

64-201 24-10-21 C.2

Published by Authority of the Rt. Hon. C. D. Howe, M.P.,
Minister of Trade and Commerce

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

44-12-1949

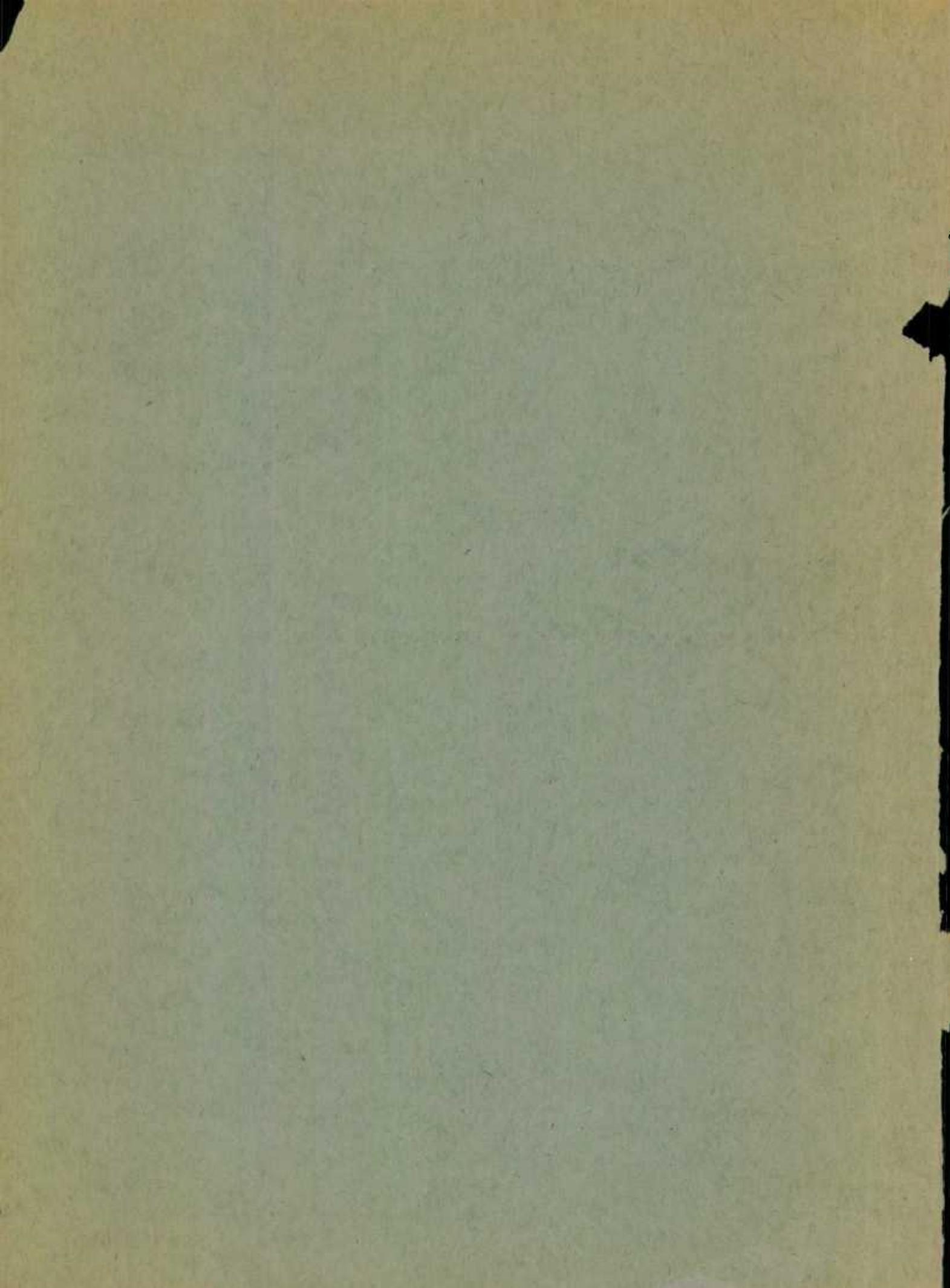
REPORT
ON THE
CONSTRUCTION INDUSTRY
IN
CANADA
1947



OTTAWA
1949

5-1010
FINAL

Price 25 cents



Published by Authority of the Rt. Hon. C. D. Howe, M.P.,

Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
CONSTRUCTION STATISTICS
OTTAWA

Dominion Statistician:

Director - Division of Census of Industry and Merchandising:

Chief - Construction Statistics:

Herbert Marshall,

W. H. Losee.

F. J. Tanner.

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

The value of work reported by the Construction Industry for 1947 reached an all-time high. While this is accounted for, in part, by increased costs of labour and materials, it will be noted that 2,749 more Builders and Contractors reported work performed in 1947 than in 1946, the previous high.

The value of work reported in 1947 amounted to \$1,256,535,677 in comparison with the 1946 value of \$868,661,403. It represents an increase of \$387,874,274, or 44.7 per cent. These values were contained in 26,542 reports received by the Dominion Bureau of Statistics from General, Trade and Subcontractors, Builders, Municipalities, Harbours Boards, Dominion and Provincial Government Departments. They include additions, alterations, maintenance and repairs as well as new construction, completed in Canada in 1947.

The value of building construction rose from \$490,407,540 in 1946 to \$658,383,053 in 1947. This represents an increase of \$167,975,513 or 34.3 per cent. Corresponding values for institutional structures were \$48,623,956 to \$73,361,869 respectively, representing an increase of \$24,737,913 or 50.9 per cent; commercial construction from \$88,081,972 to \$151,130,511 for a gain of \$63,048,539 or 71.6 per cent; industrial building from \$151,305,541 to \$193,053,068 a gain of \$41,747,527 or 27.6 per cent. The remaining building operations totalled \$8,769,191 as against \$7,534,016 in 1947, a decrease of \$1,235,175 or 14.1 per cent. This unclassified building included Farm Buildings, Hangars, Barracks, Hutsments, etc.

It will be noted that building construction accounted for 43.3 per cent of the total increase in building and construction operations in 1947 in comparison with those for 1946. Also that residential construction was responsible for 23.6 per cent of this increase.

Engineering Construction again advanced very substantially in 1947, when work to the value of \$417,664,643 was reported. This compares most favourably with the 1946 value of \$236,490,737 and represents an increase of \$181,173,906 or 76.6 per cent. It will be observed from table "A" that all Branches of Engineering showed an increase over 1946.

Building Trades, which includes jobbing and custom work, showed a marked gain in 1947, the value being \$180,487,981 in comparison with \$141,763,126 in 1946. This represents an increase of \$38,724,855 or 27.3 per cent. In addition work was performed by subcontractors to the value of \$213,277,429 which compares very favourably with the 1946 value of \$143,980,517. The value of subcontract work is shown separately as it has already been included in the total value of construction.

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

Table "A". - Types of Construction 1941-47

Type of Construction	1941	1942	1943	1944	1945	1946	1947
Total Value of Construction	\$ 639,750,624	\$ 635,649,570	\$ 572,426,551	\$ 449,838,059	\$ 543,579,833	\$ 868,661,403	\$ 1,256,535,677
Building Construction	\$ 374,491,173	\$ 351,774,880	\$ 301,884,888	\$ 220,299,940	\$ 288,092,582	\$ 490,407,540	\$ 658,383,053
Residential	\$ 87,586,340	\$ 76,346,090	\$ 63,684,367	\$ 83,927,380	\$ 125,524,346	\$ 193,626,880	\$ 233,303,589
Institutional	\$ 15,174,464	\$ 14,246,025	\$ 13,148,233	\$ 21,005,720	\$ 30,449,556	\$ 48,623,956	\$ 73,361,869
Commercial	\$ 41,157,146	\$ 30,638,095	\$ 26,439,561	\$ 29,233,985	\$ 42,873,383	\$ 88,081,972	\$ 151,130,611
Industrial (includes factories, warehouses, mine buildings, etc.)	\$ 177,698,288	\$ 159,346,630	\$ 140,396,554	\$ 71,131,759	\$ 82,800,022	\$ 151,305,541	\$ 193,053,068
Other building	\$ 52,874,955	\$ 71,197,840	\$ 58,216,173	\$ 16,001,138	\$ 6,445,275	\$ 8,769,191	\$ 7,534,016
Engineering, Harbours, Rivers, etc.	\$ 200,656,038	\$ 217,279,062	\$ 203,527,830	\$ 153,123,802	\$ 156,907,665	\$ 236,490,737	\$ 417,664,643
Streets, highways, etc.	\$ 68,358,629	\$ 59,619,536	\$ 66,582,959	\$ 68,381,994	\$ 78,585,511	\$ 110,861,127	\$ 201,449,415
Bridges, watermains, sewers, dams, reservoirs, etc.	\$ 40,490,145	\$ 34,044,730	\$ 30,256,377	\$ 22,020,560	\$ 27,427,629	\$ 46,069,313	\$ 66,907,468
Electric stations and transmission lines	\$ 37,090,038	\$ 60,697,808	\$ 30,843,814	\$ 19,919,488	\$ 24,704,582	\$ 48,952,056	\$ 102,831,259
Docks, wharves, piers, etc.	\$ 6,475,872	\$ 10,099,471	\$ 10,282,332	\$ 5,819,364	\$ 7,693,748	\$ 7,226,246	\$ 10,540,270
Other engineering (includes aerodromes, parks, canals, dredging, pile driving, etc.)	\$ 48,241,454	\$ 52,817,517	\$ 65,562,348	\$ 36,982,398	\$ 20,496,195	\$ 23,381,995	\$ 35,936,231
Building Trades	\$ 64,603,413	\$ 66,595,828	\$ 67,013,833	\$ 76,414,517	\$ 96,579,586	\$ 141,763,126	\$ 180,487,981

Table "B". - Changes in types of Construction during the past six years.

Type of Construction	1947 Compared with 1941	1947 Compared with 1942	1947 Compared with 1943	1947 Compared with 1944	1947 Compared with 1945	1947 Compared with 1946
Total Value of Construction	\$ +228,910,779	\$ +233,011,833	\$ +296,234,852	\$ +418,823,344	\$ +325,081,570	\$ +387,874,274
Building Construction	\$ +116,916,367	\$ +138,632,880	\$ +188,522,652	\$ +270,107,600	\$ +202,314,958	\$ +167,975,513
Residential	\$ +106,040,540	\$ +117,280,790	\$ +129,942,513	\$ +109,699,520	\$ +68,102,634	\$ +39,676,709
Institutional	\$ + 35,449,492	\$ + 34,377,931	\$ + 35,475,723	\$ + 27,618,236	\$ + 18,174,400	\$ + 24,737,913
Commercial	\$ + 46,924,826	\$ + 57,443,877	\$ + 61,642,411	\$ + 58,848,007	\$ + 45,208,589	\$ + 63,048,539
Industrial (includes factories, warehouses, mine buildings, etc.)	\$ - 26,392,727	\$ - 8,041,089	\$ + 10,908,987	\$ + 80,173,782	\$ + 66,505,519	\$ + 41,747,527
Other building	\$ - 44,105,784	\$ - 62,428,649	\$ - 49,446,982	\$ - 6,231,945	\$ + 2,323,916	\$ - 1,235,179
Engineering, Harbours, Rivers, etc.	\$ + 35,834,699	\$ + 19,211,875	\$ + 32,962,907	\$ + 83,366,935	\$ + 77,583,072	\$ + 181,173,906
Streets, highways, etc.	\$ + 42,502,598	\$ + 61,241,591	\$ + 44,278,168	\$ + 42,479,133	\$ + 32,275,616	\$ + 90,588,268
Bridges, watermains, sewers, dams, reservoirs, etc.	\$ + 5,579,168	\$ + 12,024,583	\$ + 15,812,936	\$ + 24,048,753	\$ + 18,641,684	\$ + 20,838,155
Electric stations and transmission lines	\$ + 11,862,018	\$ - 11,745,752	\$ + 18,108,242	\$ + 29,032,568	\$ + 24,247,474	\$ + 53,879,203
Dock, wharves, piers, etc.	\$ + 750,374	\$ - 2,873,225	\$ - 3,056,086	\$ + 1,406,862	\$ - 467,502	\$ + 3,314,024
Other engineering (includes aerodromes, parks, canals, dredging, pile driving, etc.)	\$ - 24,859,459	\$ - 29,435,522	\$ - 42,180,353	\$ - 13,600,401	\$ + 2,885,800	\$ + 12,554,236
Building Trades	\$ + 77,159,713	\$ + 75,167,298	\$ + 74,749,293	\$ + 65,348,809	\$ + 45,183,540	\$ + 38,724,855

* Increase

- Decrease.

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

General, trade contractors and builders were responsible for \$1,097,381,782 or 87.3 per cent of the value of work reported to the Bureau in 1947. Provincial Government Departments accounted for \$93,172,148, Municipalities for \$47,341,030, Dominion Government Departments for \$16,613,074 and the Harbours Boards for \$2,027,643.

No special compilation is made of "public" construction as such operations are not required to be shown separately by contractors and builders.

In 1947, new construction was reported to the extent of \$1,001,909,467, representing a gain of \$424,537,324 or 73.5 per cent over the 1946 valuation of \$677,372,143. Additions, alterations, maintenance and repairs accounted for \$254,626,210 and this was a decrease from the 1946 figure \$291,289,280 of \$36,663,050 or 12.6 per cent. It will be noted that while new construction and building of all types displayed a greatly enhanced value in 1947, the amount for additions, alterations, maintenance and repairs declined sharply. It will also be noted that the value of new residential construction, which includes all types of dwelling units totalled \$233,303,589; an increase of \$39,676,709 or 20.0 per cent over the 1946 value of \$180,691,370.

Employment in the Construction Industry in 1947 showed a drastic increase both in number of persons employed and the amount of their remuneration in comparison with the previous year. Total employment, including both salaried employees and wage-earners, was 250,330, the amount of salaries and wages paid being \$482,907,226. Corresponding figures for 1946 were 198,851 and \$344,893,057 and the 1947 figures represent increases of 51,479 or 25.9 per cent and \$138,014,169 or 40.0 per cent.

Employment by groups in 1947 with the relative increases over 1946 are shown as follows. General, Trade, Sub-contractors and Builders; employees 204,954, remuneration \$403,250,572, increases of \$107,967,708 or 36.6 per cent. Provincial Government Departments; employees 24,776, remuneration \$43,969,653, increases of \$22,996,792 or 109.7 per cent. Municipalities; employees 14,471, remuneration \$24,054,897, increases of \$5,516,509 or 26.4 per cent. Dominion Government Departments; employees 5,445, remuneration \$9,464,788, increases of \$1,405,549 or 17.4 per cent. The Harbours Boards; employees 685, remuneration \$1,267,316, increases of \$127,611 or 1.1 per cent.

Construction being a more or less seasonal industry, the number of wage-earners varies considerably. In 1947, August with 260,108 was the month of maximum employment and January with 145,210 the minimum one. In 1946, the months and figures were August, maximum with 195,793, and February, minimum with 112,176.

The Provinces of Ontario and Quebec accounted for the larger part of construction and building performed in 1947. In this year they reported 66.9 per cent of the value of work performed, of all employment 66.9 per cent of salaries and wages paid 67.1 per cent, and 67.0 per cent of the cost of materials. Corresponding percentages for 1946 were 66.0 per cent of the value of work performed; of all employment 65.8 per cent; of salaries and wages paid 66.5 per cent, and 67.1 per cent of the cost of materials.

Table 17 for 1947 indicates that a more adequate Provincial representation has been given to the principal cities. It will be borne in mind that the figures contained in the table do not represent construction etc. actually performed in the respective cities, but work undertaken by contractors etc. domiciled therein.

Values and costs shown in this report refer to "on site" operations only and do not include any statistics relating to the manufacture of building or other materials.

