660

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

MANITOBA

Table 49. - Principal Statistics of the Construction Industry in Manitoba in 1940 and 1941.

	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>1940</u>	No.	No.	\$	\$	\$	\$	\$
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	2,386,556
Totals	643	6,423	8,027,422	14,319,806	18,646,411	6,586,374	26,232,786
<u>1941</u>							
General and Trade Contractors and Subcontractors	689	6,609	9,143,549	18,101,757	21,957,843	5,011,870	26,969,713
Municipalities	20	523	551,027	311,243	254,739	620,903	875,642
The Harbours Board, Provincial and Dominion Government Departments	8	597	866,139	454,006	485,858	1,278,435	1,764,293
Totals	717	7,729	10,560,715	18,867,006	22,698,440	6,911,208	29,609,648

Table 60. - 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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	2,069,819	473,103	2,542,922	3,463,742	470,982	3,934,724
Dwellings, semi-detached or double	27,565	71,088	98,653	37,384	7,624	45,008
Duplexes	30,495	87,291	117,786	64,112	68,733	132,845
Apartment houses	-	50,609	50,609	-	99,240	99,240
Hotels, clubs, restaurants, etc.	42,998	11,953	54,949	13,734	32,585	46,319
Churches and church halls	-	9,771	9,771	-	9,758	9,758
Hospitals and sanatoria	-	58,337	58,337	-	59,346	59,346
Schools, institutions, etc.	-	58,018	58,018	80,433	59,561	139,994
Office buildings	99,831	123,525	223,356	-	221,622	221,622
Stores	149,037	671,339	820,376	96,572	263,948	360,520
Theatres and amusement halls	28,404	18,638	47,042	-	17,081	17,081
Factories, warehouses and storehouses	3,113,912	763,848	3,877,758	-	817,660	817,660
Elevators, grain	998,312	-	998,312	504,291	296,500	800,791
Garages	40,174	119,477	159,651	69,005	27,836	96,841
Service stations	21,488	116,837	138,325	29,613	100,308	129,921
Farm buildings	24,179	12,644	36,823	38,967	28,649	67,616
Armouries and barracks	1,226,417	126,185	1,352,602	713,538	73,774	787,312
Buildings, unable to specify	3,023,079	288,104	3,311,183	12,598,216	108,989	12,707,206
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	463,035	287,047	750,082	186,730	350,155	536,885
Gravel or stone surfaced streets, highways, etc.	122,996	483,241	606,237	97,256	517,031	614,287

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

MANITOBA

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 1940 and 1941. - concluded.

	1940			1941		
	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	56,910	71,832	128,742	72,545	79,947	152,492
Grading, scraping, oiling, filling, etc.	-	54,908	54,908	82,548	106,229	188,777
Roadside maintenance and area improvement	-	59,891	59,891	7,458	89,849	97,307
Sidewalks	7,841	59,023	66,864	40,630	48,184	88,814
Bridges, viaducts, all types	13,462	40,909	54,371	50,684	40,507	91,191
Subways, overhead crossings, etc.	-	3,646	3,646	-	366	366
Culverts	11,417	36,748	48,165	24,053	22,416	46,469
Watermains and connections	131,164	191,016	322,180	202,532	185,638	388,170
Sewers and connections	145,781	64,656	210,437	181,102	64,077	245,179
Storm sewers	-	680	680	-	584	584
Tile drains, drainage ditches and open sewers	-	8,259	8,259	-	27,293	27,293
Dams and reservoirs	50,335	-	50,335	84,912	37,979	122,891
Fencing (excluding temporary snow fencing)	19,914	1,135	21,049	14,834	730	15,564
Guard rails	-	9,708	9,708	95	9,631	9,726
Signs	313	12,275	12,588	3,114	17,082	20,196
Zone painting	-	2,735	2,735	-	6,193	6,193
Electric stations, power plants, etc.	-	1,168	1,168	-	-	-
Transmission lines and towers	-	1,484	1,484	-	6,130	6,130
Aerodromes or landing fields	5,337,823	-	5,337,823	2,714,269	-	2,714,269
Park systems, including grounds and walks	1,581	7,040	8,621	1,369	8,865	10,234
Telephone and telegraph lines	4,310	910	5,220	677	2,025	2,702
Engineering, unable to specify	516,351	115,864	632,215	439,890	424,411	864,301
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	24,622	15,973	40,595	-	14,844	14,844
Retaining walls, embankments and ripraping	-	157	157	110	-	110
Canals and waterways	-	14,488	14,488	650	15,224	15,874
Dredging	5,445	34,996	40,441	20,123	33,938	54,061
Works, unable to specify	5,901	-	5,901	21,100	-	21,100
<u>Trade Construction</u>						
Air conditioning	28,878	10,553	39,431	16,199	13,455	29,654
Bricklaying	-	6,762	6,762	-	4,176	4,176
Carpentry work	36,766	39,218	75,984	21,312	96,282	117,594
Concreting and cement work	20,259	83,454	103,713	-	103,725	103,725
Electrical work	27,902	302,617	330,519	43,362	354,126	397,488
Elevators, service	-	-	-	-	99,028	99,028
Excavating	-	20,894	20,894	28,106	48,497	76,603
Flooring	-	19,845	19,845	-	11,898	11,898
Leathing, plastering and stucco	-	38,625	38,625	21,180	39,296	60,476
Painting and decorating	22,637	275,975	298,612	50,703	236,503	287,206
Plumbing, heating and sanitary engineering	435,671	485,340	921,011	331,085	559,216	890,301
Roofing, sheet metal	24,000	154,844	178,844	19,521	39,789	59,310
Roofing, all other	15,840	67,179	83,019	-	78,451	78,451
Sheet metal work, other than roofing	39,868	74,078	113,946	41,603	97,507	139,110
Sprinkler installation	-	13,622	13,622	-	13,033	13,033
Tiling, marble and terrazzo	5,961	-	5,961	-	-	-
Weatherstripping and insulation	-	121,588	121,588	-	166,203	166,203
Trades, unable to specify	173,720	231,226	404,946	169,081	76,499	245,580
TOTAL VALUE OF WORK PERFORMED	18,646,411	6,586,374	25,232,785	22,698,440	6,911,208	29,609,648

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

MANITOBA

Table 51. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	2,065,119	470,411	2,535,530	3,458,992	467,809	3,926,801
Dwellings, semi-detached or double	27,565	71,088	98,653	37,384	7,624	45,008
Duplexes	30,495	87,291	117,786	64,112	68,733	132,845
Apartment houses	-	50,609	50,609	-	99,240	99,240
Hotels, clubs, restaurants, etc.	42,996	11,953	54,949	13,734	32,585	46,319
Churches and church halls	-	9,771	9,771	-	9,758	9,758
Hospitals and sanatoria	-	29,632	29,632	-	40,934	40,934
Schools, institutions, etc.	-	53,441	53,441	-	46,306	46,306
Office buildings	-	62,562	62,562	-	131,744	131,744
Stores	149,037	671,339	820,376	96,572	263,948	350,520
Theatres and amusement halls	28,464	18,638	47,042	-	16,864	16,864
Factories, warehouses and storehouses	3,109,822	753,756	3,863,578	-	811,301	811,301
Elevators, grain	998,312	-	998,312	485,200	292,610	777,810
Garages	-	-	-	50,635	25,120	75,755
Service stations	21,488	116,837	138,325	-	100,308	100,308
Farm buildings	24,179	12,644	36,823	38,967	26,292	65,259
Armouries and barracks	410,010	-	410,010	543,704	-	543,704
Buildings, unable to specify	3,123,543	397,199	3,520,742	12,653,901	103,867	12,757,768
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	-	-	-	38,325	-	38,325
Dirt or clay roads	-	-	-	54,688	-	54,688
Bridges, viaducts, all types	-	685	685	-	-	-
Watermains and connections	96,607	3,243	99,850	172,366	-	172,366
Sewers and connections	128,568	995	129,563	140,887	-	140,887
Dams and reservoirs	-	-	-	53,593	-	53,593
Aerodromes or landing fields	5,337,823	-	5,337,823	2,714,269	-	2,714,269
Engineering, unable to specify	781,414	91,175	872,589	580,741	446,229	1,026,970
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	24,622	-	24,622	-	-	-
Works, unable to specify	2,297	3,000	5,297	20,950	-	20,950
<u>Trade Construction</u>						
Air conditioning	28,878	10,553	39,431	16,199	13,455	29,654
Bricklaying	-	6,762	6,762	-	4,176	4,176
Carpentry work	36,766	39,218	75,984	21,312	98,282	117,594
Concreting and cement work	20,259	83,454	103,713	-	103,725	103,725
Electrical work	27,902	302,617	330,519	43,362	354,126	397,488
Elevators, service	-	-	-	-	99,028	99,028
Excavating	-	-	-	24,777	-	24,777
Flooring	-	19,845	19,845	-	11,898	11,898
Lathing, plastering and stucco	-	38,625	38,625	21,180	39,296	60,476
Painting and decorating	22,637	275,975	298,612	50,703	236,503	287,206
Plumbing, heating and sanitary engineering	435,671	485,340	921,011	331,085	559,216	890,301
Roofing, sheet metal	24,000	154,844	178,844	19,521	39,789	59,310
Roofing, all other	15,840	67,179	83,019	-	78,451	78,451
Sheet metal work, other than roofing	39,868	74,078	113,946	41,603	97,507	139,110
Sprinkler installation	-	13,622	13,622	-	13,033	13,033
Tiling, marble and terrazzo	5,961	-	5,961	-	-	-
Weatherstripping and insulation	-	121,588	121,588	-	166,203	166,203
Trades, unable to specify	173,520	234,759	408,279	169,081	107,910	276,991
TOTAL VALUE OF WORK PERFORMED	17,233,603	4,844,728	22,078,331	21,957,843	5,011,870	26,969,713