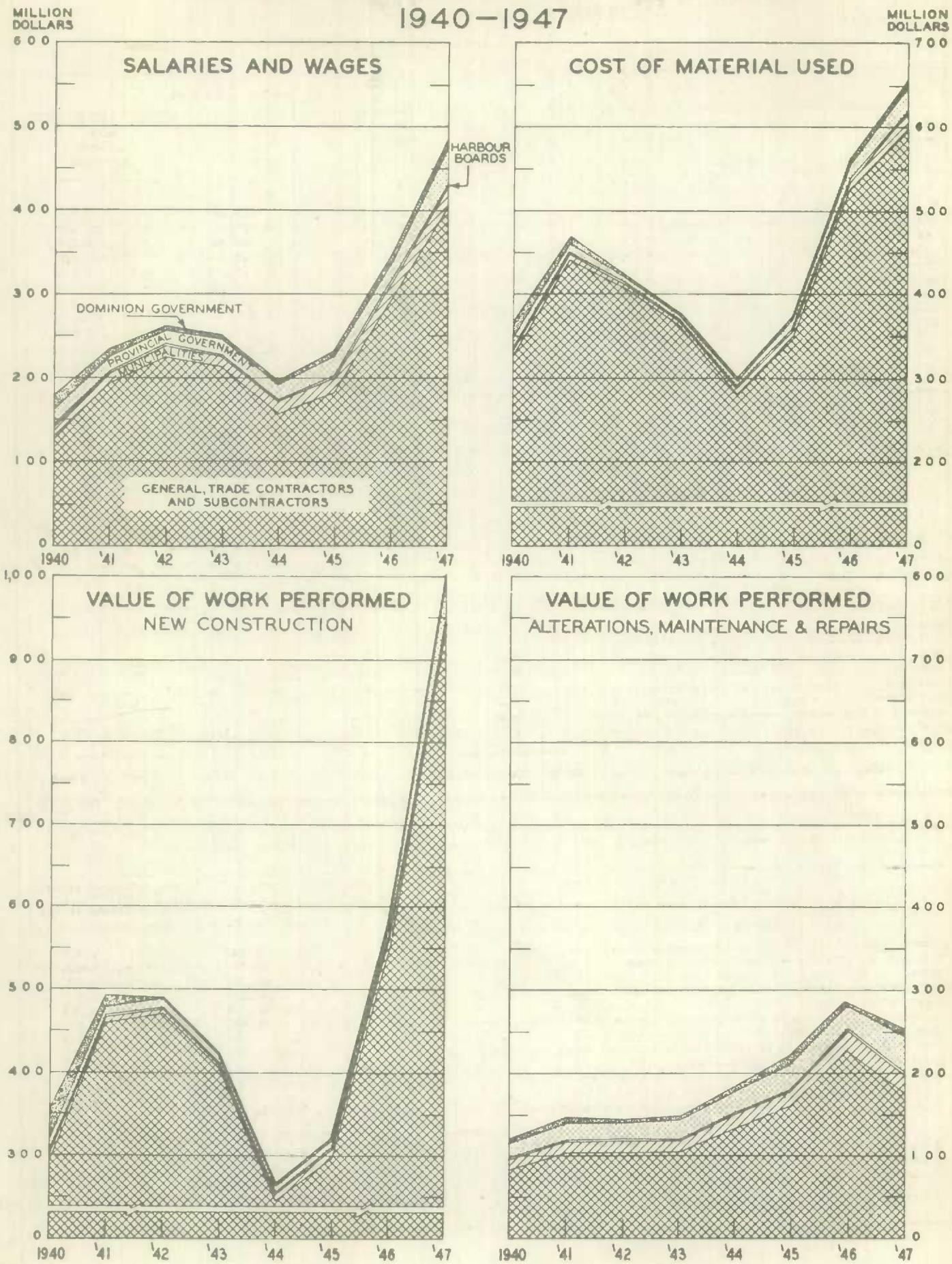
The number of delinquent returns which we are unable to include in this 1947 report are as follows:

Provincial Government Departments	1
Municipalities	53
Contractors and Builders	2,337
Total	2,371

The following tables include complete and detailed information in connection with operations of the Construction Industry in Canada for the year 1946 and 1947, also general information, in some cases, dating back to 1940.

THE CONSTRUCTION INDUSTRY IN CANADA

1940-1947



THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

Table 1. - Actual Variations in the Principal Statistics of 1947 in comparison with 1946, by Provinces.

Provinces	+ Denotes an increase		- Denotes a decrease	
	Employees	Salaries and Wages Paid	Cost of Materials	Value of Work Performed
	No.	↓	↑	↓
Prince Edward Island	+ 97	+ 241,137	+ 139,883	+ 689,340
Nova Scotia	+ 265	+ 4,972,967	+ 5,355,956	+ 12,038,495
New Brunswick	+ 2,102	+ 4,708,915	+ 8,809,452	+ 14,915,565
Quebec	+ 17,078	+ 41,833,556	+ 57,363,102	+ 112,932,490
Ontario	+ 19,705	+ 52,812,321	+ 72,747,033	+ 154,034,084
Manitoba	+ 2,307	+ 5,289,570	+ 9,870,140	+ 17,791,760
Saskatchewan	+ 1,914	+ 4,443,753	+ 4,844,885	+ 10,731,383
Alberta	+ 2,064	+ 5,424,993	+ 8,007,032	+ 16,077,914
British Columbia	+ 5,957	+ 18,286,957	+ 27,893,201	+ 48,665,242
CANADA	+ 51,489	+ 138,014,169	+ 195,030,484	+ 367,874,274

Table 2. - Percentage Distribution of the Principal Statistics of 1947 in comparison with 1946, by Provinces.

	Employees		Salaries and Wages Paid		Cost of Materials		Value of Work Performed	
	1946	1947	1946	1947	1946	1947	1946	1947
	%	%	%	%	%	%	%	%
Prince Edward Island3	.3	.2	.2	.3	.2	.3	.2
Nova Scotia	6.3	5.0	5.3	4.8	4.2	3.7	4.7	4.2
New Brunswick	3.7	3.8	3.3	3.3	2.9	3.4	3.2	3.4
Quebec	27.1	28.3	26.3	27.4	27.0	27.7	26.0	26.9
Ontario	38.7	38.6	40.2	39.5	40.1	39.3	40.0	39.9
Manitoba	4.5	4.5	4.5	4.3	5.1	5.1	5.0	4.9
Saskatchewan	3.0	3.2	2.9	3.1	3.4	3.1	3.4	3.2
Alberta	5.1	4.9	5.2	4.9	5.7	5.3	5.9	5.4
British Columbia	11.3	11.4	12.1	12.5	11.3	12.2	11.5	11.9
CANADA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 3. - Comparison of the Principal Statistics of the Construction Industry in Canada, 1946 and 1947.

		1946	1947	* Increase - Decrease
Reports received	No.	23,793	28,542	+ 2,749
Salaried employees	No.	37,571	47,179	+ 9,608
Salaries	\$	71,278,215	96,008,310	+ 24,730,095
Wage-earning employees (average)	No.	161,280	203,152	+ 41,872
Wages paid	\$	273,614,842	386,898,916	+ 113,284,074
Total employees	No.	198,651	250,330	+ 51,479
Total salaries and wages paid	\$	344,893,057	482,907,226	+ 138,014,169
Cost of materials used	\$	459,965,741	654,996,225	+ 195,030,484
Value of work performed	\$	868,661,403	1,256,535,677	+ 387,874,274
New construction (including subcontract work) Additions, alterations, maintenance and repairs	\$	577,372,143	1,001,909,467	+ 424,537,324
		291,289,260	254,826,210	- 36,863,050
Subcontract work performed:	\$	143,980,517	213,277,429	+ 69,296,912
New construction	\$	115,343,772	182,860,508	+ 67,516,536
Additions, alterations, maintenance and repairs	\$	28,636,745	30,417,121	+ 1,780,376

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

Table 4. - Statement of the Construction

	CANADA	PROVINCES			
		Prince Edward Island	Nova Scotia	New Brunswick	
Reports received	No.	26,542	87	870	579
Salaried employees	No.	47,179	180	1,894	1,313
Salaries paid	\$	96,006,310	266,751	3,780,469	2,473,154
Wage-earning employees - Average	No.	203,151	508	10,948	8,129
Wages paid	\$	386,898,916	818,175	19,311,130	13,507,882
Total employees	No.	250,330	838	12,842	9,442
Total salaries and wages paid	\$	482,907,226	1,074,926	23,091,619	15,981,036
Cost of materials used	\$	654,996,225	1,554,701	24,460,044	22,160,984
Value of work performed	\$	1,256,535,677	3,070,960	52,896,815	42,674,675
New construction	\$	1,001,909,467	2,155,854	33,132,689	33,969,689
Alterations, maintenance and repairs	\$	254,626,210	915,108	19,764,126	8,704,986
Building Construction	\$	658,383,053	1,120,219	24,551,625	14,533,672
Residential	\$	233,303,589	315,557	4,752,432	4,243,048
Institutional	\$	73,361,869	236,410	3,658,073	3,115,870
Commercial	\$	151,130,511	357,058	4,236,480	4,198,382
Industrial	\$	193,053,068	193,456	11,405,976	2,780,045
Other building	\$	7,534,016	17,738	498,664	198,327
Engineering, Harbours, Rivers, etc.	\$	417,664,843	1,489,879	23,008,223	24,252,322
Streets, highways, etc.	\$	201,449,415	977,805	15,197,844	14,934,926
Bridges, viaducts, etc.	\$	19,110,260	12,749	861,950	1,205,498
Watermains, sewers, etc.	\$	35,578,364	20,565	978,338	827,210
Dams, reservoirs, etc.	\$	11,210,844	-	340,025	24,506
Electric stations and transmission lines	\$	102,831,259	33,554	1,299,364	3,640,422
Docks, wharves, piers, etc.	\$	10,540,270	281,719	2,268,402	x
All other engineering, etc.	\$	35,936,231	163,487	2,062,310	3,619,660
Building Trades (jobbing)	\$	180,487,981	460,862	5,336,967	3,888,681
Electrical work	\$	24,264,136	88,756	468,486	430,258
Plumbing, heating and air conditioning	\$	53,405,463	227,750	1,857,861	1,477,682
Brick, masonry and concrete	\$	10,302,171	41,800	239,479	91,794
Carpentry work	\$	9,783,776	x	527,325	201,273
Painting, decorating and glazing	\$	23,238,034	30,252	849,256	574,210
Lathing, plastering and stucco	\$	4,091,504	x	56,556	53,569
Sheet metal work and metal roofing	\$	10,304,010	x	240,788	175,604
Other roofing	\$	6,101,768	x	68,537	80,404
Other trades	\$	38,997,119	72,304	1,030,677	803,889

(x) Unable to specify.

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

Industry in Canada by Provinces, 1947.

PROVINCES					
Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
5,009	11,242	1,442	1,179	1,947	4,187
11,356	19,666	2,584	1,565	2,708	5,963
24,386,742	41,271,822	4,535,203	2,798,698	5,090,585	11,414,866
59,614	76,909	8,591	6,348	9,553	22,551
108,108,534	150,204,805	16,183,296	11,736,779	18,403,082	48,623,233
70,970	96,575	11,175	7,913	12,261	28,514
132,495,276	191,476,627	20,718,499	14,537,477	23,493,667	60,038,099
181,616,839	257,098,224	33,396,594	20,266,588	34,409,472	80,032,799
338,514,778	501,650,833	61,254,260	40,008,598	67,651,310	148,813,448
275,848,737	397,874,990	49,771,456	31,471,454	55,276,021	122,406,577
62,668,041	103,775,843	11,482,804	8,537,144	12,373,289	26,406,871
177,145,967	267,224,420	33,116,364	23,170,841	37,054,110	80,465,835
47,286,591	95,215,187	17,093,851	7,664,273	18,531,743	38,200,907
29,507,536	22,661,214	2,980,247	3,016,673	3,210,908	4,974,938
41,506,464	58,343,330	7,589,106	8,434,196	9,099,132	17,368,364
57,470,682	88,007,893	5,163,259	3,873,188	5,408,244	18,750,325
1,374,694	2,998,796	289,902	182,511	804,083	1,171,301
114,209,708	149,822,821	19,399,109	12,421,011	22,502,264	50,559,306
60,633,867	59,862,243	6,938,436	8,558,195	13,706,593	20,638,506
7,097,878	3,855,399	830,352	458,442	1,123,518	3,664,474
8,861,783	15,688,265	2,109,158	1,237,602	2,205,258	4,650,185
7,566,312	757,284	689,096	534,067	1,712,599	3,594,856
30,436,445	54,549,823	6,966,997	564,816	2,927,545	12,412,303
3,269,416	2,680,298	289,929	942	22,398	2,747,166
11,344,007	12,449,509	1,574,141	1,086,947	804,353	2,861,817
47,159,103	84,603,592	8,738,787	4,416,746	8,094,936	17,788,507
5,400,280	11,539,793	1,547,996	982,133	616,044	3,192,392
13,343,641	24,698,075	2,945,521	1,350,524	3,160,032	4,344,377
3,384,227	4,681,965	476,050	166,752	500,123	719,961
1,939,684	5,379,987	408,012	258,892	804,965	463,638
5,601,029	10,731,117	1,233,281	663,640	940,481	2,614,766
1,022,266	1,958,963	195,198	103,024	254,315	447,613
2,531,195	4,972,382	355,980	365,994	422,296	1,239,771
1,166,825	5,374,054	237,725	72,931	253,808	847,484
12,769,956	17,267,256	1,339,024	452,856	1,342,872	3,918,285

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

Table 5. - Statement of the Construction Industry in Canada, 1940 - 1947.

	1940	1941	1942	1943	1944	1945	1946	1947
Reports received	No. 12,849	15,031	13,754	12,600	16,121	19,025	23,793	26,542
Salaried employees No. 25,810	28,428	26,596	25,015	26,767	30,646	37,571	47,179	
Salaries paid \$ 35,781,693	43,424,113	43,871,755	43,726,277	44,285,139	52,296,053	71,278,215	96,008,310	
Wage-earning employees- Average No. 124,020	147,930	148,671	130,285	97,125	115,884	161,280	203,151	
Wages paid \$ 144,447,805	192,207,668	218,171,716	207,707,516	153,418,845	181,695,401	273,614,842	386,898,916	
Total employees No. 149,830	176,358	175,267	155,300	123,892	146,530	198,851	250,330	
Total salaries and wages paid \$ 180,229,498	235,631,781	262,043,471	251,433,793	197,703,984	233,991,454	344,893,057	482,907,228	
Cost of materials used . \$ 267,228,786	370,188,739	324,732,380	278,888,384	200,801,042	275,821,996	459,965,741	654,996,225	
Value of work performed \$ 474,122,778	639,750,624	635,649,570	572,426,551	449,838,059	543,579,833	868,661,403	1,256,535,677	
New Construction \$ 352,301,695	491,396,828	490,317,917	422,423,651	265,819,003	320,226,176	577,372,143	1,001,909,467	
Alterations, repairs, etc. \$ 121,821,083	148,353,796	145,331,653	150,002,900	184,019,056	223,354,657	291,289,260	254,626,210	
Building Construction .. \$ 257,800,560	374,491,173	351,774,680	301,884,888	220,299,940	288,092,582	490,407,540	650,383,053	
Residential \$ 59,925,197	87,586,340	76,346,090	63,684,367	83,927,360	125,524,346	193,626,880	233,303,589	
Institutional \$ 17,208,419	15,174,464	14,246,025	13,148,233	21,005,720	30,449,556	48,623,956	73,361,869	
Commercial \$ 41,748,521	41,157,146	30,638,095	26,439,561	29,233,965	42,873,383	88,081,972	151,130,511	
Industrial \$ 80,624,101	177,698,268	159,346,630	140,396,554	71,131,759	82,800,022	151,305,541	193,053,068	
Other building \$ 58,294,322	52,874,955	71,197,840	58,216,173	15,001,136	6,445,275	8,769,191	7,534,016	
Engineering, Harbours, Rivers, etc. \$ 164,831,545	200,656,038	217,279,062	203,527,830	153,123,802	158,907,665	236,490,737	417,664,643	
Streets, highways, etc. \$ 60,468,279	68,358,529	59,619,536	66,582,959	68,381,994	78,585,511	110,861,127	201,449,415	
Bridges, viaducts, etc. \$ 7,188,649	8,124,980	6,426,762	8,242,102	6,507,649	8,151,938	9,780,744	19,110,260	
Watermains, sewers, etc. \$ 12,267,214	15,582,087	16,539,013	14,357,063	13,640,706	16,149,402	27,024,133	36,578,364	
Dams, reservoirs, etc. \$ 3,637,190	16,783,078	11,078,955	7,657,212	1,872,205	3,126,289	9,264,436	11,218,844	
Electrical stations and transmission lines .. \$ 35,718,009	37,090,038	60,697,808	30,843,814	19,919,488	24,704,582	48,962,066	102,831,259	
Docks, wharves, piers, etc. \$ 4,809,071	6,475,872	10,099,471	10,282,332	5,819,364	7,693,748	7,226,246	10,540,270	
All other engineering, etc. \$ 42,743,153	48,241,454	52,617,517	65,562,348	36,982,396	20,496,195	23,381,995	35,836,231	
Building Trades, (jobbing) \$ 61,490,673	64,603,413	66,695,826	67,013,833	76,414,317	96,679,586	141,763,126	180,487,981	
Electrical work \$ 5,036,362	7,080,306	8,004,332	7,802,484	9,279,276	14,192,659	20,881,652	24,264,136	
Plumbing, heating and air conditioning \$ 17,712,940	21,337,748	21,905,581	22,955,906	24,974,448	30,248,652	46,030,206	53,405,463	
Brick, masonry and concrete \$ 2,095,012	3,193,109	3,166,470	3,383,218	3,463,090	4,843,571	7,265,921	10,302,171	
Carpentry \$ 2,498,547	2,390,659	2,171,278	2,293,094	3,179,213	4,478,934	6,266,898	9,783,776	
Painting, decorating and glazing \$ 6,892,340	7,602,730	7,759,887	8,363,547	12,008,673	18,696,440	19,811,635	23,238,034	
Lathing, plastering and stucco \$ 1,187,062	1,310,957	1,228,231	1,330,744	1,605,376	1,895,120	2,687,108	4,091,504	
Sheet metal work and metal roofing \$ 3,920,122	5,324,026	5,105,500	4,719,456	4,569,212	5,772,234	8,949,924	10,304,010	
Other roofing \$ 2,738,856	2,667,101	3,007,617	3,296,531	3,536,472	4,209,906	5,544,855	6,101,768	
Other trades \$ 9,409,512	13,696,777	14,246,932	12,868,855	13,898,557	17,243,070	24,824,927	38,997,119	

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

C A N A D A

Table 6. - Principal Statistics of the Construction Industry in Canada in 1946 and 1947.

	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>1946</u>	No.	\$	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors	23,356	165,518	295,282,864	426,800,935	546,762,856	229,689,564	775,452,420
Municipalities	341	12,505	19,438,388	12,526,339	13,231,928	20,850,153	34,082,081
The Harbours Board	12	660	1,135,705	532,777	173,022	1,624,165	1,797,187
Provincial Government Departments	21	15,427	20,972,861	15,220,591	16,004,077	27,939,119	43,943,196
Dominion Government Departments ..	63	4,741	8,059,239	4,885,099	2,200,260	11,186,259	13,386,519
Totals	23,793	198,851	344,893,057	459,965,741	577,372,143	291,289,260	868,661,403
<u>1947</u>							
General and Trade Contractors and Subcontractors	26,020	204,954	403,250,572	599,005,684	919,885,252	177,496,530	1,097,381,782
Municipalities	377	14,471	24,954,897	18,763,180	26,016,295	22,324,735	(47,341,030)
The Harbours Board	12	685	1,267,316	670,211	334,286	1,693,357	1,207,643
Provincial Government Departments	29	24,775	43,969,653	29,450,100	48,863,458	44,308,690	93,172,148
Dominion Government Departments ..	104	5,445	9,464,788	7,107,080	7,810,176	8,802,898	16,613,074
Totals	26,542	250,330	482,907,226	654,996,225	1,001,909,467	254,626,210	1,256,535,677

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 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	136,125,588	14,361,375	150,486,963	175,318,341	12,247,767	187,566,108
Dwellings, semi-detached or double	11,747,742	2,102,464	13,850,206	12,096,967	1,077,780	13,174,747
Duplexes	10,775,901	1,651,378	12,427,279	10,582,685	619,805	11,202,290
Apartment houses	12,042,139	4,820,233	16,862,432	20,512,509	1,048,135	21,360,444
Hotels, clubs, restaurants, etc.	5,759,917	4,404,259	10,164,176	16,869,406	1,316,336	18,185,742
Churches and church halls	3,786,668	1,555,579	5,342,147	8,422,495	898,779	9,321,274
Hospitals and sanatoria	18,640,859	3,511,339	22,152,198	25,906,822	1,023,544	26,930,168
Schools, institutions, etc.	15,318,436	5,811,175	21,129,611	34,834,386	2,276,043	37,110,429
Office buildings	10,031,266	12,018,488	22,049,754	34,778,968	6,353,605	41,132,573
Stores	12,817,415	9,544,462	22,361,877	25,393,840	4,941,699	30,335,559
Theatres and amusement halls	4,049,175	1,637,702	5,586,877	15,566,739	1,153,429	16,710,168
Factories, warehouses and storehouses ..	100,036,882	43,640,782	143,677,664	162,029,472	24,056,434	166,085,906
Elevators, grain	1,690,846	4,576,314	6,267,160	8,573,716	3,337,615	11,911,331
Garages	9,038,788	2,500,492	11,539,280	15,349,323	1,836,175	17,185,498
Service stations	4,588,089	5,221,261	9,809,350	10,694,937	4,454,905	15,149,842
Mine buildings	6,975,386	652,491	7,627,877	6,623,674	343,488	6,967,162
Farm buildings	2,073,902	981,169	3,065,071	2,662,673	696,433	3,358,106
Radio stations	259,622	43,876	303,498	478,447	41,371	519,818
Armouries and barracks	793,711	2,723,788	3,517,499	744,709	716,018	1,459,727
Aeroplane hangars	-	24,254	24,254	667,497	-	667,497
Buildings, unable to specify	647,016	1,525,351	2,172,367	1,445,016	603,670	2,048,684

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947. - Continued.

	1946			1947		
	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.	27,876,827	11,790,678	39,667,505	53,165,287	15,087,269	68,252,566
Gravel or stone surfaced streets, highways, etc.	21,670,199	21,486,420	43,156,619	57,442,028	27,093,332	84,535,360
Dirt or clay roads	6,700,570	2,635,737	9,536,307	14,564,313	2,040,430	16,604,743
Grading, scraping, oiling, filling, etc.	4,991,176	4,279,748	9,270,924	9,200,458	8,142,113	17,342,571
Sidewalks	1,817,025	999,058	2,816,083	2,585,130	862,089	3,447,219
Roadside maintenance and area improvement .	295,862	2,543,329	2,839,191	1,000,023	3,740,839	4,740,862
Bridges, viaducts, all types	4,347,978	5,104,921	9,452,900	14,148,725	4,249,958	18,398,683
Subways, overhead crossings, etc.	73,599	254,245	327,844	507,137	204,440	711,577
Culverts	2,025,694	717,496	2,743,180	3,524,643	1,441,386	4,966,029
Water mains and connections	10,240,108	3,233,205	13,473,313	12,399,927	3,806,416	16,206,343
Sewers and connections	8,426,780	1,412,607	9,838,387	14,175,832	1,081,751	15,257,583
Storm sewers	1,599,098	265,972	1,666,070	2,193,533	410,363	2,603,896
Tile drains, drainage ditches and open sewers	1,273,180	774,183	2,047,363	1,653,115	857,427	2,510,542
Dams and reservoirs	8,225,610	1,038,826	9,264,436	10,609,989	608,855	11,218,844
Street Lighting	-	-	-	234,718	281,168	515,886
Fencing, (excluding temporary snow fencing)	527,194	143,779	670,973	1,022,873	132,496	1,155,369
Guard rails	17,921	216,102	233,023	99,558	419,107	518,665
Signs	55,967	379,598	435,565	272,263	428,994	701,257
Zone painting	42,116	120,614	162,730	63,247	270,906	340,153
Electric stations, power plants, etc.	19,887,027	8,248,985	28,136,012	60,269,499	7,016,618	67,286,117
Transmission lines and towers	17,538,700	2,630,676	20,169,376	30,713,679	3,469,551	34,183,230
Railway (steam) construction work	842,540	677,681	1,420,221	2,424,011	451,286	2,875,297
Railway (electric) construction work	81,365	222,772	304,137	1,370,939	1,409,031	2,779,970
Aerodromes or landing fields	1,728,713	258,846	1,987,659	3,366,215	73,494	3,438,709
Park systems (including grounds and walks).	552,106	2,651,405	3,103,511	909,588	2,891,141	3,800,829
Underground conduits	1,377,915	3,000	1,380,915	3,143,789	-	3,143,789
Telephone and telegraph lines	329,604	317,064	646,668	679,148	166,878	846,026
Installation of machinery	1,644,722	427,469	2,072,191	1,438,229	40,636	1,478,865
Gas mains and connections	600,726	19,964	620,689	1,068,182	202,667	1,270,849
Engineering, unable to specify	1,344,559	1,761,947	3,106,506	2,286,835	1,607,044	3,893,879
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	3,393,197	3,209,459	6,602,656	9,056,533	2,177,696	11,234,229
Retaining walls, embankments and ripraping	323,546	300,044	623,590	1,397,840	522,963	1,920,803
Canals and waterways	1,335,277	490,372	1,828,649	743,968	358,430	1,102,398
Dredging	4,176,397	1,723,345	5,899,742	2,874,027	4,793,506	7,667,533
Pile driving	509,784	166,911	676,695	589,062	121,566	710,718
Works, unable to specify	313,207	-	313,207	2,197	1,067	3,264
<u>Trade Construction</u>						
Air conditioning	1,341,855	698,022	2,039,877	2,001,510	621,116	2,622,626
Bricklaying	1,363,848	1,527,774	2,891,622	2,523,565	1,140,225	3,663,790
Carpentry work	1,806,259	4,460,639	6,266,898	4,219,120	5,608,133	9,827,253
Commercial refrigeration	1,382,893	896,464	2,279,357	2,164,738	601,848	2,768,586
Concreting and cement work	2,206,273	1,351,260	3,557,533	3,587,209	2,165,113	5,742,322
Electrical work	8,012,000	12,869,652	20,881,652	12,689,229	11,574,907	24,264,136
Elevators, service	2,980,367	2,609,478	5,589,845	6,273,558	2,468,508	8,742,086
Excavating	1,613,110	347,049	1,960,159	3,441,978	421,238	3,863,216
Flooring	769,863	953,573	1,723,436	1,552,163	1,515,389	3,067,552
Glass and glazing	568,997	1,242,566	1,808,563	2,901,167	669,578	3,570,745
Lathing, plastering and stucco	1,472,388	1,214,720	2,687,108	2,806,205	1,286,647	4,092,852
Masonry and stone work	579,975	236,791	816,766	640,778	255,281	896,059
Ornamental iron work	411,396	367,110	768,506	308,695	648,348	957,043
Painting and decorating	2,442,509	15,060,563	17,503,072	4,180,533	15,486,756	19,667,289

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations, Maintenance and Repairs	Total Value	New Construction	Alterations, Maintenance and Repairs	Total Value
<u>Trade Construction - Concluded.</u>						
Plumbing, heating and sanitary engineering	15,595,865	28,394,464	43,990,329	22,684,535	28,198,302	50,782,837
Roofing, sheet metal	1,006,419	1,611,996	2,618,415	1,398,585	1,583,034	2,981,618
Roofing, all other	1,596,563	3,948,292	5,544,855	1,944,923	4,159,239	6,104,162
Sheet metal work, other than roofing	2,494,095	3,837,414	6,331,509	3,918,444	3,405,021	7,323,465
Sprinkler installation	1,091,635	369,256	1,460,891	1,747,613	461,248	2,208,861
Structural steel work	1,817,590	169,774	1,987,364	6,240,297	63,703	6,304,000
Tiling, marble and terrazzo	1,004,814	761,426	1,766,240	2,108,650	808,083	2,916,733
Weatherstripping and insulation	2,249,852	2,896,484	5,146,336	1,931,325	3,061,859	4,993,184
Wrecking and demolition	-	1,297,548	1,297,548	-	2,617,956	2,617,956
Trades, unable to specify	382,040	463,205	845,245	200,585	311,044	511,629
TOTAL VALUE OF WORK PERFORMED	577,372,143	291,289,260	868,661,403	1,001,909,467	254,626,210	1,256,535,677

Table 8. - Description, Classification and Value of Work Performed in Canada by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations, Maintenance and Repairs	Total Value	New Construction	Alterations, Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, singles	135,791,940	14,062,886	149,854,825	171,061,476	9,986,283	181,049,759
Dwellings, semi-detached or double	11,747,742	2,102,464	13,860,206	12,096,967	1,077,780	13,174,747
Duplexes	10,775,901	1,651,378	12,427,279	10,582,685	619,605	11,202,290
Apartment houses	12,042,139	4,266,293	16,307,432	19,716,191	1,045,376	20,761,567
Hotels, clubs, restaurants, etc.	5,542,552	4,328,364	9,870,916	16,789,915	1,273,787	18,063,702
Churches and church halls	3,786,568	1,555,579	5,342,147	8,422,495	898,779	9,321,274
Hospitals and sanatoria	18,399,989	3,169,711	21,569,700	25,086,889	852,453	25,939,342
Schools, institutions, etc.	14,991,338	5,617,764	20,609,102	34,586,780	1,412,268	35,999,048
Office buildings	9,643,575	8,170,629	17,814,204	33,142,723	3,892,339	37,035,062
Stores	12,817,415	9,544,462	22,361,877	25,383,999	4,940,946	30,324,945
Theatres and amusement halls	4,016,507	1,383,796	5,400,303	15,546,356	1,142,204	16,688,559
Factories, warehouses and storehouses	99,646,505	41,926,558	141,573,043	160,408,563	23,127,121	183,535,684
Elevators, grain	1,684,507	4,254,146	5,938,653	8,536,680	2,954,406	11,491,085
Garages	8,818,452	1,855,441	10,673,893	14,641,451	1,525,298	16,166,749
Service stations	4,588,089	5,221,261	9,809,350	10,634,937	4,454,905	16,149,842
Mine buildings	6,975,386	652,491	7,627,877	6,623,674	343,488	6,967,162
Farm buildings	2,011,236	952,290	2,963,525	2,143,316	566,698	2,710,014
Aeroplane hangars	-	14,811	14,811	647,020	-	647,020
Radio stations	187,120	27,387	214,507	307,097	17,615	324,612
Armouries and barracks	450,155	-	450,155	238,104	-	238,104
Buildings, unable to specify	501,591	1,101,699	1,603,290	942,583	276,266	1,218,849
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	22,411,368	4,156,740	26,568,108	36,522,850	4,174,904	40,697,754
Gravel or stone surfaced streets, highways, etc.	16,569,135	6,946,395	23,515,530	38,539,489	3,359,481	41,898,970
Dirt or clay roads	3,608,882	318,139	3,927,021	10,705,096	338,786	11,045,882