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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Table 52. - Description, Classification and Value of Work Performed in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings	4,700	2,692	7,392	4,750	3,173	7,923
Office buildings	7,976	60,963	68,939	2,800	89,878	92,678
Warehouses or storehouses	4,090	10,090	14,180	30,803	6,359	37,162
Garages	24,712	13,106	37,818	18,370	2,716	21,086
Elevators, grain	-	1,884	1,884	19,091	3,890	22,981
Schools, institutions, etc.	-	4,577	4,577	18,466	13,255	31,721
Hospitals and sanatoria	1,500	28,705	30,205	-	18,412	18,412
Farm buildings	-	-	-	-	2,357	2,357
Armouries and barracks	816,407	113,280	929,687	169,834	73,774	243,608
Theatres and amusement halls	-	-	-	-	217	217
All other buildings and structures	5,353	8,297	13,650	2,292	5,122	7,414
Hard surfaced or paved streets, highways, etc.	292,907	287,047	579,954	148,405	347,958	496,363
Gravel or stone surfaced streets, highways, etc.	47,996	483,241	531,237	78,874	517,031	595,905
Dirt or clay roads	28,020	71,832	99,852	17,857	79,947	97,804
Grading, scraping, oiling, filling, etc.	10,177	54,908	65,085	20,324	104,584	124,908
Sidewalks	5,741	58,492	64,233	28,521	46,483	75,004
Roadside maintenance and area improvement	-	59,891	59,891	7,458	89,849	97,307
Bridges, viaducts, all types	13,462	40,224	53,686	23,977	38,086	62,063
Subways, overhead crossings, etc.	-	3,646	3,646	-	366	366
Culverts	6,851	36,748	43,599	7,337	22,116	29,453
Storm sewers	-	680	680	-	584	584
Tile drains, drainage ditches and open sewers	-	8,259	8,259	200	27,293	27,493
Fencing (excluding temporary snow fencing)	17,136	1,135	18,271	6,498	611	7,109
Guard rails	-	9,708	9,708	95	9,631	9,726
Signs	313	12,275	12,588	3,114	17,082	20,196
Zone painting	-	2,735	2,735	-	6,193	6,193
Watermaine and connections	34,557	187,773	222,330	30,166	172,980	203,146
Sewers and connections	17,213	63,661	80,874	40,215	60,932	101,147
Electric stations and power plants	-	440	440	-	695	695
Pole or distribution lines, electric	3,106	987	4,093	3,323	5,963	9,286
Docks, wharves, piers, breakwaters	-	15,973	15,973	400	14,844	15,244
Retaining walls and ripraping	-	157	157	110	-	110
Canal reaches	-	-	-	650	-	650
Canal locks	-	14,488	14,488	-	18,224	15,224
Water control or dams	24,082	-	24,082	31,319	14,236	45,555
Dredging	5,445	31,996	37,441	19,873	33,938	53,811
Excavating	200	17,361	17,561	3,329	17,086	20,415
Park systems (including grounds and walks)	1,581	7,040	8,621	1,369	8,865	10,234
Reservoirs	-	-	-	-	486	486
Telephone and telegraph lines	4,310	910	5,220	677	2,025	2,702
Works, unable to specify	34,973	26,445	61,418	100	25,097	25,197
TOTAL VALUE OF WORK PERFORMED	1,412,808	1,741,646	3,154,454	740,597	1,899,338	2,639,935

Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors
in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	\$ 55,139	\$ 10,695	\$ 65,834	\$ 65,602	\$ 12,216	\$ 77,818
Bricklaying	3,090	-	3,090	3,974	2,873	6,847
Carpentry work	46,026	8,865	54,891	59,487	6,778	66,265
Concreting and cement work	107,564	8,066	115,630	200,550	7,513	208,063

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1940 and 1941. - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Electrical work	\$ 357,879	\$ -	\$ 357,879	\$ 340,638	\$ 48,020	\$ 388,658
Excavating	19,442	-	19,442	33,382	-	33,382
Flooring	-	-	-	3,942	-	3,942
Lathing, plastering and stucco	55,637	42,330	97,967	132,969	69,227	202,196
Painting and decorating	120,389	93,961	214,350	644,098	47,446	702,544
Plumbing, heating and sanitary engineering	1,172,687	124,920	1,297,607	1,496,576	199,808	1,696,384
Roofing, sheet metal	-	-	-	65,476	-	65,476
Roofing, all other	233,673	-	233,673	336,697	38,417	375,114
Sheet metal work, other than roofing	630,257	-	630,257	259,594	46,509	306,103
Tiling, marble and terrazzo	-	-	-	-	29,087	29,087
Weatherstripping and insulation	-	-	-	-	5,023	5,023
Work, unable to specify	2,568,484	316,454	2,884,938	3,130,338	125,242	3,255,580
TOTAL VALUE OF WORK PERFORMED	5,370,267	605,291	5,975,558	6,784,323	638,159	7,422,482

Table 54. - Cost of Materials Used in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940		1941	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed	\$ 281,218	\$ 120,223		
Lumber and timber, creosoted or chemically treated	22,520	14,070		
Piling, wood (including treated piling)	11,146	3,188		
Posts, wood	3,533	1,564		
Posts, steel	9,836	2,380		
Iron and steel shapes	16,166	2,313		
Iron and steel forms	540	2,899		
Iron and steel reinforcing	6,112	11,870		
Hydrants	1,222	3,064		
Manhole covers and frames	1,942	4,508		
Pipe, metal	18,986	15,433		
Pipe, concrete	2,128	581		
Pipe, vitrified clay, etc.	8,074	8,192		
Culverts	6,451	11,001		
Rope or cable, wire	2,204	4,262		
Rope, other	207	642		
Wire netting or mesh	1,933	2,787		
Electric light standards	-	1,625		
Electrical supplies	31,959	22,609		
Plumbing and shop supplies	50,478	18,318		
Lead and lead pipe	2,185	872		
Pipe fittings	18,458	21,355		
Valves	5,810	8,073		
Hardware	53,585	28,110		
Paint and painters' supplies	15,025	17,119		
Explosives	2,127	3,018		
Fencing materials (not to include posts)	1,984	2,460		
Guard rail materials (not to include posts)	194	-		
Signs, metal	7,610	7,168		
Brick	2,770	3,126		
Stone, crushed and all other	48,895	47,023		
Gravel	67,202	89,821		
Sand	23,043	27,356		
Cement	40,621	61,096		
Concrete, ready-mix	4,188	4,583		
Bituminous materials (not including oil)	218,280	55,036		
Calcium chloride, salt and other chemicals	11,377	2,773		
Oil, for road construction	16,088	79,195		
Borrow pits, earth fill, cinders, etc.	533	559		
Roofing materials	24,344	9,941		
All other materials, unable to classify	126,914	45,036		
TOTAL COST OF MATERIALS	1,167,898	765,249		

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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Table 55. - Principal Statistics of the Construction Industry in Saskatchewan in 1940 and 1941.

	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>1940</u>	No.	No.	\$	\$	\$	\$	\$
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
Totals	377	4,693	5,668,490	12,173,867	16,474,214	4,769,198	21,243,412
<u>1941</u>							
General and Trade Contractors and Subcontractors	432	3,832	5,048,904	10,408,350	13,774,372	3,710,555	17,484,927
Municipalities	31	365	371,824	240,039	216,768	494,228	710,996
Provincial and Dominion Government Departments	5	1,205	1,266,073	463,633	1,291,641	1,180,810	2,472,451
Totals	468	5,402	6,686,801	11,112,022	15,282,781	5,385,593	20,668,374