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 8. - Description, Classification and Value of Work Performed in Canada by General and Trade Contractors (including Subcontractors) in 1946 and 1947 - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Engineering Construction - Concluded	\$	\$	\$	\$	\$	\$
Grading, scraping, oiling, filling, etc.	4,402,869	1,481,979	5,884,848	6,141,107	2,104,261	8,245,368
Sidewalks	1,102,786	63,429	1,166,215	1,145,444	50,622	1,196,066
Bridges, viaducts, all types	2,689,799	1,297,933	3,987,732	11,164,762	520,557	11,585,319
Subways, overhead crossings, etc.	64,307	-	64,307	487,991	-	487,991
Culverts	1,158,434	26,180	1,184,614	1,223,081	169,903	1,392,984
Watermains and connections	6,660,122	279,565	6,939,687	6,809,281	725,918	7,555,199
Sewers and connections	5,116,821	620,201	5,737,022	9,213,978	154,897	9,368,875
Storm sewers	1,000,848	36,015	1,036,863	1,635,151	101,363	1,736,514
Open sewers or drains	809,764	123,494	933,258	507,328	-	507,328
Dams and reservoirs	7,897,894	690,180	8,588,074	9,811,504	360,742	10,172,246
Fencing (excluding temporary snow fencing) ..	129,488	11,460	140,948	239,362	13,073	252,435
Electric stations, power plants, etc.	19,767,320	8,216,987	27,984,307	60,083,400	6,704,105	66,787,505
Transmission lines and towers	16,991,582	1,535,441	18,531,023	29,905,512	2,571,817	32,477,129
Railway (steam) construction work	807,935	180,309	988,244	2,424,011	-	2,424,011
Railway (electric) construction work	81,365	222,772	304,137	1,370,939	1,409,031	2,779,970
Aerodromes or landing fields	1,717,442	220,916	1,938,358	3,337,277	20,538	3,357,816
Park systems (including grounds and walks) ..	415,436	57,612	473,048	285,075	-	285,075
Underground conduits	1,377,915	-	1,377,915	3,143,789	-	3,143,789
Installation of machinery	1,644,722	427,469	2,072,191	1,438,229	33,923	1,472,162
Gas mains and connections	522,910	-	522,910	1,011,956	202,667	1,214,623
Engineering, unable to specify	639,510	944,162	1,583,672	2,212,661	656,732	2,869,393
Harbours, Rivers, etc.						
Docks, wharves, piers and breakwaters	3,198,321	1,420,103	4,618,424	8,099,803	711,790	8,811,593
Retaining walls, embankments and ripraping ..	266,197	98,121	364,318	739,771	-	739,771
Canals and waterways	1,296,426	119,756	1,416,182	-	-	-
Dredging	4,045,746	630,319	4,676,065	2,595,983	-	2,595,983
Pile driving	609,784	166,911	676,695	689,062	121,656	710,718
Works, unable to specify	313,207	-	313,207	638,357	3,630,783	4,269,140
Trade Construction						
Air conditioning	1,341,855	698,022	2,039,877	2,001,510	621,116	2,622,626
Bricklaying	1,363,848	1,527,774	2,891,622	2,523,565	1,140,225	3,663,790
Carpentry work	1,806,259	4,460,639	6,266,898	4,219,120	5,808,133	9,827,253
Commercial refrigeration	1,382,893	896,464	2,279,357	2,164,738	601,848	2,766,586
Concreting and cement work	2,206,273	1,351,260	3,557,533	3,587,209	2,155,113	5,742,322
Electrical work	8,012,000	12,869,652	20,881,652	12,689,229	11,574,907	24,264,136
Elevators, service	2,980,367	2,609,478	5,589,845	6,273,568	2,468,508	8,742,066
Excavating	1,651,319	306,116	1,857,435	2,339,676	248,327	2,588,003
Flooring	769,863	953,573	1,723,436	1,552,163	1,515,389	3,067,552
Glass and glazing	565,997	1,242,566	1,808,563	2,901,167	669,578	3,570,745
Lathing, plastering and stucco	1,472,388	1,214,720	2,687,108	2,806,205	1,286,647	4,092,852
Masonry and stone work	579,976	236,791	816,766	640,778	255,281	896,059
Ornamental iron work	411,396	357,110	768,506	308,695	648,348	957,043
Painting and decorating	2,442,509	15,060,563	17,503,072	4,180,533	15,486,756	19,667,289
Plumbing, heating and sanitary engineering ..	15,595,865	28,394,464	43,990,329	22,584,535	28,198,302	50,782,837
Roofing, sheet metal	1,006,419	1,611,996	2,618,415	1,398,585	1,583,034	2,981,619
Roofing, all other	1,596,563	5,948,292	6,544,855	1,944,925	4,159,239	6,104,162
Sheet metal work, other than roofing	2,494,095	3,837,414	6,331,509	3,918,444	3,405,021	7,323,465
Sprinkler installation	1,091,635	369,256	1,460,891	1,747,613	461,248	2,208,861
Structural steel work	1,817,590	169,774	1,987,364	6,240,297	63,703	6,304,000
Tiling, marble and terrazzo	1,004,814	761,426	1,766,240	2,108,650	808,083	2,916,733
Weatherstripping and insulation	2,249,852	2,896,484	5,146,336	1,931,325	3,061,859	4,993,184
Wrecking and demolition	-	1,297,548	1,297,548	-	2,617,956	2,617,956
Trades, unable to specify	382,040	463,205	846,245	200,585	311,044	511,629
TOTAL VALUE OF WORK PERFORMED	545,762,856	229,689,564	775,452,420	919,885,252	177,496,530	1,097,381,782

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

C A N A D A

Table 9. - Description, Classification and Value of Work Performed in Canada by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	1,455,935	578,419	2,034,354	4,059,281	918,109	4,977,390
Bricklaying	3,705,674	885,050	4,590,924	6,272,872	367,069	6,639,931
Carpentry work	1,672,339	549,178	2,121,517	2,288,125	637,221	2,925,346
Commercial refrigeration	91,449	-	91,449	545,011	51,565	596,576
Concreting and cement work	4,571,939	650,026	5,021,965	5,926,548	570,789	6,497,337
Electrical work	13,821,615	4,489,404	18,311,019	26,480,873	5,162,037	31,642,910
Elevators, service	388,043	19,575	407,616	1,465,277	161,649	1,626,926
Excavating	2,639,017	305,468	2,944,485	3,362,155	237,428	3,599,583
Flooring	2,166,479	845,815	3,012,294	3,466,468	976,706	4,443,174
Glass and glazing	1,595,389	1,003,675	2,599,062	2,102,342	909,423	3,011,765
Lathing, plastering and stucco	7,217,497	1,384,640	8,602,137	15,424,569	1,118,079	14,540,648
Masonry and stone work	758,873	117,182	876,055	1,195,563	152,521	1,347,884
Ornamental iron work	751,009	377,354	1,128,363	1,873,757	529,684	2,403,441
Painting and decorating	4,260,504	3,589,244	7,849,748	7,034,559	3,713,351	10,747,910
Plumbing, heating and sanitary engineering ..	26,163,012	6,646,007	32,809,019	51,193,881	7,516,272	58,710,163
Roofing, sheet metal	1,387,785	802,692	2,190,477	2,647,732	533,038	3,180,770
Roofing, all other	3,147,588	1,265,522	4,413,110	4,288,079	1,742,944	6,031,023
Sheet metal work (other than roofing)	3,424,152	1,262,741	4,686,893	6,194,883	1,870,738	7,865,621
Sprinkler installation	1,200,898	358,693	1,559,591	2,341,048	77,791	2,418,839
Street and highway work	1,012,646	294,200	1,306,846	915,680	114,147	1,029,827
Structural steel work	27,716,345	505,231	28,221,576	26,461,427	456,223	26,937,650
Tiling, marble and terrazzo	3,878,096	1,301,533	5,179,629	6,202,428	819,501	7,021,929
Weatherstripping and insulation	1,570,829	867,221	2,438,050	2,167,515	1,511,841	3,678,956
Wrecking and demolition	-	65,587	65,587	-	426,960	426,960
Open sewers or drains	35,388	5,475	40,863	-	-	-
Pile driving	467,030	-	467,030	-	-	-
Sewers and connections	80,578	16,168	96,746	-	-	-
Work, unable to specify	463,463	450,649	914,112	1,930,435	44,445	1,974,880
 TOTAL VALUE OF WORK PERFORMED	 116,343,772	 28,636,745	 143,980,517	 182,860,508	 50,417,121	 213,277,429

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 10. - Description, Classification and Value of Work Performed in Canada by Municipalities, the Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings, single	333,648	298,490	632,138	4,256,866	2,259,484	6,516,349
Apartment houses	-	555,000	555,000	596,118	2,759	598,877
Office buildings	387,691	3,847,869	4,235,550	1,636,245	2,461,266	4,097,611
Factories, warehouses and storehouses	390,377	1,714,244	2,104,621	1,620,909	929,313	2,550,222
Garages	220,336	645,051	865,387	707,872	310,877	1,018,749
Elevators, grain	6,539	322,168	328,507	37,036	383,210	420,246
Farm buildings	62,667	28,879	91,546	519,357	128,736	648,092
Radio stations	72,502	16,489	88,991	171,350	23,866	196,206
Armouries and barracks	343,556	2,530,534	2,874,090	506,605	706,991	1,213,596
Aeroplane hangars	-	9,443	9,443	20,477	2,203	22,680
Stores	-	-	-	9,841	753	10,594
Theatres and amusement halls	32,668	153,906	186,574	10,384	11,225	21,609
Schools, institutions, etc.	327,098	193,411	520,509	247,606	863,775	1,111,381
Hospitals and sanatoria	240,870	341,628	582,498	819,933	170,891	990,824
Hotels, clubs and restaurants	217,365	75,895	293,260	79,491	42,549	122,040
All other buildings and structures	145,425	616,906	762,331	502,433	333,228	836,661
Hard surfaced or paved streets, highways, etc.	5,465,459	7,633,938	13,099,397	16,642,437	10,912,365	27,554,802
Gravel or stone surfaced streets, highways, etc.	5,101,064	14,540,025	19,641,089	18,902,539	23,733,851	42,636,390
Dirt or clay roads	3,091,688	2,517,598	5,609,286	3,859,217	1,701,644	5,560,861
Grading, scraping, oiling, filling, etc.	588,307	2,797,769	3,386,076	3,059,351	6,037,852	9,087,203
Sidewalks	714,239	935,629	1,649,868	1,439,686	811,467	2,251,153
Roadside maintenance and area improvement	295,862	2,543,329	2,839,191	1,000,023	3,740,839	4,740,862
Bridges, viaducts, all types	1,658,180	3,806,988	5,465,168	2,983,963	3,729,401	6,713,364
Subways, overhead crossings, etc.	9,292	165,979	175,271	19,146	200,709	219,855
Culverts	867,260	691,306	1,558,556	2,301,562	1,271,483	3,573,045
Storm sewers	398,250	229,957	628,207	558,382	309,000	867,382
Tile drains, drainage ditches and open sewers.	463,416	650,689	1,114,105	1,145,787	674,645	1,820,432
Reservoirs	128,652	62,094	190,746	234,725	33,274	267,999
Street lighting	-	-	-	234,718	281,168	515,886
Fencing (excluding temporary snow fencing)	397,706	132,319	530,025	783,511	119,423	902,934
Guard rails	17,921	215,102	233,023	95,558	419,107	518,665
Signs	55,967	379,598	435,565	272,263	428,994	701,257
Zone painting	42,116	120,614	162,730	65,247	270,906	340,183
Watermains and connections	3,579,986	2,953,640	6,533,626	5,590,646	3,080,498	8,671,144
Sewers and connections	3,308,959	792,406	4,101,365	4,961,854	926,854	5,888,708
Electric stations, power plants, etc.	119,707	31,998	151,705	186,099	312,513	498,612
Pole or distribution lines, electric	547,118	1,091,235	1,638,353	808,167	897,934	1,706,101
Docks, wharves, piers, breakwaters	194,876	1,789,356	1,984,232	956,730	1,465,906	2,422,636
Retaining walls and ripraping	57,349	201,923	259,272	658,069	431,937	1,090,006
Canal reaches	-	49,644	49,644	11,121	33,106	44,227
Canal locks	-	229,354	229,354	39,568	265,252	304,820
Canal gates	38,851	91,618	130,469	57,119	44,647	101,766
Water control or dams	199,064	286,552	485,616	563,760	214,839	778,599
Aerodromes or landing fields	11,271	37,930	49,201	27,938	52,956	80,894
Dredging	130,651	1,093,026	1,223,677	278,044	1,270,241	1,548,285
Excavating	61,791	40,933	102,724	1,102,302	172,911	1,275,213
Park systems (including grounds and walks)	135,670	2,493,793	2,630,463	624,613	2,846,411	3,471,024
Railway (steam) construction work	34,605	397,372	431,977	-	71,853	71,853
Telephone and telegraph lines	128,463	117,605	246,068	118,416	149,619	268,035
Installation of Machinery	-	-	-	-	6,713	6,713
Gas mains and connections	77,815	19,964	97,779	56,226	-	56,226
Works, unable to specify	906,190	1,108,510	2,014,700	634,906	1,578,247	2,213,153
TOTAL VALUE OF WORK PERFORMED	31,609,287	61,599,696	93,208,983	82,024,215	77,129,680	159,153,895

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

C A N A D A

Table 11. - Total Cost of Materials Used by the Construction Industry in Canada, by Groups and Provinces
in 1946 and 1947.

	General and Trade Contractors and Subcontractors	Municipalities	The Harbours Board, Provincial and Dominion Government Departments	Total Cost
<u>1946</u>	\$	\$	\$	\$
CANADA	426,800,935	12,526,339	20,638,467	459,965,741
Prince Edward Island	1,263,992	58,302	112,724	1,415,018
Nova Scotia	15,773,542	197,959	3,132,587	19,104,088
New Brunswick	11,035,675	276,543	2,039,294	13,351,512
Quebec	119,647,725	2,464,692	2,141,520	124,253,737
Ontario	172,078,524	5,385,057	6,887,610	184,351,191
Manitoba	22,123,020	603,174	800,260	23,526,454
Saskatchewan	13,358,814	609,291	1,453,598	15,421,703
Alberta	23,968,937	900,429	1,533,074	26,402,440
British Columbia	47,550,706	2,060,892	2,535,000	52,139,598
<u>1947</u>				
CANADA	599,005,684	18,763,180	37,227,361	654,996,225
Prince Edward Island	1,343,141	81,284	150,276	1,554,701
Nova Scotia	19,872,051	438,157	4,149,836	24,480,044
New Brunswick	18,597,256	681,177	2,882,531	22,160,964
Quebec	169,152,539	3,509,624	8,954,676	181,616,859
Ontario	238,657,834	7,686,113	10,754,277	267,096,224
Manitoba	30,782,411	780,365	1,833,818	33,396,594
Saskatchewan	17,941,146	997,492	1,327,950	20,266,588
Alberta	30,227,760	1,349,422	2,832,290	34,409,472
British Columbia	72,431,546	3,259,546	4,341,707	80,032,799

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 12. - Cost of Materials Used by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in Canada in 1946 and 1947.

	1946	1947		
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed	4,046,899	6,053,534		
Lumber and timber, creosoted or chemically treated	799,959	1,644,137		
Piling, wood (including treated piling)	162,311	468,427		
Piling, steel	643	127,072		
Piling, other	27,235	69,385		
Posts, wood	156,823	217,922		
Posts, steel	62,860	114,043		
Posts, other	18,350	206,064		
Iron and steel shapes	372,671	568,175		
Iron and steel forms	80,300	188,711		
Iron and steel reinforcing	313,952	545,771		
Hydrants	165,200	246,677		
Manhole covers and frames	293,929	297,407		
Pipe, metal	1,852,961	2,801,523		
Pipe, concrete	763,109	1,240,251		
Pipe, vitrified clay, etc.	563,876	834,274		
Culverts	549,476	1,316,017		
Rope or cable, wire	114,314	153,722		
Rope, other	28,528	54,715		
Wire netting or mesh	32,621	31,493		
Electric light standards	86,985	115,591		
Electrical supplies	1,098,062	1,806,506		
Plumbing and shop supplies	491,724	851,477		
Lead and lead pipe	174,689	241,409		
Pipe fittings	303,760	494,060		
Valves	278,816	362,157		
Hardware	1,099,038	1,754,593		
Paint and painters' supplies	736,882	949,125		
Explosives	87,594	184,172		
Fencing materials (not to include posts)	113,299	372,929		
Guard rail materials (not to include posts)	12,892	42,273		
Signs, metal	88,245	216,538		
Brick	93,909	159,893		
Stone, crushed and all other	1,540,413	2,385,508		
Paving blocks	14,022	130,001		
Gravel	2,377,134	5,622,584		
Sand	393,179	379,053		
Cement	1,066,728	2,008,150		
Concrete, ready-mix	528,506	843,779		
Bituminous materials (not including oil)	4,074,216	7,688,708		
Calcium chloride, salt and other chemicals	627,477	1,518,676		
Oil, for road construction	642,278	1,062,228		
Borrow pits, earth fill, cinders, etc.	199,136	245,018		
Roofing materials	136,824	233,187		
All other materials (unable to classify)	6,493,007	9,153,706		
TOTAL COST OF MATERIALS USED	33,164,806	55,990,541		

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 13. - Average Monthly Employment of Wage-earners and Their Remuneration by Groups in 1946 and 1947.