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	396,877	192,140	589,017	411,158	186,680	597,838
Dwellings, semi-detached or double	16,663	11,200	27,863	-	22,891	22,891
Duplexes	-	-	-	25,577	-	25,577
Apartment houses	-	79,975	79,975	-	53,641	53,641
Hotels, clubs, restaurants, etc.	8,403	7,631	16,034	-	25,528	25,528
Churches and church halls	8,782	-	8,782	23,015	5,635	28,650
Hospitals and sanatoria	214,339	18,323	232,662	-	6,619	6,619
Schools, institutions, etc.	-	55,918	55,918	18,418	27,472	45,890
Office buildings	76,742	74,326	151,068	43,281	86,998	130,279
Stores	108,810	289,747	398,557	344,807	236,761	581,568
Theatres and amusement halls	-	-	-	54,263	42,133	96,396
Factories, warehouses and storehouses ..	210,945	429,450	640,395	846,454	696,146	1,542,600
Elevators, grain	2,875,924	1,189,005	4,064,929	882,443	1,104,940	1,987,383
Garages	101,788	27,941	129,729	26,084	30,911	56,995
Service stations	70,025	101,559	171,584	14,217	84,873	99,090
Farm buildings	11,895	4,186	16,081	4,100	11,066	15,166
Aeroplane hangars	4,382,052	-	4,382,052	2,620,609	-	2,620,609
Armouries and barracks	750,424	37,900	788,324	1,452,974	64,950	1,517,924
Radio stations	-	-	-	11,580	-	11,580
Buildings, unable to specify	73,451	61,609	135,060	699,726	81,717	781,443
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	254,393	105,385	359,778	424,491	76,832	501,323
Gravel or stone surfaced streets, highways, etc.	296,997	597,311	894,308	129,940	681,042	810,982
Dirt or clay roads	267,844	269,551	537,395	528,812	361,845	890,657

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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 1940 and 1941. - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Engineering Construction - concluded.	\$	\$	\$	\$	\$	\$
Grading, scraping, oiling, filling, etc.	-	18,098	18,098	32,781	23,983	56,764
Sidewalks	33,415	17,554	50,969	11,707	25,504	37,211
Roadside maintenance and area improvement	5,843	4,049	9,892	1,102	7,476	8,578
Bridges, viaducts, all types	111,174	2,384	113,558	111,447	7,132	118,579
Subways, overhead crossings, etc.	-	1,818	1,818	3,096	220	3,316
Culverts	-	3,938	3,938	-	7,741	7,741
Water mains and connections	214,384	110,699	325,083	230,275	176,969	407,244
Sewers and connections	222,473	25,340	247,813	207,582	25,231	232,813
Storm sewers	5,526	2,793	8,319	-	5,116	5,116
Tile drains, drainage ditches and open sewers	-	7,130	7,130	-	7,611	7,611
Dams and reservoirs	268,913	65,675	334,594	595,662	148,923	744,585
Fencing (excluding temporary snow fencing)	164,157	3,530	167,687	311,501	1,316	312,817
Guard rails	-	-	-	-	915	915
Signs	304	2,546	2,850	599	1,607	2,206
Zone painting	-	1,200	1,200	-	1,668	1,668
Electric stations, power plants, etc.	38,871	-	38,871	-	-	-
Transmission lines and towers	-	33,247	33,247	135,859	37,282	173,141
Aerodromes or landing fields	4,504,113	1,531	4,505,644	4,037,323	-	4,037,323
Park systems, including grounds and walks	4,605	34,883	39,488	504	49,366	49,870
Telephone and telegraph lines	-	1,194	1,194	312	8,860	9,172
Engineering, unable to specify	334,549	78,079	412,628	245,883	112,673	358,556
Railway (steam) construction work	-	-	-	36,504	-	36,504
Harbours, Rivers, etc.						
Docks, wharves, piers and breakwaters	-	1,454	1,454	7,988	-	7,988
Retaining walls, embankments and ripraping	18,748	-	18,748	1,992	-	1,992
Works, unable to specify	-	-	-	-	35	35
Trade Construction						
Air conditioning	5,339	735	6,074	-	-	-
Bricklaying	-	2,753	2,753	-	2,514	2,514
Carpentry work	21,059	14,555	35,614	36,768	39,496	76,264
Concreting and cement work	5,996	5,885	11,881	-	7,836	7,836
Electrical work	135,271	107,971	243,242	190,041	174,176	364,217
Excavating	-	-	-	-	784	784
Flooring	3,021	2,857	5,878	-	5,691	5,691
Lathing, plastering and stucco	-	20,082	20,082	12,670	15,232	27,902
Masonry and stone work	-	-	-	-	1,016	1,016
Painting and decorating	32,906	119,806	152,711	82,556	125,212	207,768
Plumbing, heating and sanitary engineering	92,906	296,187	389,093	234,766	285,417	520,183
Roofing, sheet metal	-	15,411	15,411	10,034	19,888	29,922
Roofing, all other	8,802	19,197	27,999	17,308	25,368	42,676
Sheet metal work, other than roofing	14,891	93,077	107,968	30,278	85,124	115,402
Tiling, marble and terrazzo	-	3,126	3,126	-	-	-
Trades, unable to specify	100,588	97,258	197,846	134,294	59,531	193,825
TOTAL VALUE OF WORK PERFORMED	16,474,214	4,769,198	21,243,412	15,282,781	5,385,593	20,668,374

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Table 57. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	396,877	190,995	587,872	411,158	180,150	591,308
Dwellings, semi-detached or double	16,663	11,200	27,863	-	22,891	22,891
Duplexes	-	-	-	25,577	-	25,577
Apartment houses	-	79,975	79,975	-	53,641	53,641
Hotels, clubs, restaurants, etc.	8,403	7,631	16,034	-	25,528	25,528
Churches and church halls	8,782	-	8,782	23,015	5,635	28,650
Hospitals and sanatoria	214,339	18,323	232,662	-	-	-
Schools, institutions, etc.	-	54,201	54,201	18,418	27,472	45,890
Office buildings	69,360	52,208	121,568	22,339	74,226	96,565
Stores	108,810	289,747	398,557	344,807	236,761	581,568
Theatres and amusement halls	-	-	-	54,263	42,133	96,396
Factories, warehouses and storehouses	201,690	421,139	622,829	845,322	687,421	1,532,743
Elevators, grain	2,875,924	1,189,005	4,064,929	882,443	1,104,940	1,987,383
Garages	46,601	26,030	72,631	2,292	25,449	27,741
Service stations	70,025	101,559	171,584	14,217	84,873	99,090
Farm buildings	11,895	3,101	14,996	4,100	10,231	14,331
Aeroplane hangars	4,382,052	-	4,382,052	2,620,609	-	2,620,609
Buildings, unable to specify	448,560	62,284	510,844	1,953,319	66,349	2,019,668
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	-	-	-	284,606	-	284,606
Gravel or stone surfaced streets, highways, etc.	-	-	-	33,001	31,430	64,431
Dirt or clay roads	70,503	-	70,503	208,252	-	208,252
Grading, scraping, oiling, filling, etc.	-	-	-	32,759	-	32,759
Sidewalks	-	-	-	1,915	-	1,915
Watertanks and connections	169,121	-	169,121	153,808	-	153,808
Sewers and connections	190,707	-	190,707	165,780	-	165,780
Dams and reservoirs	220,064	-	220,064	456,025	-	456,025
Electric stations, power plants, etc.	38,871	-	38,871	-	-	-
Transmission lines and towers	-	-	-	133,330	-	133,330
Railway (steam) construction	-	-	-	36,504	-	36,504
Aerodromes or landing fields	4,503,847	-	4,503,847	4,037,323	-	4,037,323
Engineering, unable to specify	570,968	97,348	668,316	254,620	184,140	438,760
<u>Harbours, Rivers, etc.</u>						
Work, unable to specify	-	-	-	5,855	-	5,855
<u>Trade Construction</u>						
Air conditioning	5,339	735	6,074	-	-	-
Bricklaying	-	2,753	2,753	-	2,514	2,514
Carpentry work	21,059	14,555	35,614	36,768	39,496	76,264
Concreting and cement work	5,996	5,885	11,881	-	7,836	7,836
Electrical work	135,271	107,971	243,242	190,041	174,176	364,217
Excavating	-	-	-	-	784	784
Flooring	3,021	2,857	5,878	-	5,691	5,691
Lathing, plastering and stucco	-	20,082	20,082	12,570	15,232	27,902
Masonry and stone work	-	-	-	-	1,016	1,016
Painting and decorating	32,906	119,805	152,711	82,556	125,212	207,768
Plumbing, heating and sanitary engineering	92,906	296,187	389,093	234,766	285,417	520,183
Roofing, sheet metal	-	15,411	15,411	10,034	19,888	29,922
Roofing, all other	8,802	19,197	27,999	17,308	25,368	42,676
Sheet metal work, other than roofing	14,891	93,077	107,968	30,278	85,124	115,402
Tiling, marble and terrazzo	-	3,126	3,126	-	-	-
Trades, unable to specify	100,588	97,258	197,846	134,294	59,531	193,825
TOTAL VALUE OF WORK PERFORMED ..	15,044,841	3,403,645	18,448,486	13,774,372	3,710,555	17,484,927

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Table 50. — Description, Classification and Value of Work Performed by Subcontractors in Saskatchewan in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	33,928	-	33,928	-	-	-
Concreting and cement work	5,463	-	5,463	-	-	-
Electrical work	190,191	46,505	236,696	198,508	62,920	261,428
Elevators, service	18,050	-	18,050	-	-	-
Excavating	-	-	-	26,989	-	26,989
Fathing, plastering and stucco	24,089	10,529	34,618	-	-	-
Painting and decorating	84,358	25,613	109,971	157,525	41,190	198,715
Plumbing, heating and sanitary engineering	1,014,129	71,115	1,085,244	981,006	106,947	1,087,953
Roofing, sheet metal	12,204	-	12,204	-	-	-
Roofing, all other	203,191	12,433	215,624	161,202	6,569	167,771
Cheet metal work, other than roofing	-	-	-	130,263	17,193	147,456
Tiling and marble work	24,414	-	24,414	49,850	-	49,850
Work, unable to specify	666,847	80,222	747,069	491,424	64,773	556,197
TOTAL VALUE OF WORK PERFORMED ..	2,276,864	246,417	2,523,281	2,196,767	299,592	2,496,359

Table 59. — Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Mewlings	-	1,145	1,145	-	6,530	6,530
Hospitals and sanatoria	-	-	-	-	1,338	1,338
Office buildings	7,382	22,118	29,500	20,942	12,772	33,714
Warehouses or storehouses	9,255	8,311	17,566	1,132	8,725	9,857
Garages	55,187	1,911	57,098	23,782	5,462	29,254
Farm buildings	-	1,085	1,085	-	835	835
Hancole, institutions, etc.	-	1,717	1,717	-	-	-
Armouries and barracks	375,315	36,825	412,140	116,989	59,665	176,654
All other buildings and structures	-	400	400	93,972	25,934	119,906
Hard surfaced or paved streets, highways, etc.	238,844	104,648	343,492	139,885	76,832	216,717
Gravel or stone surfaced streets, highways, etc.	75,839	596,811	672,650	96,939	649,612	746,551
Dirt or clay roads	197,341	269,551	466,892	320,560	361,845	682,405
grading, scraping, oiling, filling, etc.	432	18,098	18,530	-	23,983	23,983
Bidewalks	32,022	16,979	49,001	9,792	25,277	35,069
Roadside maintenance and area improvement	5,843	4,049	9,892	1,102	7,476	8,578
Bridges, viaducts, all types	111,174	2,384	113,558	105,447	7,132	112,579
Subways, overhead crossings, etc.	-	1,818	1,818	3,096	220	3,316
Calverts	-	3,938	3,938	249	7,741	7,990
Storm sewers	5,526	2,793	8,319	-	5,116	5,116
Tile drains, drainage ditches and open sewers	-	7,130	7,130	617	7,611	8,228
Fencing (excluding temporary snow fencing)	162,528	3,530	166,058	307,387	1,316	308,703
Guard rails	-	-	-	-	915	915
Signs	304	2,546	2,850	599	1,607	2,206
Zones painting	-	1,200	1,200	-	1,668	1,668
Watermains and connections	45,263	108,498	153,761	76,467	171,126	247,593
Reservoirs	15,520	2,955	18,475	13,262	2,576	15,838
Sewers and connections	31,766	25,340	57,106	41,802	25,231	67,033
Pole or distribution lines, electric ..	2,604	14,334	16,938	2,529	18,191	20,720
Docks, wharves, piers, breakwaters	-	1,454	1,454	2,133	-	2,133
Retaining walls and ripraping	18,748	-	18,748	1,992	-	1,992

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Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1940 and 1941. - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Water control or dams	\$ 33,335	61,182	94,517	\$ 126,375	101,111	227,486
Aerodromes or landing fields	266	1,531	1,797	-	342	342
Park systems (including grounds and walks)	4,605	34,883	39,488	504	49,366	49,870
Telephone and telegraph lines	-	1,194	1,194	312	7,346	7,658
Works, unable to specify	274	5,195	5,469	533	137	670
TOTAL VALUE OF WORK PERFORMED	1,429,373	1,365,553	2,794,926	1,508,409	1,675,038	3,183,447

Table 60. - Cost of Materials Used in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1940 and 1941.

	1940	
	Cost Value	Cost Value
Lumber and timber, rough and dressed	\$ 154,259	130,131
Lumber and timber, creosoted or chemically treated	4,774	4,965
Piling, wood (including treated piling)	5,045	7,879
Piling, other	1,052	-
Posts, wood	11,074	2,970
Posts, steel	10,167	5,264
Posts, other	-	174
Iron and steel shapes	29,420	22,835
Iron and steel forms	465	6,226
Iron and steel reinforcing	3,490	1,123
Hydrants	3,400	4,793
Manhole covers and frames	1,185	1,767
Pipe, metal	29,322	33,632
Pipe, concrets	1,970	42,241
Pipe, vitrified clay, etc.	8,130	20,997
Culverts	16,054	5,009
Rope or cable, wire	2,355	977
Rope, other	149	150
Wire netting or mesh	1,983	1,494
Electric light standards	3,309	2,829
Electrical supplies	25,720	23,965
Plumbing and shop supplies	33,079	31,968
Lead and lead pipe	1,957	2,612
Pipe fittings	7,656	13,035
Valves	4,240	8,418
Hardware	64,675	44,753
Paint and painters' supplies	13,165	12,216
Explosives	2,598	33
Fencing materials (not to include posts)	1,875	45,765
Guard rail materials (not to include posts)	-	532
Signs, metal	20,625	9,326
Brick	8,582	2,301
Stone, crushed and all other	4,148	1,763
Gravel	22,714	42,111
Sand	2,600	3,505
Cement	23,657	15,763
Concrete, ready-mix	454	5,263
Bituminous materials (not including oil)	31,637	68,828
Calcium chloride, salt and other chemicals	5,812	5,438
Oil, for road construction	66,885	9,718
Borrow pits, earth fill, cinders, etc.	549	765
Roofing materials	14,021	4,669
All other materials (unable to classify)	93,434	55,616
TOTAL COST OF MATERIALS USED	737,586	703,672

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Table 61. - Principal Statistics of the Construction Industry in Alberta in 1940 and 1941.

	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>1940</u>	No.	No.	\$	\$	\$	\$	\$
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
<u>1941</u>							
General and Trade Contractors and Subcontractors	793	5,688	8,278,684	17,647,238	24,014,028	4,488,751	28,502,779
Municipalities	27	783	939,897	487,175	559,295	970,032	1,539,327
Provincial and Dominion Government Departments	4	1,522	1,853,481	1,363,105	2,179,281	3,084,572	5,263,853
Totals	824	7,993	11,072,062	19,497,518	26,752,604	8,543,355	35,295,959

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	1,228,814	321,752	1,550,566	1,968,918	461,597	2,430,515
Dwellings, semi-detached or double	53,694	29,817	83,511	68,890	13,225	82,115
Duplexes	42,071	24,732	66,803	37,940	60,985	98,925
Apartment houses	104,635	81,045	185,680	164,863	108,844	273,707
Hotels, clubs, restaurants, etc.	134,621	211,431	346,062	93,152	157,705	250,857
Churches and church halls	-	7,448	7,448	-	18,952	18,952
Hospitals and sanatoria	221,949	13,866	245,815	-	48,493	48,493
Schools, institutions, etc.	375,406	38,311	413,717	901,677	120,809	1,022,486
Office buildings	211,429	494,166	705,595	499,401	959,779	1,459,180
Stores	171,370	230,197	401,567	173,261	356,340	509,601
Theatres and amusement halls	133,380	21,111	154,491	58,114	103,958	162,072
Factories, warehouses and storehouses	-	497,634	497,634	7,518,477	613,294	8,131,771
Elevators, grain	1,427,505	780,046	2,207,551	1,073,449	382,881	1,456,330
Garages	103,309	35,579	138,888	64,066	91,500	155,565
Service stations	57,526	110,636	168,152	57,418	84,389	141,807
Mine buildings	129,130	-	129,130	-	27,250	27,250
Farm buildings	31,523	6,049	37,572	50,948	9,973	60,921
Aeroplane hangars	-	-	-	1,241,363	-	1,241,363
Armouries and barracks	1,767,127	126,556	1,893,683	-	-	-
Buildings, unable to specify	8,646,253	24,625	8,670,878	3,444,384	52,683	3,497,067
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	749,160	263,801	1,012,961	747,247	333,988	1,061,235
Gravel or stone surfaced streets, highways, etc.	576,738	633,164	1,209,902	417,498	1,165,436	1,582,934
Dirt or clay roads	245,111	449,585	694,796	312,283	637,161	949,414
Grading, scraping, oiling, filling, etc.	11,449	57,761	69,210	44,231	73,110	117,341
sidewalks	36,501	46,057	82,558	84,986	56,980	141,946
Roadside maintenance and area improvement	6,088	48,823	54,911	7,075	46,108	53,183
Bridges, viaducts, all types	104,285	247,869	352,154	96,635	238,012	334,647