	General and Trade Contractors and Subcontractors	Municipalities	The Harbours Board	Provincial Government Departments	Dominion Government Departments	Total
	No.	No.	No.	No.	No.	No.
<u>1946</u>						
January	97,853	7,438	426	5,113	3,260	114,090
February	97,034	7,324	438	3,937	3,443	112,176
March	103,685	8,066	492	5,928	3,837	122,008
April	115,619	9,950	506	7,090	3,158	136,323
May	135,185	11,874	548	13,068	3,385	164,060
June	147,058	12,876	561	15,496	3,730	179,721
July	154,928	13,437	629	18,037	4,247	191,278
August	158,117	13,341	612	19,273	4,450	195,793
September	154,465	12,435	597	19,880	4,476	191,853
October	155,159	12,141	616	20,573	4,567	193,056
November	146,464	10,929	513	18,446	4,085	180,437
December	129,675	8,947	411	12,216	3,321	154,570
Monthly Average	132,937	10,730	529	13,254	3,830	161,280
<u>1947</u>						
Amount of Wages Paid	232,792,135	16,061,265	874,434	17,148,634	6,738,374	273,614,842
	No.	No.	No.	No.	No.	No.
January	124,608	8,488	443	8,287	3,384	145,210
February	126,201	8,544	436	7,543	3,385	146,109
March	133,443	8,945	499	9,432	3,726	156,045
April	144,615	11,333	546	11,721	3,262	171,477
May	166,237	13,432	602	19,463	3,823	203,557
June	180,354	14,910	579	24,063	4,254	224,160
July	194,416	16,143	606	28,676	5,005	244,846
August	197,126	16,214	635	30,497	5,636	250,108
September	194,048	14,896	645	30,306	5,323	245,218
October	194,605	14,260	653	20,431	5,020	244,969
November	178,570	12,230	545	26,024	4,401	221,770
December	155,370	9,927	477	14,867	3,701	184,342
Monthly Average	165,799	12,444	556	20,109	4,243	203,151
Amount of Wages Paid	321,742,631	20,917,824	974,977	35,632,049	7,631,435	386,898,916

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 14. - Average Monthly Employment of Wage-earners and Their Remuneration by Provinces in 1946 and 1947.

	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>1946</u>									
January	161	6,967	4,365	31,404	46,840	4,571	2,291	4,994	13,487
February	190	6,844	3,390	30,802	44,732	4,527	2,414	4,942	14,335
March	199	6,523	3,412	32,789	50,425	4,948	2,602	5,752	15,356
April	250	8,600	3,890	36,788	53,981	5,424	3,387	6,766	17,237
May	382	10,597	5,120	45,099	62,632	7,421	5,295	8,434	19,080
June	562	12,017	6,795	50,251	66,851	8,354	6,449	9,595	18,847
July	666	12,596	8,270	54,261	70,073	8,866	6,818	9,779	19,949
August	612	13,440	8,991	55,632	70,729	9,041	6,744	9,513	21,091
September	629	14,861	9,600	53,783	69,388	8,518	6,010	8,828	20,256
October	625	15,684	9,297	54,618	69,751	8,473	5,876	8,819	19,913
November	508	13,829	8,355	51,270	66,097	7,965	5,311	7,850	19,262
December	360	9,923	8,688	44,107	58,942	6,055	3,710	6,947	17,842
Monthly Average ...	430	10,989	6,514	45,067	60,787	7,013	4,742	7,685	18,053
Amount of Wages Paid	\$19,262	15,121,063	9,740,076	73,067,392	107,582,229	11,910,215	7,896,487	13,678,462	33,979,676
<u>1947</u>									
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	263	7,290	6,231	39,505	58,830	6,270	3,360	6,205	17,268
February	272	7,122	5,074	40,297	58,767	6,155	3,330	6,676	18,416
March	263	7,908	4,756	42,093	63,305	6,295	3,866	7,101	20,680
April	313	8,803	5,489	47,576	67,901	7,065	4,780	8,347	21,204
May	457	10,695	7,083	56,940	79,019	8,694	6,837	10,682	23,150
June	602	12,873	8,548	65,546	82,954	9,570	8,201	11,515	24,361
July	755	13,265	10,464	73,490	89,108	10,692	8,981	12,087	26,004
August	747	14,390	10,922	77,320	89,116	10,667	8,858	12,034	26,034
September	778	14,326	11,279	75,457	88,061	10,366	8,306	11,197	25,446
October	651	13,887	10,684	75,976	89,450	10,604	8,057	10,786	24,874
November	574	12,549	9,277	68,610	82,306	9,220	6,988	9,564	22,783
December	431	8,274	7,739	52,660	74,086	7,480	4,809	8,446	20,417
Monthly Average ...	508	10,949	8,129	58,614	76,909	8,591	6,348	8,553	22,551
Amount of Wages Paid	\$18,175	19,311,130	13,807,882	108,108,634	150,204,806	16,183,296	11,738,779	18,403,062	48,623,233

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 15. - Average Monthly Employment of Wage-earners in Canada, by General and Trade Contractors (including Subcontractors) and Their Remuneration, by Provinces in 1946 and 1947.

	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>1946</u>										
January	155	4,849	2,380	28,417	40,972	3,969	1,797	3,970	11,344	97,853
February	166	5,054	2,184	28,058	40,012	3,916	1,784	3,739	12,121	97,034
March	170	5,076	2,314	29,934	42,983	4,107	1,905	4,317	12,879	103,685
April	212	5,291	2,611	33,456	47,488	4,917	2,873	5,318	13,453	115,619
May	308	6,038	3,424	40,431	55,591	6,108	4,038	6,579	14,568	135,185
June	431	6,981	4,635	44,972	57,123	6,676	4,880	6,978	14,382	147,058
July	499	7,466	5,187	47,959	59,279	7,077	5,064	7,038	15,389	154,928
August	466	7,636	5,577	49,061	60,146	7,287	4,959	6,749	16,236	158,117
September	486	7,739	5,652	47,606	59,261	7,021	4,465	6,355	15,880	154,465
October	465	8,504	5,240	47,964	59,585	6,848	4,430	6,461	15,662	155,159
November	377	8,067	4,637	45,759	56,367	6,590	3,881	5,759	15,027	146,464
December	308	6,929	3,784	40,418	51,404	5,271	2,838	5,023	13,700	129,675
Monthly Average	337	6,636	3,967	40,336	52,351	5,816	3,575	5,691	14,228	132,937
Amount of Wages Paid	485,404	11,201,683	6,104,784	57,277,484	94,173,571	10,000,488	6,077,055	9,784,994	27,686,692	232,792,135
<u>1947</u>										
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	223	6,064	3,614	35,680	63,148	5,457	2,532	4,655	13,235	124,608
February	249	5,973	3,491	36,346	53,273	5,270	2,459	4,690	14,450	126,201
March	234	6,401	3,482	37,990	55,385	5,517	2,808	5,186	16,440	133,443
April	257	6,391	4,114	40,547	60,030	5,888	3,748	6,359	17,283	144,615
May	326	7,681	5,444	45,584	68,075	7,064	5,251	7,865	18,947	166,237
June	431	8,190	6,399	51,665	71,795	7,645	6,251	8,319	19,659	180,354
July	489	8,989	7,531	56,041	76,452	8,453	6,782	8,660	21,019	194,416
August	526	9,179	7,910	58,568	76,361	8,469	6,486	8,527	21,100	197,128
September	562	9,017	7,760	57,377	76,172	8,356	6,150	7,974	20,680	194,048
October	458	8,735	7,297	58,059	77,818	8,510	5,929	7,653	19,946	194,605
November	423	8,209	6,152	54,051	71,460	7,686	5,011	7,092	18,487	178,571
December	355	6,447	4,722	46,049	65,446	6,436	3,584	6,187	16,144	155,370
Monthly Average	378	7,606	5,660	48,163	67,118	7,062	4,749	6,947	18,116	165,799
Amount of Wages Paid	626,249	14,415,613	9,703,922	87,257,038	133,506,453	13,630,969	9,110,224	13,214,768	40,277,375	321,742,631

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 16. - Average Monthly Employment of Wage-earners in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments, by Provinces, in 1946 and 1947.

	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>1946</u>										
January	26	2,108	1,985	2,987	4,868	602	494	1,024	2,143	16,237
February	24	1,790	1,206	2,744	4,720	611	630	1,203	2,214	15,142
March	29	1,447	1,098	2,855	7,442	841	697	1,435	2,479	18,323
April	38	3,309	1,279	3,332	6,493	507	514	1,448	3,784	20,704
May	74	4,559	1,696	4,668	9,041	1,313	1,257	1,855	4,412	28,875
June	131	5,036	2,160	5,279	9,728	1,678	1,569	2,617	4,465	32,663
July	167	6,130	3,103	6,302	10,794	1,789	1,764	2,741	4,560	36,350
August	146	6,804	3,414	6,571	10,583	1,754	1,785	2,764	4,855	37,676
September	143	7,122	3,948	6,177	10,127	1,497	1,545	2,473	4,356	37,388
October	160	7,180	4,057	6,654	10,166	1,625	1,446	2,358	4,251	37,897
November	131	5,762	3,718	5,511	9,730	1,365	1,430	2,091	4,235	33,973
December	52	2,994	2,904	3,689	7,538	784	872	1,924	4,142	24,895
Monthly Average ..	93	4,353	2,547	4,731	8,436	1,197	1,167	1,994	3,825	28,343
Amount of Wages Paid	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Amount of Wages Paid	133,848	3,919,390	3,635,292	5,809,908	13,408,658	1,909,727	1,819,432	3,893,468	6,292,984	40,822,707
<u>1947</u>										
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	30	1,226	2,617	3,825	5,682	813	828	1,550	4,031	20,602
February	23	1,149	1,583	3,951	5,494	885	871	1,986	3,966	19,908
March	29	1,507	1,274	4,103	7,920	776	858	1,915	4,220	25,602
April	56	2,412	1,375	7,028	7,871	1,179	1,032	1,988	3,921	26,862
May	131	3,014	1,639	11,356	10,944	1,630	1,588	2,817	4,203	37,320
June	171	4,663	2,149	13,881	11,159	1,925	1,950	3,196	4,692	43,806
July	266	4,276	2,953	17,449	12,656	2,239	2,199	3,427	4,985	50,430
August	221	6,211	3,012	18,752	12,755	2,218	2,372	3,507	4,934	52,982
September	216	5,309	3,519	18,080	11,889	2,010	2,158	3,223	4,768	51,170
October	193	5,152	3,387	17,917	11,652	2,094	2,128	2,933	4,928	50,364
November	151	4,340	3,125	14,459	10,848	1,534	1,977	2,472	4,296	43,200
December	76	1,827	3,017	6,611	8,640	1,044	1,225	2,259	4,273	28,972
Monthly Average .	150	3,342	2,469	11,451	9,791	1,629	1,599	2,606	4,435	37,352
Amount of Wages Paid	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Amount of Wages Paid	191,926	4,895,517	3,803,960	20,851,496	16,698,362	2,552,307	2,628,565	5,188,314	8,345,858	65,158,285

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

CANADA

Table 17. - Principal Statistics of General and Trade Contractors (including Subcontractors), located in nine Cities of Canada, in 1946 and thirteen in 1947.

(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 are 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
No.	No.						
<u>1946</u>							
Hamilton	568	4,976	8,929,704	12,203,414	11,749,430	9,344,202	21,093,632
London	308	1,597	2,868,755	3,974,482	3,784,382	3,355,755	7,140,137
Montreal	2,595	32,869	58,928,308	77,473,575	103,949,782	38,181,027	142,130,809
Ottawa	550	3,888	6,637,326	7,671,456	8,644,655	6,009,107	14,653,962
Quebec	479	4,918	7,703,323	10,614,556	11,982,135	6,652,639	18,634,774
Toronto	3,418	51,966	61,654,218	82,580,507	113,626,822	47,504,114	161,132,936
Vancouver	1,698	13,506	26,596,739	34,960,242	58,931,260	13,869,841	66,801,101
Victoria	264	1,675	2,963,550	4,035,495	4,138,005	2,296,602	6,434,607
Winnipeg	1,017	6,439	11,588,164	17,346,634	22,318,206	10,604,762	32,922,968
Totals	10,897	101,834	187,870,087	250,860,361	333,126,877	137,818,049	470,944,926
<u>1947</u>							
Halifax	178	3,609	6,830,162	7,290,233	11,373,559	4,477,704	15,851,263
St. John	116	2,512	4,226,298	6,869,386	8,676,833	1,439,616	10,118,449
Quebec	444	6,228	10,385,727	14,007,702	21,995,492	3,278,079	25,273,571
Montreal	2,220	37,009	73,097,807	107,280,085	157,458,697	28,790,425	186,249,122
Hamilton	595	7,122	14,819,575	21,175,802	36,413,257	4,780,885	41,194,142
London	358	2,152	4,007,981	5,476,402	7,427,526	2,434,706	9,862,232
Ottawa	569	4,485	8,156,112	9,471,317	14,897,424	4,642,333	19,539,757
Toronto	3,507	39,195	63,694,647	112,042,359	185,679,992	38,511,696	224,191,688
Winnipeg	1,050	7,790	15,473,762	24,310,580	38,215,564	7,262,955	45,478,519
Regina	225	1,895	3,571,819	5,580,761	8,470,253	1,836,873	10,307,126
Edmonton	671	4,125	7,909,352	12,532,639	20,409,240	2,286,166	22,695,406
Vancouver	2,106	15,098	33,853,049	40,956,429	72,034,129	8,532,873	80,566,802
Victoria	402	2,454	4,956,838	13,094,307	16,000,789	2,243,061	18,243,850
Totals	12,441	133,674	270,985,129	380,068,000	599,054,755	110,617,172	709,571,927

Table 18. Percentage Variation in Principal Statistics of the above noted Cities in 1946 and 1947. These variations relate to the nine cities included in the 1946 table.