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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 1940 and 1941. - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction - concluded.</u>	\$	\$	\$	\$	\$	\$
Culverts	25,146	20,499	45,635	34,542	14,953	49,495
Water mains and connections	309,428	126,249	435,677	169,263	178,574	347,837
Sewers and connections	190,684	43,859	234,543	283,907	60,836	344,743
Storm sewers	68,092	4,856	72,948	160,114	3,575	163,689
Tile drains, drainage ditches and open sewers	54,864	17,986	72,870	-	21,178	21,178
Dams and reservoirs	89,698	14,178	103,876	802,988	12,081	815,069
Fencing (excluding temporary snow fencing)	12,995	1,161	14,156	70,962	6,232	77,194
Guard rails	3,166	7,745	10,911	1,980	9,934	11,914
Signs	6,986	1,992	8,978	1,807	4,222	6,029
Zone painting	-	4,608	4,608	540	6,139	6,679
Electric stations, power plants, etc.	99,324	-	99,324	-	79,374	79,374
Transmission lines and towers	594,655	207,262	801,917	586,106	425,046	1,011,152
Aerodromes or landing fields	1,476,792	61,113	1,537,905	2,876,837	63,113	2,939,950
Park systems, including grounds and walks	23,754	186,671	210,425	29,487	250,856	280,343
Telephone and telegraph lines	1,071	18,469	19,540	8,133	3,837	11,970
Engineering, unable to specify	158,011	102,533	260,544	1,511,564	74,747	1,586,311
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	3,624	1,849	5,473	-	979	979
Retaining walls, embankments and ripraping	1,232	932	2,164	2,638	964	3,602
Works, unable to specify	20,728	-	20,728	14,847	-	14,847
<u>Trade Construction</u>						
Air conditioning	61,143	17,240	78,383	23,299	-	23,299
Bricklaying	6,486	18,966	25,452	24,771	-	24,771
Carpentry work	26,693	24,313	51,006	56,710	36,422	93,132
Concreting and cement work	89,421	18,625	108,046	35,943	39,175	75,118
Electrical work	69,201	109,873	179,074	209,111	150,670	359,981
Excavating	11,353	5,615	16,968	12,604	1,609	14,213
Glass and glazing	13,793	12,616	26,409	-	-	-
Lathing, plastering and stucco	27,866	31,806	59,672	15,096	20,658	35,754
Painting and decorating	-	151,641	151,641	111,896	192,637	304,533
Plumbing, heating and sanitary engineering	369,800	434,739	804,539	324,298	389,236	713,534
Roofing, sheet metal	1,747	9,516	11,263	7,546	7,496	15,042
Roofing, all other	24,846	34,976	59,822	18,912	37,634	56,546
Sheet metal work, other than roofing	46,090	74,588	120,678	59,913	88,200	145,113
Tiling, marble and terrazzo	-	7,780	7,780	14,224	-	14,224
Trades, unable to specify	169,755	136,073	305,828	156,341	162,326	318,667
TOTAL VALUE OF WORK PERFORMED	20,637,538	6,712,480	27,350,018	26,752,604	8,543,355	35,295,959

Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	1,227,012	317,301	1,544,313	1,841,587	412,222	2,253,809
Dwellings, semi-detached or double	53,694	29,817	83,511	68,890	13,226	82,115
Duplexes	42,071	24,732	66,803	37,940	60,985	98,925
Apartment houses	104,635	81,045	185,680	164,863	108,844	273,707

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Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1940 and 1941. - Concluded.

	1940			1941		
	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.	134,631	211,431	346,052	93,152	157,705	250,857
Churches and church halls	-	7,448	7,448	-	18,952	18,952
Hospitals and sanatoria	231,949	13,866	245,815	-	48,493	48,493
Schools, institutions, etc.	375,406	38,311	413,717	901,677	120,809	1,022,486
Office buildings	55,755	148,532	204,287	76,119	80,079	156,198
Stores	171,370	230,197	401,567	173,261	336,340	509,601
Theatres and amusement halls	135,380	21,111	154,491	53,859	95,622	149,481
Factories, warehouses and storehouses	-	490,703	490,703	7,501,768	598,880	8,100,648
Elevators, grain	1,427,505	780,046	2,207,551	1,073,449	382,881	1,456,330
Garages	103,296	31,531	134,827	50,923	78,410	129,333
Service stations	57,526	110,636	168,162	57,418	84,389	141,807
Mine buildings	129,130	-	129,130	-	27,250	27,250
Farm buildings	31,025	5,894	36,919	47,936	6,819	54,755
Aeroplane hangars	-	-	-	1,241,363	-	1,241,363
Buildings, unable to specify	9,794,138	14,489	9,808,627	3,442,451	47,846	3,490,297
<u>Engineering Construction</u>						
Water mains and connections	182,480	13,801	196,281	110,698	9,022	119,720
Sewers and connections	16,209	-	16,209	-	-	-
Dams and reservoirs	88,787	-	88,787	796,044	-	796,044
Electric stations, power plants, etc.	99,324	-	99,324	-	79,374	79,374
Transmission lines and towers	539,897	-	539,897	-	-	-
Aerodromes and landing fields	1,462,511	-	1,462,611	2,822,427	-	2,822,427
Engineering, unable to specify	515,846	329,819	845,665	2,377,580	597,341	2,974,921
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify	21,783	1,377	23,160	14,847	-	14,847
<u>Trade Construction</u>						
Air conditioning	61,143	17,240	78,383	23,299	-	23,299
Bricklaying	6,486	18,966	25,452	24,771	-	24,771
Carpentry work	26,693	24,313	51,006	56,710	36,422	93,132
Concreting and cement work	89,421	18,625	108,046	35,943	39,175	75,118
Electrical work	69,201	109,873	179,074	209,111	150,870	359,981
Excavating	11,353	5,615	16,968	7,716	1,609	9,325
Glass and glazing	13,793	12,616	26,409	-	-	-
Lathing, plastering and stucco	27,866	31,806	59,672	15,096	20,658	35,754
Painting and decorating	-	151,641	151,641	111,896	192,637	304,533
Plumbing, heating and sanitary engineering	369,800	434,739	804,539	324,298	389,236	713,534
Roofing, sheet metal	1,747	9,516	11,263	7,546	7,496	15,042
Roofing, all other	24,846	34,976	59,822	18,912	37,634	56,546
Sheet metal work, other than roofing	46,090	74,588	120,678	59,913	85,200	145,113
Tiling, marble and terrazzo	-	7,780	7,780	14,224	-	14,224
Trades, unable to specify	169,755	136,073	305,828	156,341	162,326	318,657
TOTAL VALUE OF WORK PERFORMED ...	17,897,644	3,990,454	21,888,098	24,014,028	4,488,751	28,502,779

Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Air conditioning</u>						
Air conditioning	34,814	-	34,814	57,182	-	57,182
Bricklaying	-	3,661	3,661	16,574	7,641	24,215
Carpentry work	17,246	430	17,676	9,712	-	9,712
Concreting and cement work	54,384	12,746	67,130	99,930	42,323	142,253

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Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1940 and 1941.
(Concluded)

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Electrical work	349,429	57,100	406,529	363,002	42,329	405,331
Excavating	67,991	-	67,991	156,720	3,366	160,086
Flooring	13,032	-	13,032	36,373	-	36,373
Glass and glazing	-	-	-	18,752	16,177	34,929
Lathing, plastering and stucco	149,038	76,540	225,578	193,355	66,798	260,153
Painting and decorating	97,758	42,178	139,936	217,086	95,332	312,418
Plumbing, heating and sanitary engineering	845,679	110,297	955,976	1,431,353	77,527	1,508,280
Roofing, sheet metal	214,574	-	214,574	-	-	-
Roofing, all other	202,157	20,283	222,440	215,261	15,843	231,104
Sheet metal work (other than roofing)	-	33,139	33,139	173,124	25,544	198,668
Tiling, marble and terrazzo	-	-	-	27,724	-	27,724
Work, unable to specify	1,093,509	57,869	1,151,378	1,308,904	40,090	1,348,994
TOTAL VALUE OF WORK PERFORMED	3,139,611	414,243	3,553,854	4,325,052	432,970	4,758,022

Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial
and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings	1,802	4,451	6,253	127,331	49,375	176,706
Office buildings	175,674	345,634	521,308	423,282	879,700	1,302,982
Warehouses or storehouses	-	6,931	6,931	16,709	14,414	31,123
Garages	-	4,048	4,048	13,142	13,090	26,232
Farm buildings	498	155	653	3,012	3,154	6,166
Armouries and barracks	619,151	126,556	745,707	-	-	-
Theatres and amusement halls	-	-	-	4,255	8,336	12,591
All other buildings and structures	104	10,136	10,240	1,933	4,837	6,770
Hard surfaced or paved streets, highways, etc.	643,357	263,801	907,158	696,855	264,405	961,260
Gravel or stone surfaced streets, highways, etc.	441,751	564,700	1,006,451	415,059	1,124,113	1,539,172
Dirt or clay roads	233,443	449,685	683,128	311,106	628,811	939,917
Grading, scraping, oiling, filling, etc.	3,457	57,761	61,218	19,899	70,401	90,300
Sidewalks	33,826	46,057	79,883	81,879	56,980	138,859
Roadside maintenance and area improvement	6,088	48,823	54,911	7,075	46,108	53,183
Bridges, viaducts, all types	80,034	247,869	327,903	96,251	220,412	316,663
Subways, overhead crossings, etc.	6,039	-	6,039	-	-	-
Culverts	25,146	20,489	45,635	32,310	14,953	47,263
Storm sewers	34,092	4,856	38,948	84,199	3,575	87,774
Tile drains, drainage ditches and open sewers	15,720	17,986	33,706	2,928	21,178	24,106
Fencing (excluding temporary snow fencing)	7,995	1,161	9,156	52,642	5,232	58,874
Guard rails	3,166	7,745	10,911	1,980	9,934	11,914
Signs	6,986	1,992	8,978	1,807	4,222	6,029
Zone painting	-	4,608	4,608	540	6,139	6,679
Watermains and connections	126,948	112,448	239,396	58,565	169,552	228,117
Reservoirs	593	-	593	6,874	396	7,270

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ALBERTA

Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1940 and 1941. - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Sewers and connections	\$ 174,475	32,829	\$ 207,304	\$ 95,067	\$ 39,654	\$ 134,721
Pole or distribution lines, electric	54,758	89,383	144,141	82,865	97,626	180,491
Docks, wharves, piers, breakwaters	2,016	472	2,488	-	979	979
Retaining walls and ripraping	1,232	932	2,164	2,638	964	3,602
Dredging	553	-	553	-	-	-
Excavating	-	-	-	4,888	-	4,888
Water control or dam	318	14,178	14,496	-	11,685	11,685
Aerodromes or landing fields	14,181	21,337	35,518	54,410	27,322	81,732
Park systems (including grounds and walks)	23,754	186,671	210,425	29,487	250,856	280,343
Telephone and telegraph lines	1,071	18,469	19,540	8,133	3,837	11,970
Works, unable to specify	1,666	9,863	11,529	1,455	1,364	2,819
TOTAL VALUE OF WORK PERFORMED	2,739,894	2,722,026	5,461,920	2,738,576	4,054,604	6,793,180

Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1940 and 1941.

	1940		1941	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed	\$ 203,183		\$ 143,610	
Lumber and timber, creosoted or chemically treated	105,262		103,695	
Piling, wood (including treated piling)	31,150		32,368	
Piling, steel	22,588		23,582	
Posts, wood	7,211		7,390	
Posts, steel	2,845		3,085	
Posts, other	41		-	
Iron and steel shapes	95,587		102,459	
Iron and steel forms	3,201		11,055	
Iron and steel reinforcing	2,350		5,383	
Hydrants	5,442		2,338	
Manhole covers and frames	5,452		4,786	
Pipe, metal	75,536		79,393	
Pipe, concrete	1,083		7,070	

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

ALBERTA

Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1940 and 1941. - Concluded.

	1940	1941
	Cost	Value
	\$	\$
Pipe, vitrified clay, etc.	52,134	42,271
Culverts	36,178	41,370
Rope or cable, wire	2,300	1,988
Rope, other	653	1,155
Wire netting or mesh	8,640	9,716
Electric light standards	100,261	16,626
Electrical supplies	53,226	98,640
Plumbing and shop supplies	28,181	39,165
Lead and lead pipe	2,838	1,122
Pipe fittings	19,946	26,148
Valves	13,712	6,944
Hardware	65,476	76,668
Paint and painters' supplies	26,410	25,266
Explosives	1,445	12,131
Fencing materials (not to include posts)	4,233	4,199
Guard rail materials (not to include posts)	970	1,363
Signs, metal	763	1,458
Brick	2,553	2,977
Stone, crushed and all other	18,198	9,768
Gravel	273,022	320,272
Sand	17,241	17,700
Cement	29,666	41,149
Concrete, ready-mix	33,489	17,699
Bituminous materials (not including oil)	227,602	268,714
Calcium chloride, salt and other chemicals	7,566	35,828
Oil, for road construction	45,626	77,817
Borrow pits, earth fill, cinders, etc.	353	1,289
Roofing materials	26,919	8,859
All other materials (unable to classify)	172,201	115,764
TOTAL COST OF MATERIALS	1,832,733	1,850,280

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

BRITISH COLUMBIA

Table 67. - Principal Statistics of the Construction Industry in British Columbia in 1940 and 1941.

	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
1940							
General and Trade Contractors and Subcontractors	No.	No.	\$	\$	\$	\$	\$
Municipalities	1,566	8,338	10,867,094	17,213,843	23,905,104	4,884,860	28,689,964
Harbours Board, Provincial and Dominion Government Departments	30	1,694	1,778,706	875,047	1,018,943	1,819,509	2,838,452
Totals	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	27,164,043	7,601,329	34,765,372
1941							
General and Trade Contractors and Subcontractors	1,889	10,792	14,935,488	28,347,472	42,308,132	6,044,221	48,352,353
Municipalities	41	1,653	1,846,953	1,096,488	1,170,294	1,941,996	3,112,290
Harbours Board, Provincial and Dominion Government Departments	7	2,094	3,089,236	2,510,199	3,064,959	2,906,013	5,970,972
Totals	1,937	14,539	19,871,677	31,954,159	46,543,385	10,892,230	57,435,615

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 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	7,984,134	863,070	8,847,204	9,435,009	709,030	10,144,039
Dwellings, semi-detached or double	90,749	22,056	112,805	278,948	25,504	304,452
Apartment houses	144,886	16,264	161,150	406,064	34,473	440,537
Business, clubs, restaurants, etc.	602,220	98,975	701,195	541,714	149,205	690,919
Churches and church halls	136,057	116,039	252,096	55,970	149,966	205,936
Hospitals and sanatoria	60,904	42,925	103,829	92,256	19,645	111,901
Schools, institutions, etc.	981,513	64,283	1,045,896	560,805	134,191	694,996
Office buildings	956,136	245,128	1,201,264	190,891	152,378	343,269
Banks	528,115	157,146	685,261	315,064	201,755	516,819
Theatres and amusement halls	573,707	262,976	836,683	796,433	443,770	1,240,203
Factories, warehouses and storehouses	293,410	42,233	335,643	365,710	63,839	432,649
Elevators, grain	3,604,003	429,003	4,033,006	11,462,498	777,267	12,239,765
Garages	24,233	7,097	31,330	-	10,405	10,405
Service stations	61,631	23,614	85,245	153,894	94,500	248,394
Ware buildings	53,697	185,843	239,540	42,941	-	42,941
Farm buildings	-	-	-	-	57,783	57,783
Radio stations	90,423	26,130	116,553	115,901	17,565	133,466
Armouries and barracks	91,259	-	91,259	-	-	-
Aeroplane hangars	228,442	6,781	235,223	1,207,820	266,126	1,473,946
Buildings, unable to specify	975,739	-	975,739	2,422,589	-	2,422,589
<u>Engineering Construction</u>	1,378,255	139,152	1,517,407	3,978,814	597,999	4,576,813
Hard surfaced or paved streets, highways, etc.	465,171	321,345	786,516	848,276	508,366	1,356,642
Gravel or stone surfaced streets, highways, etc.	268,202	350,191	618,393	679,837	848,608	1,528,445

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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 1940 and 1941. - Concluded.

	1940			1941		
	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	22,004	38,875	60,879	45,296	56,088	101,384
Grading, scraping, oiling, filling, etc.	58,728	95,045	153,773	366,024	379,749	745,773
Sidewalks	60,470	80,135	140,605	89,865	94,192	184,057
Roadside maintenance and area improvement	31,416	173,173	204,589	86,881	235,457	322,338
Bridges, viaducts, all types	79,930	99,542	179,472	187,546	447,484	635,030
Subways, overhead crossings, etc.	-	-	-	2,186	2,960	5,146
Culverts	15,369	37,584	52,953	43,457	125,788	169,245
Water mains and connections	527,567	393,509	921,076	633,041	417,958	1,050,999
Sewers and connections	184,284	92,983	277,267	159,605	93,660	253,265
Storm sewers	35,318	7,828	43,146	41,986	6,584	48,569
Tile drains, drainage ditches and open sewers	22,017	56,886	78,903	23,669	91,315	114,984
Dams and reservoirs	-	58,723	58,723	-	8,486	8,486
Fencing (excluding temporary snow fencing)	40,491	1,290	41,781	9,334	15,426	24,760
Guard rails	4,976	502	5,478	8,535	8,793	17,328
Signs	4,190	12,631	16,821	3,620	14,903	18,523
Zone painting	253	1,861	2,114	37,927	12,732	50,659
Electric stations, power plants, etc.	-	44,571	44,571	586,741	37,571	624,312
Transmission lines and towers	341,191	135,905	477,096	355,392	149,353	504,745
Railway (steam) construction work	2,592	22,549	25,141	-	24,217	24,217
Aerodromes or landing fields	2,218,539	-	2,218,539	5,144,849	223	5,145,072
Park systems, including grounds and walks	24,338	131,998	156,336	9,088	91,641	100,729
Telephone and telegraph lines	119,815	38,225	158,040	84,714	29,159	113,873
Engineering, unable to specify	1,656,372	196,464	1,852,836	1,224,191	266,923	1,491,114
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	414,773	289,596	704,369	500,169	387,473	887,642
Retaining walls, embankments and ripraping	108,075	131,922	239,997	21,054	164,736	185,790
Dredging	75,267	141,411	216,678	191,380	157,152	348,532
Pile driving	49,340	47,016	96,356	226,661	91,650	318,311
Works, unable to specify	10,758	-	10,758	442,872	-	442,873
<u>Trade Construction</u>						
Air conditioning	36,819	8,021	44,840	63,115	7,830	70,943
Bricklaying	33,765	39,667	73,432	41,552	81,641	123,143
Carpentry work	33,485	62,562	96,047	42,100	101,855	143,945
Commercial refrigeration	-	-	-	40,288	8,931	49,219
Concreting and cement work	70,738	21,696	92,434	105,008	28,573	133,581
Electrical work	149,707	219,949	369,656	187,263	233,828	421,091
Elevators, service	149,085	-	149,085	-	-	-
Excavating	90,063	-	80,063	237,657	64,026	301,683
Flooring	35,167	32,200	67,367	49,879	79,969	129,848
Glass and glazing	58,249	42,150	100,399	22,291	40,701	62,992
Lathing, plastering and stucco	67,636	17,314	84,950	59,754	22,110	81,864
Ornamental iron work	18,319	-	18,319	-	-	-
Painting and decorating	83,106	424,965	508,071	173,496	359,721	533,217
Plumbing, heating and sanitary engineering	340,285	532,801	873,086	509,232	735,155	1,244,387
Roofing, sheet metal	39,146	35,553	74,699	52,654	32,113	84,767
Roofing, all other	38,213	59,362	97,575	44,838	60,373	105,211
Sheet metal work, other than roofing	159,187	170,794	329,981	284,057	191,670	475,727
Sprinkler installation	-	1,689	1,689	-	-	-
Tiling, marble and terrazzo	-	15,736	15,736	8,411	11,802	20,213
Wrecking and demolition	-	-	-	-	27,976	27,976
Trades, unable to specify	70,014	166,395	236,409	141,274	129,808	271,082
TOTAL VALUE OF WORK PERFORMED	27,164,043	7,601,329	34,765,372	46,543,385	10,892,230	57,435,615