	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
%	%	%	%	%			
+ Represents Increases - Represents Decreases							
Hamilton	+ 4.8	+ 43.1	+ 66.0	+ 73.5	+ 210.0	- 48.8	+ 95.3
London	+ 16.2	+ 34.8	+ 39.7	+ 37.8	+ 96.3	- 27.4	+ 58.1
Montreal	- 14.5	+ 12.6	+ 24.0	+ 38.6	+ 51.5	- 24.6	+ 31.0
Ottawa	+ 3.5	+ 15.4	+ 22.9	+ 23.5	+ 72.3	- 22.7	+ 33.3
Quebec	- 7.3	+ 26.6	+ 34.8	+ 32.0	+ 84.0	- 50.7	+ 35.6
Toronto	+ 2.6	+ 22.6	+ 36.7	+ 35.7	+ 63.4	- 18.9	+ 39.1
Vancouver	+ 24.0	+ 11.8	+ 27.3	+ 17.2	+ 36.1	- 38.8	+ 20.6
Victoria	+ 83.3	+ 46.5	+ 67.3	+ 224.5	+ 386.7	- 2.3	+ 183.5
Winnipeg	+ 3.2	+ 21.0	+ 33.5	+ 40.1	+ 71.2	- 31.5	+ 38.1
Totals	+ 3.2	+ 19.3	+ 32.2	+ 38.6	+ 65.1	- 27.1	+ 38.1

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

PRINCE EDWARD ISLAND

Table 19. - Principal Statistics of the Construction Industry in Prince Edward Island in 1946 and 1947.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
		No.	No.	\$	New Construction	Alterations-Maintenance and Repairs	Total Value
1946							
General and Trade Contractors and Subcontractors	58	415	649,147	1,263,992	1,600,594	445,424	2,046,018
Municipalities and Dominion Government Departments	9	126	184,642	151,026	63,755	271,847	335,602
Totals	67	541	833,789	1,415,018	1,664,349	717,271	2,381,620
1947							
General and Trade Contractors and Subcontractors	78	487	826,707	1,343,141	2,025,291	564,330	2,589,621
Municipalities and Dominion Government Departments	9	151	248,219	211,560	130,563	350,776	481,339
Totals	87	638	1,074,926	1,554,701	2,155,854	915,106	3,070,960

Table 20. - Description, Classification and Value of Work Performed in Prince Edward Island by General and Trade Contractors (including Subcontractors), Municipalities and Dominion Government Departments, in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Building Construction						
Dwellings, single	55,595	14,670	70,265	161,219	29,221	190,440
Dwellings, semi-detached or double	4,885	-	4,885	-	-	-
Apartment houses	-	27,297	27,297	-	-	-
Hotels, clubs, restaurants, etc.	-	14,123	14,123	-	1,114	1,114
Hospitals and sanatoria	-	4,924	4,924	-	-	-
Schools, institutions, etc.	-	7,674	7,674	-	694	694
Office buildings	-	8,245	8,245	10,865	3,826	14,691
Factories, warehouses and stores- houses	110,482	33,477	143,959	-	58,906	58,906
Garages	-	7,059	7,059	-	3,537	3,537
Service stations	25,305	-	25,305	-	23,424	23,424
Farm buildings	290	-	290	-	-	-
Armouries and barracks	-	4,156	4,156	-	1,086	1,086
Buildings, unable to specify	413,490	28,594	442,084	750,989	75,338	826,327
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	-	42,461	42,461	-	16,402	16,402
Gravel or stone surfaced streets, highways, etc.	-	-	-	-	-	-
Grading, scraping, oiling, filling, etc.	-	-	-	-	1,908	1,908
Sidewalks	4,532	5,813	10,345	10,788	9,419	20,207
Roadside maintenance and area improvement	-	406	406	-	233	233
Bridges, Viaducts, all types	-	-	-	12,724	-	12,724
Culverts	-	262	262	4,172	60	4,232
Watermains and connections	11,878	2,392	14,270	14,670	2,070	16,740
Sewers and connections	-	5,266	5,266	2,486	1,339	3,825
Street Lighting	-	-	-	-	1,000	1,000
Fencing (excluding temporary snow fencing)	-	-	-	-	-	-
Transmission lines and towers	9,160	8,886	18,046	19,865	12,689	32,554
Park systems (including grounds and walks)	-	16,068	16,068	-	18,749	18,749
Engineering, unable to specify	425,510	73,041	498,551	788,685	177,951	966,636
Harbours, Rivers, etc.						
Docks, wharves, piers, breakwaters	-	113,323	113,323	103,295	173,708	277,003
Retaining walls, embankments and riprapping	-	11,807	11,807	-	4,716	4,716
Dredging	-	77,923	77,923	4,695	108,255	112,950
Works, unable to specify	458,082	-	458,082	-	-	-
Trade Construction						
Carpentry work	-	4,674	4,674	-	-	-
Electrical work	41,050	54,059	95,109	42,656	46,100	88,756
Painting and decorating	-	16,681	16,681	-	26,565	26,565
Plumbing, heating, and sanitary engineering	55,097	108,057	163,154	153,810	73,940	227,750
Trades, unable to specify	48,933	25,933	74,926	74,935	42,856	117,791
TOTAL VALUE OF WORK PERFORMED	1,664,349	717,271	2,381,620	2,155,854	915,106	3,070,960

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

PRINCE EDWARD ISLAND

Table 21. - Description, Classification and Value of Work Performed in Prince Edward Island, by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	55,695	13,995	69,690	151,028	27,281	178,309
Dwellings, semi-detached or double	4,885	-	4,885	-	-	-
Apartment houses	-	27,297	27,297	-	-	-
Hospitals and sanatoria	-	4,924	4,924	-	-	-
Schools, institutions, etc.	-	7,674	7,674	-	694	694
Office buildings	-	5,043	5,043	10,865	2,070	12,935
Factories, warehouses and storehouses	109,155	19,782	128,937	-	-	-
Service stations	25,305	-	25,305	-	23,424	23,424
Buildings, unable to specify	412,018	35,642	447,660	745,079	98,950	844,029
<u>Engineering Construction</u>						
Gravel or stone-surfaced streets, highways, etc.	-	-	-	-	-	-
Engineering, unable to specify	426,243	74,326	500,569	766,393	155,268	921,661
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify	422,253	47,337	469,590	80,525	67,182	147,707
<u>Trade Construction</u>						
Carpentry work	-	4,674	4,674	-	-	-
Electrical work	41,050	54,059	95,109	42,656	46,100	88,756
Painting and decorating	-	16,681	16,681	-	26,565	26,565
Plumbing, heating and sanitary engineering ..	55,097	108,057	163,154	153,810	73,940	227,750
Trades, unable to specify	48,933	25,933	74,926	74,935	42,856	117,791
TOTAL VALUE OF WORK PERFORMED	1,600,594	445,424	2,046,018	2,025,291	564,330	2,589,621

Table 22. - Description, Classification and Value of Work Performed by Subcontractors in Prince Edward Island in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Electrical work</u>						
Electrical work	4,664	-	4,664	-	-	-
Work, unable to specify	34,830	17,199	52,029	85,941	18,098	104,039
TOTAL VALUE OF WORK PERFORMED	39,494	17,199	56,693	85,941	18,098	104,039

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipalities and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Dwellings</u>						
Dwellings	-	675	675	10,191	1,940	12,131
Office buildings	-	3,202	3,202	-	1,756	1,756
Factories, warehouses and storehouses	1,327	13,695	15,022	2,716	26,625	29,341
Garages	-	6,767	6,767	-	3,514	3,514
Farm buildings	290	-	290	-	-	-
Hotels, clubs, restaurants, etc.	-	375	375	-	829	829
Armouries and barracks	-	4,156	4,156	-	1,086	1,086
All other buildings and structures	1,472	6,932	8,464	3,194	8,977	12,171

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

PRINCE EDWARD ISLAND

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipalities and Dominion Government Departments, in 1946 and 1947 - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repair	Total Value
	\$	\$	\$	\$	\$	\$
Hard surfaced or paved streets, highways, etc. .	-	32,461	32,461	-	16,402	16,402
Gravel or stone surfaced highways, etc.	-	3,207	3,207	15,833	21,112	36,945
Dirt or clay roads	1,332	2,999	4,331	-	1,242	1,242
Grading, scraping, oiling, filling, etc.	-	1,500	1,500	-	1,908	1,908
Sidewalks	2,467	5,815	8,280	10,788	9,419	20,207
Roadside maintenance and area improvement	-	406	406	-	233	233
Culverts	-	262	262	4,172	60	4,232
Storm sewers	-	5,266	5,266	2,486	1,339	3,825
Watermains and connections	11,878	2,392	14,270	14,670	2,070	16,740
Street Lighting	-	-	-	-	1,000	1,000
Pole or distribution lines, electric	9,160	8,886	18,046	19,865	12,689	32,554
Docks, wharves, piers, breakwaters	16,330	65,986	82,316	22,770	106,526	129,296
Retaining walls and riprappling	-	11,807	11,807	-	4,716	4,716
Dredging	19,499	77,923	97,422	4,695	108,255	112,950
Park Systems (including grounds and walks)	-	16,068	16,068	-	18,749	18,749
Works, unable to specify	-	1,009	1,009	19,183	329	19,512
TOTAL VALUE OF WORK PERFORMED	63,755	271,847	335,602	130,563	350,776	481,539

Table 24. - Cost of Materials Used by Municipalities and Dominion Government Departments in Prince Edward Island, 1946 and 1947.

	1946		1947	
	Cost Value		Cost Value	
	\$	\$	\$	\$
Lumber and timber, rough and dressed	34,322		48,366	
Lumber and timber, creosoted or chemically treated	13,700		16,401	
Piling, wood (including treated piling)	5,070		13,257	
Piling, other	842		-	
Posts, wood	885		5,167	
Iron and steel forms	1,680		1,587	
Hydrants	614		336	
Manhole covers and frames	144		828	
Pipe, metal	3,061		5,127	
Pipe, concrete	1,248		-	
Pipe, vitrified clay, etc.	1,451		4,102	
Wire or cable, wire	1,370		2,037	
Rope, other	830		4,163	
Electric light standards	-		898	
Electrical supplies	14,353		19,697	
Plumbing and shop supplies	912		1,459	
Lead and lead pipe	370		367	
Pipe fittings	1,311		715	
Valves	451		457	
Hardware	3,236		5,979	
Paint and painters' supplies	2,190		2,186	
Brick	107		746	
Stone, crushed and all other	7,118		6,812	
Gravel	861		12,425	
Sand	9,534		1,461	
Cement	2,327		4,251	
Bituminous materials (not including oil)	610		1,416	
Calcium chloride, salt and other chemicals	772		1,823	
Borrow pits, earth fill, cinders, etc.	200		63	
Roofing materials	237		896	
All other materials, unable to classify	41,240		48,760	
TOTAL COST OF MATERIALS USED	151,026		211,560	

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NOVA SCOTIA

Table 25. - Principal Statistics of the Construction Industry in Nova Scotia in 1946 and 1947.

	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.	↓	↓	↓	↓	↓	↓
1946							
General and Trade Contractors and Subcontractors	809	7,698	13,279,894	15,773,542	21,162,360	10,371,526	31,533,886
Municipalities	20	284	374,701	197,959	186,450	452,642	639,092
Harbours Board, Provincial and Dominion Government Departments	11	4,595	4,464,057	3,132,587	1,545,659	7,139,682	8,685,341
Totals	840	12,577	18,118,652	19,104,088	22,894,469	17,963,850	40,858,319
1947							
General and Trade Contractors and Subcontractors	826	8,807	16,963,913	19,872,051	27,813,306	12,138,325	39,951,631
Municipalities	27	454	683,092	438,157	563,956	603,011	1,166,967
Harbours Board, Provincial and Dominion Government Departments	17	3,581	5,444,614	4,149,836	4,755,427	7,022,790	11,778,217
Totals	870	12,842	23,091,619	24,460,044	33,132,689	19,784,128	52,896,815

Table 26. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	↓	↓	↓	↓	↓	↓
Building Construction						
Dwellings, single	2,637,775	850,989	3,488,764	3,447,251	867,083	4,314,334
Dwellings, semi-detached or double	105,355	176,984	282,339	122,837	39,283	162,120
Duplexes	-	41,620	41,620	-	-	-
Apartment houses	-	290,874	290,874	231,321	44,356	275,676
Hotels, clubs, restaurants, etc.	221,996	150,511	372,507	164,400	130,861	295,261
Churches and church halls	186,248	194,549	380,797	343,118	158,826	501,944
Hospitals and sanatoria	2,018,508	237,364	2,255,872	1,795,957	90,262	1,886,219
Schools and institutions	607,732	373,983	981,715	842,733	427,177	1,269,910
Office buildings	375,017	836,617	1,211,634	806,185	492,717	1,298,902
Stores	388,912	460,304	849,216	629,404	202,572	831,976
Theatres and amusement halls	298,513	103,654	400,167	559,107	43,533	602,640
Factories, warehouses and storhouses	6,978,426	1,594,628	8,573,054	5,428,330	5,956,474	11,384,804
Elevators, grain	-	17,674	17,674	-	46,638	46,638
Garages	510,622	126,983	637,605	319,704	30,211	349,915
Service stations	288,023	498,892	786,915	344,985	452,174	797,159
Mine buildings	-	24,180	24,180	-	-	-
Farm buildings	64,007	19,350	73,337	34,330	13,984	48,314
Armouries and barracks	-	625,775	625,775	227,355	85,625	312,980
Buildings, unable to specify	251,740	163,439	415,179	74,806	98,027	172,833
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	607,693	779,106	1,386,799	2,549,534	703,101	3,252,635
Gravel or stone surfaced streets, highways, etc.	2,207,694	3,167,740	6,375,434	6,637,832	3,623,800	10,261,632
Dirt or clay roads	464,357	844,680	1,309,037	1,082,309	71,147	1,153,456
Grading, scraping, oiling, filling, etc.	255,033	84,075	339,108	52,681	63,894	116,575
Sidewalks	164,036	22,741	186,777	118,768	18,321	137,089
Roadside maintenance and area improvement ..	-	14,243	14,243	4,500	7,869	12,369
Bridges, viaducts, all types	-	638,080	638,060	212,646	647,811	860,457
Subways, overhead crossings, etc.	-	1,078	1,078	-	1,493	1,493
Culverts	600	4,146	4,746	206,313	-	206,313
Watermains and connections	354,016	92,206	446,222	327,787	32,063	359,830
Sewers and connections	84,234	167,181	251,415	358,396	23,692	382,088
Storm sewers	12,295	6,028	18,323	215,035	3,643	218,678

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.NOVA SCOTIA

Table 26. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction (concluded)</u>						
Dams and reservoirs	-	42,948	42,948	324,699	15,326	340,025
Street lighting	-	-	-	7,688	2,100	9,788
Tile drains, drainage ditches and open sewers	-	5,386	5,386	5,162	12,580	17,742
Fencing (excluding temporary snow fencing)	-	23,345	23,345	7,170	2,507	9,677
Guard rails	-	1,326	1,326	7,000	394	7,394
Signs	65	3,672	3,737	700	1,555	2,255
Zone painting	120	1,355	1,475	480	414	894
Electric stations, power plants, etc.	18,566	49,499	68,065	92,808	31,714	124,522
Transmission lines and towers	365,008	99,361	464,369	-	-	-
Telephone and telegraph lines	1,900	12,835	14,735	1,420	12,020	13,440
Park systems (including grounds and walks)	2,988	19,703	22,691	-	45,692	45,692
Engineering, unable to specify	388,969	148,945	537,914	1,820,685	703,891	2,524,576
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	846,835	882,014	1,728,849	1,309,825	857,136	2,166,961
Retaining walls, embankments and ripraping	-	20,109	20,109	55,794	45,647	101,441
Canals and waterways	16,779	2,732	19,511	8,686	1,046	9,732
Dredging	-	171,302	171,302	-	143,751	143,751
Works, unable to specify	678,064	7,130	685,194	527,718	-	527,718
<u>Trade Construction</u>						
Bricklaying	38,545	54,023	92,568	37,439	26,494	63,933
Carpentry work	150,773	335,868	486,641	178,314	349,011	527,325
Commercial refrigeration	-	9,599	9,599	-	-	-
Concreting and cement work	5,734	19,427	25,161	103,050	45,735	148,785
Electrical work	149,115	802,833	951,948	200,347	266,139	466,486
Elevators, service	-	70,116	86,687	74,524	-	161,211
Excavating	-	36,764	36,764	-	-	-
Flooring	-	41,613	41,613	6,195	20,834	27,029
Glass and glazing	-	93,426	93,426	53,715	42,751	96,466
Lathing, plastering and stucco	29,174	16,908	46,082	41,747	14,809	56,566
Masonry and stone work	-	-	-	-	26,606	26,606
Painting and decorating	33,965	631,384	665,349	47,475	705,317	752,792
Plumbing, heating and sanitary engineering	431,729	1,196,329	1,628,058	745,211	1,100,638	1,845,849
Roofing sheet metal	-	16,357	16,357	23,900	93,928	117,828
Roofing, all other	5,616	60,381	65,997	38,091	30,446	68,537
Sheet metal work, other than roofing	31,550	71,797	103,347	56,665	66,295	122,960
Tiling, marble and terrazzo	-	21,510	21,510	111,750	37,250	149,000
Trades, unable to specify	628,142	384,219	1,012,361	94,664	610,940	705,604
TOTAL VALUE OF WORK PERFORMED	22,894,469	17,963,850	40,858,319	33,132,689	19,764,126	52,896,815

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	2,617,689	778,621	3,396,310	3,375,880	602,108	3,977,988
Dwellings, semi-detached or double	105,355	176,984	282,339	122,837	39,283	162,120
Duplexes	-	41,620	41,620	-	-	-
Apartment houses	-	290,874	290,874	231,321	44,355	275,676
Hotels, clubs and restaurants, etc.	25,940	150,511	176,451	123,700	124,022	247,722
Churches and church halls	186,248	194,549	380,797	343,118	158,826	501,944
Hospitals and sanatoria	1,877,616	95,596	1,973,212	1,439,366	33,899	1,473,265
Schools, institutions, etc.	564,324	329,469	893,793	693,881	380,073	1,073,954
Office buildings	389,372	368,622	757,994	537,886	283,923	821,803
Stores	388,912	460,304	849,216	629,404	202,572	831,976
Theatres and amusement halls	296,513	103,654	400,167	559,107	43,533	602,640
Factories, warehouses and storehouses	6,931,659	1,233,643	8,165,302	5,183,921	5,817,777	11,001,636
Garages	510,622	111,776	622,398	313,595	25,243	338,836
Service stations	288,023	498,892	786,915	344,985	452,174	797,158
Mine buildings	-	24,180	24,180	-	-	-
Farm buildings	52,500	18,284	70,784	25,810	13,446	39,256
Aeroplane hangars	-	-	-	-	-	-
Buildings, unable to specify	250,932	197,751	448,685	227,366	80,283	307,649

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NOVA SCOTIA

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1946 and 1947 - Concluded.