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

BRITISH COLUMBIA

Table 69. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors) in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	6,211,761	571,696	6,783,457	9,428,304	703,454	10,132,258
Dwellings, semi-detached or double	90,749	22,056	112,805	278,948	26,504	304,452
Duplexes	144,886	16,264	161,150	406,064	34,473	440,537
Apartment houses	602,220	98,975	701,195	541,714	149,205	690,919
Hotels, clubs, restaurants, etc.	136,057	115,903	251,960	55,970	149,966	205,936
Churches and church halls	60,904	42,925	103,829	92,256	19,645	111,901
Hospitals and sanatoria	937,425	55,313	990,738	484,441	129,516	613,957
Schools, institutions, etc.	956,136	215,143	1,171,279	180,116	151,054	331,170
Office buildings	488,332	104,461	592,793	297,590	189,716	487,306
Stores	573,707	262,976	836,683	796,433	443,770	1,240,203
Theatres and amusement halls	293,410	42,123	335,533	368,354	63,636	431,990
Factories, warehouses and storehouses	3,570,369	366,851	3,937,220	11,307,040	721,087	12,028,127
Grain elevators	23,594	5,932	29,526	-	-	-
Garages	50,017	23,342	73,359	137,354	28,771	166,125
Service stations	53,697	185,943	239,540	42,941	-	42,941
Mine buildings	-	-	-	-	57,783	57,783
Farm buildings	90,423	26,130	116,553	115,710	17,565	133,275
Armouries and barracks	-	-	-	435,544	-	435,544
Aeroplane hangars	975,739	-	975,739	2,422,589	-	2,422,589
Radio stations	91,259	-	91,259	-	-	-
Buildings, unable to specify	1,535,929	133,781	1,669,710	3,756,589	179,579	3,936,168
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	376,018	-	376,018	380,069	-	380,069
Gravel or stone surfaced streets, highways, etc.	136,899	-	136,899	337,659	46,908	384,567
Grading, scraping, oiling, filling, etc.	-	-	-	161,041	-	161,041
Sidewalks	6,682	-	6,682	-	-	-
Bridges, viaducts, all types	69,052	27,241	96,293	7,036	56,957	63,993
Water mains and connections	60,649	11,149	71,798	79,210	11,824	91,034
Sewers and connections	-	-	-	8,295	-	8,295
Electric stations, power plants, etc.	-	44,571	44,571	586,741	37,571	624,312
Transmission lines and towers	331,887	76,656	408,543	327,645	88,553	416,198
Aerodromes or landing fields	2,218,539	-	2,218,539	5,144,849	-	5,144,849
Engineering, unable to specify	1,638,545	307,175	1,945,720	873,160	216,008	1,089,168
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	395,235	121,849	517,084	484,136	227,441	711,577
Retaining walls, embankments and riprappling	-	-	-	9,764	-	9,764
Dredging	66,767	-	66,767	180,622	-	180,622
Pile driving	49,340	47,016	96,356	226,661	91,650	318,311
Works, unable to specify	107,182	110,635	217,817	442,872	35,925	478,797
<u>Trade Construction</u>						
Air conditioning	36,819	8,021	44,840	63,115	7,830	70,945
Bricklaying	33,765	39,567	73,432	41,552	31,541	123,193
Carpentry work	33,485	62,562	96,047	42,100	101,855	143,955
Commercial refrigeration	-	-	-	40,288	8,931	49,219
Concreting and cement work	70,738	21,696	92,434	105,008	28,573	133,581
Electrical work	149,707	219,949	369,656	187,263	233,828	421,091
Elevators, service	149,085	-	149,085	-	-	-
Excavating	78,774	-	78,774	-	12,604	12,604
Flooring	35,167	32,200	67,367	49,879	79,969	129,848
Glass and glazing	58,249	42,150	100,399	22,291	40,701	62,992
Lathing, plastering and stucco	67,636	17,314	84,950	59,754	22,110	81,864
Ornamental iron work	18,319	-	18,319	-	-	-
Painting and decorating	83,106	424,965	508,071	173,496	359,721	533,217
Plumbing, heating and sanitary engineering	340,285	532,801	873,086	509,232	735,155	1,244,387
Roofing, sheet metal	39,146	35,553	74,699	52,654	32,113	84,787
Roofing, all other	38,213	59,362	97,575	44,838	60,373	105,211

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

BRITISH COLUMBIA

Table 69. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors) in 1940 and 1941. - Concluded.

	1940			1941		
	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	159,187	170,794	329,981	284,057	191,670	475,727
Sprinkler installation	-	1,689	1,689	-	-	-
Tiling, marble and terrazzo	-	15,736	15,736	8,411	11,802	20,213
Wrecking and demolition	-	-	-	-	27,976	27,976
Trades, unable to specify	70,014	166,395	236,409	225,677	129,808	355,485
TOTAL VALUE OF WORK PERFORMED	23,805,104	4,884,860	28,689,964	42,308,132	6,044,221	48,352,353

Table 70. - Description, Classification and Value of Work Performed in British Columbia by Subcontractors in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	43,942	10,540	54,482	46,106	13,173	59,279
Bricklaying	149,718	5,922	155,640	224,647	24,034	248,681
Carpentry work	17,056	9,273	26,329	-	9,538	9,538
Commercial refrigeration	22,309	-	22,309	-	-	-
Concreting and cement work	165,658	33,327	198,985	235,186	19,773	254,959
Electrical work	628,853	117,738	746,591	1,528,659	228,561	1,757,220
Excavating	51,766	-	51,766	190,038	-	190,038
Flooring	493,298	64,879	558,177	784,680	88,918	873,598
Glass and glazing	99,606	46,665	146,271	85,306	56,370	141,676
Lathing, plastering and stucco	929,986	70,475	1,000,461	1,223,776	69,001	1,292,777
Masonry and stone work	-	-	-	8,506	-	8,506
Ornamental iron work	90,285	-	90,285	115,251	-	115,251
Painting and decorating	212,945	122,145	335,090	385,505	136,802	522,307
Plumbing, heating and sanitary engineering	1,898,470	146,216	2,044,686	2,450,872	215,755	2,666,627
Roofing, sheet metal	125,027	14,298	139,325	73,331	8,916	82,247
Roofing, all other	112,556	33,658	146,224	416,011	66,812	482,823
Sheet metal work, other than roofing	314,940	82,640	397,580	655,419	93,907	749,326
Street and highway work	-	-	-	10,037	-	10,037
Tiling, marble and terrazzo	186,196	55,037	241,233	232,514	54,466	286,980
Work, unable to specify	3,213,094	52,495	3,265,589	2,853,819	80,739	2,934,558
TOTAL VALUE OF WORK PERFORMED	8,755,715	865,308	9,621,023	11,519,663	1,166,765	12,686,428

Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings	1,772,373	291,374	2,063,747	6,205	5,576	11,781
Office buildings	39,783	52,685	92,468	17,474	12,039	29,513
Warehouses or storehouses	33,634	62,152	95,786	155,458	56,180	211,638
Garages	11,614	272	11,886	16,540	65,729	82,269
Elevators, grain	639	1,165	1,804	-	6,657	6,657

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

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 1940 and 1941. - Concluded.

	1940			1941		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Farm buildings	-	-	-	191	-	191
Schools, institutions, etc.	-	29,985	29,985	10,775	1,324	12,099
Hospitals and sanatoria	44,188	10,970	55,158	76,364	4,675	81,039
Armouries and barracks	62,933	6,781	69,714	771,976	251,728	1,023,704
All other buildings and structures	7,835	5,617	13,452	222,225	436,566	658,791
Hard surfaced or paved streets, highways, etc.	89,153	319,399	408,552	468,207	508,366	976,573
Gravel or stone surfaced streets, highways, etc.	131,303	332,096	463,399	342,178	801,700	1,143,878
Dirt or clay roads	12,268	38,869	51,137	12,033	56,088	68,091
Grading, scraping, oiling, filling, etc.	14,393	84,718	99,111	204,983	354,616	559,599
Sidewalks	53,788	76,922	130,710	86,449	93,497	179,946
Roadside maintenance and area improve- ment	31,416	173,173	204,589	86,881	235,457	322,338
Bridges, viaducts, all types	10,878	72,301	83,179	180,510	390,527	571,037
Subways, overhead crossings, etc.	-	-	-	2,186	2,960	5,146
Culverts	15,369	37,584	52,953	43,457	115,015	158,472
Storm sewers	35,318	7,828	43,146	41,935	6,170	48,105
Tile drains, drainage ditches and open sewers	22,017	56,886	78,903	23,669	91,315	114,984
Fencing (excluding temporary snow fencing)	13,391	1,144	14,535	6,624	15,426	22,050
Guard rails	4,976	602	5,478	8,535	8,793	17,328
Signs	4,190	12,631	16,821	3,620	14,903	18,523
Zone painting	253	1,861	2,114	37,927	12,732	50,659
Watermains and connections	466,918	382,360	849,278	553,831	406,134	959,965
Reservoirs	17,568	20,563	38,131	4,942	6,686	11,628
Sewers and connections	162,472	88,172	250,644	151,310	93,351	244,661
Pole or distribution lines, electric ..	9,304	59,249	68,553	27,747	60,800	88,547
Docks, wharves, piers and breakwaters ..	19,538	167,747	187,285	16,033	160,032	176,065
Retaining walls and riprappling	11,651	21,287	32,938	11,290	128,811	140,101
Dredging	8,500	141,411	149,911	10,758	157,152	167,910
Water control or dams	14,101	702	14,803	11,832	1,800	13,632
Aerodromes or landing fields	-	275	275	-	223	223
Excavating	1,289	-	1,289	153,254	51,422	204,676
Park systems (including grounds and walks)	24,338	90,023	114,361	9,088	91,641	100,729
Railway (steam) construction work	2,592	15,208	17,800	9,321	22,942	32,263
Railway (electric) construction work	-	2,739	2,739	-	-	-
Telephone and telegraph lines	119,815	38,225	158,040	84,714	29,159	113,873
Works, unable to specify	89,141	11,593	100,734	364,761	89,817	454,578
TOTAL VALUE OF WORK PERFORMED	3,358,939	2,716,469	6,075,408	4,235,253	4,848,009	9,083,262

Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941.

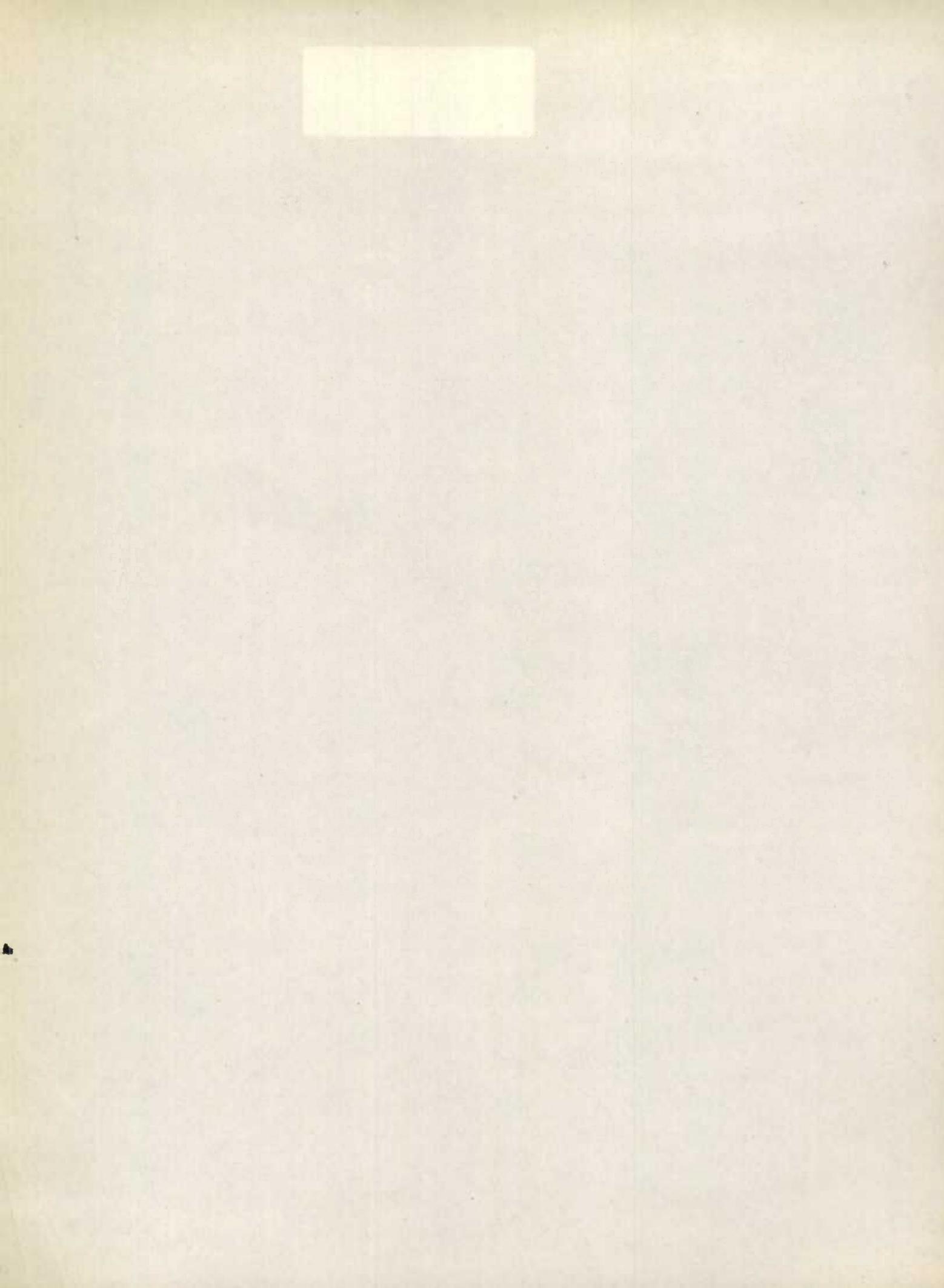
	1940		1941	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed		\$		\$
Lumber and timber, creosoted or chemically treated	702,519		638,233	
Piling, wood (including treated piling)	11,995		19,199	
Piling, other	4,446		8,106	
Posts, wood	854		1,843	
Posts, steel	5,130		3,842	
			451	

THE CONSTRUCTION INDUSTRY IN CANADA, 1941.

BRITISH COLUMBIA

Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1940 and 1941. - Concluded.

	1940	1941
	Cost Value	Cost Value
	\$	\$
Posts, other	1,602	1,245
Iron and steel shapes	11,385	28,447
Iron and steel forms	8,069	20,801
Iron and steel reinforcing	3,705	61,043
Hydrants	8,824	11,407
Manhole covers and frames	11,435	12,930
Pipe, metal	148,331	220,907
Pipe, concrete	20,846	54,712
Pipe, vitrified clay, etc.	52,586	49,517
Culverts	15,475	27,476
Rope or cable, wire	5,030	30,312
Rope, other	3,947	1,973
Wire netting or mesh	604	358
Electric light standards	2,807	3,373
Electrical supplies	164,155	141,273
Plumbing and shop supplies	136,776	85,464
Lead and lead pipe	18,766	26,799
Pipe fittings	46,925	54,338
Valves	33,406	37,785
Hardware	220,149	241,680
Paint and painters' supplies	50,171	107,063
Explosives	17,592	29,501
Fencing materials (not to include posts)	9,525	9,526
Guard rail materials (not to include posts)	10,534	-
Signs, metal	2,415	2,331
Brick	12,670	9,430
Stone, crushed and all other	28,356	47,851
Paving blocks	13,484	1,213
Gravel	77,577	135,463
Sand	33,751	40,706
Cement	44,289	77,310
Concrete, ready-mix	18,445	25,966
Bituminous materials (not including oil)	118,978	301,117
Calcium chloride, salt and other chemicals	11,543	23,722
Oil for road construction	57,758	75,296
Borrow pits, earth fill, cinders, etc.	9,596	13,248
Roofing materials	32,668	20,023
All other materials (unable to classify)	220,579	903,307
TOTAL COST OF MATERIALS	2,409,698	3,606,687



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