	1946			1947		
	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.	550,654	-	550,654	2,375,693	-	2,375,693
Gravel or stone surfaced streets, highways, etc.	1,526,354	-	1,526,354	3,699,809	-	3,699,809
Dirt and Clay roads	-	-	-	1,072,709	-	1,072,709
Grading, scraping, oiling, filling, etc.	255,033	-	255,033	-	-	-
Sidewalks	157,986	-	157,986	60,968	-	60,968
Bridges, viaducts, all types	-	-	-	134,117	-	134,117
Culverts	-	-	-	201,595	-	201,595
Water mains and connections	-	-	-	174,321	-	174,321
Sewers, sewage disposal works and connections	-	-	-	249,951	-	249,951
Storm sewers	-	-	-	196,793	-	196,793
Dams and reservoirs	-	-	-	322,496	-	322,496
Electric stations, power plants, etc.	18,566	49,218	67,784	92,808	-	92,808
Transmission lines and towers	360,446	86,668	447,114	-	-	-
Engineering, unable to specify	845,899	945,214	1,791,113	1,562,830	187,617	1,750,447
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	819,526	342,112	1,161,638	1,188,954	135,060	1,324,014
Works, unable to specify	657,848	10,430	668,278	502,835	2,414	505,249
<u>Trade Construction</u>						
Bricklaying	38,545	54,023	92,568	37,439	26,494	63,933
Carpentry work	150,773	335,868	486,641	178,314	349,011	527,325
Commercial refrigeration	-	9,599	9,599	-	-	-
Concreting and cement work	5,734	19,427	25,161	105,050	45,735	148,785
Electrical work	148,115	802,833	951,948	200,347	266,159	466,486
Elevators, service	-	70,116	70,116	86,687	74,524	161,211
Excavating	-	36,764	36,764	-	-	-
Flooring	-	41,613	41,613	6,195	20,834	27,029
Glass and glazing	-	93,426	93,426	53,715	42,751	96,466
Lathing, plastering and stucco	29,174	16,908	46,082	41,747	14,809	56,556
Masonry and stone work	-	-	-	-	26,606	26,606
Painting and decorating	33,966	631,384	665,349	47,475	705,317	752,792
Plumbing, heating and sanitary engineering	431,729	1,196,329	1,628,058	745,211	1,100,658	1,845,849
Roofing, sheet metal	-	16,357	16,357	23,900	93,928	117,828
Roofing, all other	5,616	60,381	65,997	38,091	30,446	68,537
Sheet metal work, other than roofing	31,550	71,797	103,347	56,665	66,295	122,960
Tiling, marble and terrazzo	-	21,510	21,510	111,760	37,250	149,000
Trades, unable to specify	628,142	384,219	1,012,361	94,664	610,940	705,604
TOTAL VALUE OF WORK PERFORMED	21,162,360	10,371,526	31,533,886	27,813,306	12,138,325	39,951,631

Table 28. - Description, Classification and Value of Work Performed in Nova Scotia by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Bricklaying</u>	\$	\$	\$	\$	\$	\$
Bricklaying	32,909	4,758	37,667	80,218	4,637	84,855
Carpentry work	19,260	11,890	31,150	20,592	11,229	31,821
Concreting and cement work	63,759	-	63,759	-	-	-
Electrical work	433,447	238,482	671,929	819,858	164,715	974,571
Flooring	-	-	-	10,702	11,590	22,292
Lathing, plastering and stucco	147,821	26,105	173,926	200,043	15,421	213,464
Masonry and stone work	-	-	-	17,947	5,315	21,262
Painting and decorating	61,036	168,987	230,023	124,460	110,548	235,008
Plumbing, heating and sanitary engineering	733,184	212,268	945,420	1,090,037	164,226	1,254,263
Roofing, other than sheet metal	-	12,840	12,840	28,487	-	28,487
Sheet metal work, other than roofing	96,269	-	96,269	-	-	-
Structural steel work	420,959	-	420,959	-	-	-
Work, unable to specify	251,979	179,241	431,220	891,446	104,829	996,275
TOTAL VALUE OF WORK PERFORMED	2,260,603	854,559	3,115,162	3,283,790	578,508	3,862,296

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NOVA SCOTIA

Table 29. - Description, Classification and Value of Work Performed in Nova Scotia by Municipalities,
The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings	20,086	72,368	92,454	71,371	264,975	336,346
Office buildings	5,645	467,995	473,640	268,299	208,794	477,093
Warehouses and storehouses	46,767	360,985	407,752	244,409	138,697	383,106
Garages	-	15,207	15,207	6,109	4,968	11,077
Elevators, grain	-	17,674	17,674	-	46,638	46,638
Farm buildings	1,507	1,046	2,553	8,520	538	9,058
Armouries and barracks	-	448,209	448,209	46,955	85,625	132,580
Hospitals and sanatoria	140,892	141,768	282,660	356,591	56,363	412,954
Hotels, clubs and restaurants, etc.	196,056	-	196,056	40,700	6,839	47,539
Schools, institutions, etc.	43,408	44,514	87,922	148,852	47,104	195,956
All other buildings and structures	808	143,254	144,062	27,840	17,744	45,584
Hard surfaced or paved streets, highways, etc.	57,039	650,707	707,746	173,841	687,482	861,323
Gravel and stone surfaced streets, highways, etc.	681,340	2,621,077	3,302,417	2,938,023	3,623,800	6,561,823
Dirt or clay roads	227,357	844,080	1,072,037	9,600	71,147	80,747
Grading, scraping, oiling, filling, etc.	-	68,056	68,056	43,250	60,332	103,582
Sidewalks	6,050	22,741	28,791	57,800	18,321	76,121
Roadside maintenance and area improvement ...	-	14,243	14,243	4,500	7,869	12,369
Bridges, viaducts, all types	-	582,881	582,881	78,529	647,811	726,340
Subways, overhead crossings, etc.	-	1,078	1,078	-	1,493	1,493
Culverts	600	4,146	4,746	4,718	2,052	6,770
Storm sewers	7,995	6,028	14,023	18,242	3,643	21,885
Tile drains, drainage ditches and open sewers.	-	5,386	5,386	5,162	12,580	17,742
Fencing (excluding temporary snow fencing) ...	-	23,345	23,345	7,170	2,507	9,677
Guard rails	-	1,326	1,326	7,000	394	7,394
Signs	65	3,672	3,737	700	1,555	2,255
Zone painting	120	1,355	1,475	480	414	894
Watermains and connections	140,099	79,609	219,708	153,446	32,063	185,509
Sewers and connections	65,734	62,010	127,744	108,445	13,603	122,048
Reservoirs	-	4,145	4,145	-	8,923	8,923
Street lighting	-	-	-	7,688	2,100	9,788
Electric stations, power plants, etc.	-	281	281	-	21,905	21,905
Pole or distribution lines, electric	4,562	12,698	17,256	19,446	17,332	36,778
Docks, wharves, piers, breakwaters	27,309	539,902	567,211	120,871	722,076	842,947
Retaining walls and riprappling	-	16,809	16,809	16,032	43,233	59,265
Canals and waterways	16,779	2,732	19,511	6,726	1,046	7,772
Water control or dams	-	1,335	1,335	2,203	-	2,203
Aerodromes or landing fields	-	-	-	2,500	1,850	4,350
Dredging	20,216	171,302	191,518	66,605	143,751	210,356
Park systems (including grounds and walks) ...	2,988	19,703	22,691	1,650	45,456	47,106
Telephone and telegraph lines	1,900	12,835	14,735	1,420	12,020	13,440
Works, unable to specify	16,787	105,227	122,014	243,690	540,758	784,448
TOTAL VALUE OF WORK PERFORMED	1,732,109	7,592,324	9,324,453	5,319,383	7,625,801	12,945,184

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NOVA SCOTIA

Table 30. - Cost of Materials Used in Nova Scotia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946	1947
	Cost Value	Cost Value
Lumber and timber, rough and dressed	875,899	725,855
Lumber and timber, creosoted or chemically treated	36,964	278,066
Piling, wood (including treated piling)	45,020	47,620
Piling, steel	-	25,086
Piling, other	21,442	31,121
Posts, wood	8,382	7,017
Posts, steel	529	524
Posts, other	2,220	1,974
Iron and steel shapes	16,911	8,774
Iron and steel forms	3,010	4,352
Iron and steel reinforcing	24,226	45,325
Hydrants	7,156	8,544
Manhole covers and frames	15,088	18,975
Pipe, metal	58,928	75,945
Pipe, concrete	3,078	25,572
Pipe, vitrified clay, etc.	23,277	34,520
Culverts	472	4,068
Rope or cable, wire	9,845	11,021
Rope, other	2,813	9,093
Wire netting or mesh	188	483
Electric light standards	4,787	1,845
Electrical supplies	45,419	96,043
Plumbing and shop supplies	51,924	49,344
Lead and lead pipe	8,782	4,184
Pipe fittings	13,939	24,451
Valves	10,605	11,237
Hardware	147,184	129,302
Paint and painters' supplies	66,946	94,221
Explosives	6,735	19,761
Fencing materials (not to include posts)	5,851	575
Guard rail materials (not to include posts)	139	11,701
Signs, metal	3,254	739
Brick	4,276	8,503
Stone, crushed and all other	19,785	115,309
Paving blocks	-	1,663
Gravel	180,519	260,687
Sand	18,176	8,532
Cement	27,988	70,041
Concrete, ready mix	2,528	-
Bituminous materials (not including oil)	81,525	121,480
Calcium chloride, salt and other chemicals	40,177	68,521
Oil, for road construction	8,447	25,263
Borrow pits, earth fill, cinders, etc.	4,028	9,829
Roofing materials	11,154	18,853
All other materials (unable to specify)	1,413,130	2,072,006
TOTAL COST OF MATERIALS USED	3,330,646	4,587,993

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NEW BRUNSWICK

Table 31. - Principal Statistics of the Construction Industry in New Brunswick in 1946 and 1947.

	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>1946</u>							
General and Trade Contractors and Subcontractors	474	4,543	7,220,674	11,035,675	14,421,855	6,486,193	20,908,048
Municipalities	8	265	414,781	276,543	337,855	398,123	735,978
The Harbours Board, Provincial and Dominion Government Departments ...	9	2,612	3,636,666	2,039,294	2,715,808	3,401,276	6,117,084
Totals	491	7,340	11,272,121	13,351,512	17,475,518	10,285,592	27,761,110
<u>1947</u>							
General and Trade Contractors and Subcontractors	554	6,570	11,457,618	18,597,256	29,463,080	4,353,785	33,816,865
Municipalities	15	385	553,515	661,177	828,192	485,897	1,314,089
The Harbours Board, Provincial and Dominion Government Departments ...	10	2,487	3,969,903	2,882,531	3,678,417	3,865,304	7,543,721
Totals	579	9,442	15,981,036	22,160,964	33,969,589	8,704,986	42,674,675

Table 32. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	3,070,204	429,449	3,499,653	2,884,326	432,101	3,316,427
Dwellings, semi-detached or double	510,559	143,060	653,619	548,531	5,878	554,409
Duplexes	16,131	22,436	38,567	34,880	-	34,880
Apartment houses	113,669	154,671	268,340	243,807	70,601	314,408
Hotels, clubs, restaurants, etc.	123,418	44,119	167,537	-	41,103	41,103
Churches and church halls	-	52,614	52,614	122,732	26,652	149,384
Hospitals and sanatoria	776,102	123,252	899,354	-	10,172	10,172
Schools, institutions, etc.	1,443,514	59,138	1,502,652	2,582,925	22,786	2,605,711
Office buildings	162,711	151,513	314,024	906,395	73,941	980,336
Stores	227,358	140,403	367,761	464,670	104,412	569,082
Theatres and amusement halls	157,486	5,656	163,142	427,966	14,589	442,555
Factories, warehouses and storehouses	1,734,139	428,465	2,162,604	2,412,557	345,936	2,758,493
Elevators, grain	-	6,119	6,119	-	12,730	12,730
Garages	322,733	54,238	376,971	816,595	11,397	827,992
Service stations	70,651	107,153	177,804	525,596	96,247	621,843
Farm buildings	34,855	16,054	50,909	-	4,379	4,379
Armouries and barracks	16,970	89,082	106,052	3,417	27,452	30,869
Buildings, unable to specify	223,120	116,708	339,828	1,221,921	36,978	1,258,899

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

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, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	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.	486,073	233,614	719,687	4,157,232	59,802	4,217,034
Gravel or stone surfaced streets, highways, etc.	4,111,932	4,351,701	8,463,633	5,790,938	3,298,818	9,089,756
Dirt or clay roads	-	7,486	7,466	1,303,074	18,450	1,321,524
Grading, scraping, oiling, filling, etc.	151,636	22,191	173,827	-	36,283	36,283
Sidewalks	36,200	17,261	53,461	13,391	22,098	35,489
Roadside maintenance and area improvement ..	2,000	2,132	4,132	-	8,165	8,165
Bridges, viaducts, all types	558,831	404,476	963,307	549,212	590,063	1,139,275
Culverts	140,171	3,666	143,837	130,701	7,778	138,479
Watermains and connections	107,421	121,665	229,086	377,172	113,164	490,336
Sewers and connections	358,996	58,259	417,255	282,853	43,669	326,522
Storm sewers	300	2,191	2,491	-	6,357	6,357
Tile drains, drainage ditches and open sewers	-	5,384	5,384	-	3,995	3,995
Dams and reservoirs	-	5,269	5,269	24,177	429	24,606
Street lighting	-	-	-	3,592	567	4,159
Fencing (excluding temporary snow fencing) ..	511	1,387	1,898	1,303	1,349	2,652
Guard rails	-	322	322	-	-	-
Signs	6,678	1,461	8,139	10,514	608	11,122
Zone painting	40,214	489	40,703	59,491	739	60,230
Electric stations, power plants, etc.	110,230	327,187	437,417	1,430,890	-	1,430,890
Transmission lines and towers	523,723	27,048	550,771	-	-	-
Aerodromes or landing fields	-	489	489	-	-	-
Park systems (including grounds and walks) ..	-	23,360	23,360	17,042	22,164	39,206
Telephone and telegraph lines	-	4,463	4,463	-	10,899	10,899
Engineering, unable to specify	731,237	176,361	907,598	2,250,401	585,680	2,836,081
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	-	185,288	185,288	-	77,314	77,314
Retaining walls, embankments and ripraping .	1,118	4,450	5,568	3,510	-	3,510
Dredging	-	237,959	237,959	-	287,943	287,943
Works, unable to specify	264,657	5,086	269,743	2,636,608	13,887	2,650,495
<u>Trade Construction</u>						
Air conditioning	15,864	13,989	29,853	-	-	-
Bricklaying	29,630	88,183	117,813	26,370	13,660	40,030
Carpentry work	26,730	170,737	197,467	57,717	143,556	201,273
Concreting and cement work	5,171	34,508	39,679	18,871	21,878	35,569
Electrical work	77,029	171,844	248,873	174,163	256,093	430,256
Excavating	-	9,688	9,688	19,893	1,959	21,852
Flooring	-	17,387	17,387	24,677	-	24,677
Lathing, plastering and stucco	21,608	11,274	32,882	37,941	15,628	53,569
Painting and decorating	77,017	271,869	348,886	80,735	400,926	481,661
Plumbing, heating and sanitary engineering .	340,616	637,084	977,700	624,065	759,749	1,583,814
Roofing, sheet metal	-	25,671	25,671	-	15,233	15,233
Roofing, all other	-	92,164	92,164	-	69,660	69,660
Sheet metal work, other than roofing	27,948	41,227	69,175	77,706	78,865	156,571
Glass and glazing	-	5,249	5,249	-	-	-
Tiling, marble and terrazzo	-	8,546	8,546	-	-	-
Weatherstripping and insulation	-	256,032	256,032	95,335	-	95,335
Trades, unable to specify	218,357	55,585	273,942	498,797	380,204	879,001
TOTAL VALUE OF WORK PERFORMED	17,475,518	10,285,592	27,761,110	33,969,689	8,704,986	42,674,675

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NEW BRUNSWICK

Table 33. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	3,067,404	416,454	3,483,858	2,805,475	403,016	3,208,491
Dwellings, semi-detached or double	510,559	143,060	653,619	548,531	5,878	554,409
Duplexes	16,131	22,436	38,567	34,880	-	34,880
Apartment houses	113,869	154,671	268,340	243,807	70,601	314,408
Hotels, clubs, restaurants, etc.	123,418	44,119	167,537	-	41,103	41,103
Churches and church halls	-	52,614	52,614	122,732	26,652	149,384
Hospitals and sanatoria	773,747	123,252	896,999	-	10,172	10,172
Schools, institutions, etc.	1,443,514	59,138	1,502,652	2,582,925	22,786	2,605,711
Office buildings	161,129	111,209	272,338	901,020	61,475	962,495
Stores	227,358	140,403	367,761	464,670	104,412	569,082
Theatres and amusement halls	157,486	5,656	163,142	427,956	14,589	442,555
Factories, warehouses and storehouses	1,732,945	379,831	2,112,776	2,256,575	262,094	2,518,669
Garages	178,527	30,504	209,031	676,643	11,397	688,040
Service stations	70,851	107,153	177,804	525,596	96,247	621,843
Farm buildings	34,855	11,810	46,665	-	4,379	4,379
Buildings, unable to specify	221,514	92,960	314,474	1,103,319	27,254	1,130,573
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	-	-	-	3,116,017	-	3,116,017
Gravel or stone surfaced streets, highways, etc.	2,523,075	1,836,326	4,359,401	4,105,293	323,275	4,428,568
Dirt or clay roads	-	-	-	1,301,312	-	1,301,312
Grading, scraping, oiling, filling, etc.	151,636	-	151,636	-	-	-
Watermains and connections	-	-	-	95,942	-	95,942
Sewers and connections	275,566	-	275,566	124,518	-	124,518
Electric stations, power plants, etc.	35,000	327,187	362,187	1,430,890	-	1,430,890
Transmission lines and towers	512,488	3,802	516,290	-	-	-
Engineering, unable to specify	986,106	315,841	1,301,947	2,400,651	494,381	2,895,032
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify	265,107	203,692	468,799	2,480,941	218,347	2,699,288
<u>Trade Construction</u>						
Air conditioning	16,864	13,989	29,853	-	-	-
Bricklaying	29,630	88,183	117,813	26,370	13,660	40,030
Carpentry work	26,730	170,737	197,467	57,717	143,556	201,273
Concreting and cement work	5,171	34,508	39,679	13,871	21,878	35,749
Electrical work	77,029	171,844	248,873	174,163	256,093	430,256
Flooring	-	17,387	17,387	24,677	-	24,677
Glass and glazing	-	5,249	5,249	-	-	-
Lathing, plastering and stucco	21,608	11,274	32,882	37,941	15,628	53,569
Painting and decorating	77,017	271,869	348,886	80,735	400,926	481,681
Plumbing, heating and sanitary engineering ...	340,616	637,084	977,700	624,065	759,749	1,383,814
Roofing, sheet metal	-	25,671	25,671	-	15,233	15,233
Roofing, all other	-	92,164	92,164	-	69,660	69,660
Sheet metal work other than roofing	27,948	41,227	69,175	77,706	78,865	156,571
Tiling, marble and terrazzo	-	8,546	8,546	-	-	-
Weatherstripping and insulation	-	256,032	256,032	95,335	-	95,335
Trades, unable to specify	218,357	58,311	276,668	500,787	380,479	881,276
TOTAL VALUE OF WORK PERFORMED	14,421,865	6,486,193	20,908,048	29,463,080	4,353,785	33,816,865

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

NEW BRUNSWICK

Table 34. - Description, Classification and Value of Work Performed in New Brunswick by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	16,341	9,768	26,109	-	-	-
Carpentry work	-	5,170	5,170	-	-	-
Electrical work	223,546	186,961	410,507	414,546	90,844	505,389
Flooring	-	1,564	1,564	12,602	-	12,602
Lathing, plastering and stucco	-	48,954	33,099	82,053	117,434	42,594
Painting and decorating	578,107	175,406	751,512	1,046,875	124,062	1,170,937
Plumbing, heating and sanitary engineering ...	-	4,945	4,945	-	-	-
Roofing, sheet metal	72,812	6,666	79,478	28,645	-	28,645
Roofing, all other	-	82,005	82,005	-	-	-
Structural steel work	-	29,491	29,491	31,419	-	31,419
Tiling, marble and terrazzo	68,360	-	68,360	-	-	-
Weatherstripping and insulation	482,157	46,597	528,554	1,199,121	236,424	1,435,545
TOTAL VALUE OF WORK PERFORMED	1,517,768	551,980	2,069,748	2,850,641	493,924	3,344,565

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings, single	2,800	12,995	15,795	78,851	29,085	107,936
Office buildings	1,582	40,104	41,686	5,375	12,466	17,841
Factories, warehouses and storehouses	1,194	48,634	49,828	155,982	83,842	239,824
Garages	144,206	23,734	167,940	139,952	-	139,952
Elevators, grain	-	6,119	6,119	-	12,730	12,730
Farm buildings	-	4,244	4,244	-	-	-
Armouries and barracks	16,970	89,082	106,052	3,417	27,452	30,869
Hospitals and sanatoria	2,355	-	2,355	-	-	-
All other buildings and structures	1,806	23,748	25,554	118,602	9,724	128,326
Hard surfaced or paved streets, highways, etc. .	310,387	49,087	359,474	1,041,215	53,749	1,094,964
Gravel or stone surfaced streets, highways, etc.	1,588,857	2,515,375	4,104,232	1,685,545	2,975,543	4,661,188
Dirt or clay roads	4,540	7,466	12,006	1,762	18,460	20,212
Grading, scraping, oiling, filling, etc.	-	22,191	22,191	2,609	36,283	38,892
Sidewalks	36,200	17,281	53,461	9,391	22,098	31,489
Roadside maintenance and area improvement	2,000	2,132	4,132	-	8,165	8,165
Bridges, viaducts, all types	470,651	404,476	875,127	352,229	571,260	923,489
Culverts	131,589	3,666	135,255	130,701	7,778	138,479
Storm sewers	300	2,191	2,491	-	6,357	6,357
Tile drains, drainage ditches and open sewers .	-	5,384	5,384	-	3,995	3,995
Fencing (excluding temporary snow fencing)	511	1,387	1,890	1,303	1,349	2,652
Guard rails	-	322	322	-	-	-
Signs	6,678	1,461	8,139	10,514	608	11,122
Zone painting	40,214	489	40,703	59,491	739	60,230
Watermains and connections	107,421	121,665	229,086	281,230	112,784	393,994
Reservoirs	-	5,269	5,269	7,525	429	7,954
Street lighting	-	-	-	3,592	567	4,169
Sewers and connections	83,450	41,263	124,693	155,335	42,969	201,304
Electric stations, power plants, etc.	75,230	-	75,230	-	-	-
Poles or distribution lines, electric	11,235	23,246	34,481	47,732	23,325	71,057
Docks, wharves, piers, breakwaters	-	172,653	172,653	155,847	59,397	215,244
Retaining walls and riprappling	668	4,450	5,118	3,330	-	5,330
Aerodromes or landing fields	-	489	489	-	-	-
Dredging	-	51,988	51,988	-	101,400	101,400
Excavating	-	6,962	6,962	17,893	1,684	19,577

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

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 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Parks systems (including grounds and walks)	-	23,360	23,360	6,849	22,164	29,013
Railway (steam) construction work	-	250	250	-	-	-
Telephone and telegraph lines	-	4,463	4,463	-	10,899	10,899
Works, unable to specify	13,089	61,793	74,832	27,237	93,930	121,187
TOTAL VALUE OF WORK PERFORMED	3,063,663	3,799,399	6,855,062	4,506,609	4,351,201	8,857,810

Table 36. - Cost of Materials Used in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments, in 1946 and 1947.

	1946		1947	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed			468,343	682,938
Lumber and timber, creosoted or chemically treated			350,545	663,808
Filing, wood (including treated piling)			10,348	278
Filing, other			-	1,542
Posts, wood			4,840	1,748
Posts, steel			-	130
Posts, other			-	258
Iron and steel shapes			12,750	29,197
Iron and steel forms			60	10,901
Iron and steel reinforcing			19,162	15,614
Hydrants			3,065	9,879
Manhole covers and frames			4,759	17,199
Pipe, metal			43,926	128,643
Pipe, concrete			21,243	57,143
Pipe, vitrified clay, etc.			22,568	60,154
Culverts			-	5,105
Rope or cable, wire			8,864	17,181
Rope, other			718	3,600
Wire netting or mesh			131	153
Electric light standards			10,484	237
Electrical supplies			15,599	42,887
Plumbing and shop supplies			5,707	33,957
Lead and lead pipe			15,300	21,070
Pipe fittings			8,447	12,571
Valves			13,992	17,878
Hardware			58,483	53,794
Paint and painters' supplies			24,966	75,311
Explosives			11,896	10,753
Fencing materials (not to include posts)			682	1,219
Signs, metal			682	388
Brick			5,209	4,009
Stone, crushed and all other			22,921	15,592
Paving, blocks			-	3,811
Gravel			75,637	143,080
Sand			17,160	10,008
Cement			26,165	31,169
Concrete, ready-mix			-	4,639
Bituminous materials (not including oil)			149,530	365,807
Calcium chloride, salt and other chemicals			35,177	30,309
Oil, for road construction			4,809	8,478
Borrow pits, earth fill, cinders, etc.			16,302	719
Roofing materials			5,373	4,948
Materials, unable to specify			816,014	965,605
TOTAL COST OF MATERIALS USED			2,315,837	3,563,708

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

QUEBEC

Table 37. - Principal Statistics of the Construction Industry in Quebec in 1946 and 1947.

	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>1946</u>							
General and Trade Contractors and Subcontractors	5,316	48,237	83,010,462	119,647,725	152,929,299	59,988,052	212,917,351
Municipalities	54	3,003	4,243,388	2,464,692	3,114,902	3,792,955	6,907,857
The Harbours Board	5	423	671,797	307,582	73,758	985,299	1,059,057
Provincial Government Departments ..	4	1,403	1,466,661	1,242,496	840,179	1,951,759	2,791,938
Dominion Government Departments ..	7	826	1,259,412	591,243	228,150	1,877,935	1,906,086
Totals	5,386	53,892	90,661,720	124,253,737	157,186,288	68,396,000	225,582,288
<u>1947</u>							
General and Trade Contractors and Subcontractors	4,925	56,727	106,513,800	169,152,539	251,773,386	40,629,663	292,403,049
Municipalities	56	3,127	5,395,506	3,509,624	5,255,117	3,923,896	9,159,013
The Harbours Board	5	421	727,085	334,669	145,389	976,240	1,121,579
Provincial Government Departments ..	10	9,890	18,463,218	7,765,897	17,642,540	15,967,535	33,610,075
Dominion Government Departments ..	13	807	1,395,667	854,110	1,052,355	1,168,707	2,221,062
Totals	5,009	70,972	132,495,276	181,616,839	275,848,787	62,666,041	338,514,778

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 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	18,585,816	3,423,670	22,009,486	20,317,841	1,770,621	22,088,482
Dwellings, semi-detached or double	6,475,883	1,105,970	7,581,853	6,405,571	496,041	6,901,612
Duplexes	9,037,249	954,196	9,991,445	8,365,509	443,721	8,809,230
Apartment houses	6,723,525	1,167,482	7,891,307	9,018,032	471,255	9,487,287
Hotels, clubs, restaurants, etc.	2,807,504	1,422,615	4,230,119	7,231,913	354,542	7,586,455
Churches and church halls	2,591,488	818,249	3,409,737	5,053,269	219,865	5,273,134
Hospitals and sanatoria	3,897,027	1,585,451	5,482,478	9,499,107	618,051	10,117,158
Schools, institutions, etc.	5,808,521	1,626,522	7,435,043	13,085,607	1,031,637	14,117,244
Office buildings	2,922,636	2,760,492	5,683,128	9,091,621	1,958,915	11,050,536
Stores	3,789,568	2,775,211	6,564,779	5,586,235	676,658	6,262,893
Theatres and amusement halls	1,392,555	443,944	1,836,499	5,749,138	189,790	5,938,928
Factories, warehouses and storehouses	34,799,226	11,918,409	46,717,635	51,415,698	3,278,551	54,694,249
Elevators, grain	123,448	304,838	428,286	275,574	553,603	829,177
Garages	2,982,748	549,913	3,532,661	3,832,914	335,352	4,168,266
Service stations	-	871,229	871,229	-	-	-
Mine buildings	2,582,738	174,081	2,756,819	2,692,580	83,853	2,776,433
Farm buildings	595,129	282,055	877,184	261,324	68,985	330,309
Armouries and barracks	-	295,519	295,519	96,111	156,358	252,469
Aeroplane hangars	-	9,866	9,866	-	2,203	2,203
Buildings, unable to specify	2,135,676	246,714	2,382,389	5,554,424	905,498	6,459,922
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	9,795,688	1,679,605	11,475,293	15,286,794	4,468,769	19,755,563
Gravel or stone surfaced streets, highways, etc.	4,794,462	1,665,160	6,459,612	20,287,136	8,660,868	28,948,004
Dirt or clay roads	453,305	70,068	523,373	1,319,200	216,073	1,535,273
Grading, scraping, oiling, filling, etc.	800,309	333,758	1,134,067	1,352,535	4,145,917	5,498,452
Sidewalks	340,190	226,059	566,249	804,388	108,826	913,214
Roadside maintenance and area improvement	157,879	51,002	208,881	498,264	966,708	1,464,972

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

QUEBEC

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 1946 and 1947. - Concluded.

	1946			1947		
	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	1,280,168	1,553,846	2,834,014	6,502,680	338,914	6,841,594
Subways, overhead crossings, etc.		87,467	87,467	217,225	39,059	256,284
Culverts	462,969	13,433	476,402	1,251,744	719,071	1,970,815
Watermains and connections	3,564,905	1,004,373	4,559,278	2,998,573	817,839	3,816,412
Sewers and connections	2,392,799	324,311	2,717,110	2,745,882	169,721	2,915,603
Storm sewers	284,862	146,704	431,566	681,720	232,703	914,423
Tile drains, drainage ditches and open sewers	433,507	16,186	449,693	873,096	342,249	1,215,345
Dams and reservoirs	-	279,376	279,376	3,486,560	80,752	3,566,312
Street Lighting	-	-	-	111,844	58,126	169,970
Fencing (excluding temporary snow fencing)	-	7,565	7,565	101,387	43,462	144,849
Guard rails	-	3,029	3,029	76,834	142,141	218,775
Signs	29,021	11,392	40,413	215,154	40,031	255,185
Zone painting	227	6,045	6,272	1,210	72,404	73,614
Electric stations, power plants, etc. ..	1,695,388	1,136,746	2,832,134	7,900,738	234,234	8,134,972
Transmission lines and towers	5,267,506	810,179	6,067,685	11,366,799	736,886	12,103,685
Railway (steam) construction work	484,674	307,241	791,915	1,305,576	-	1,305,576
Aerodromes or landing fields	-	-	-	-	295	295
Park systems (including grounds and walks)	87,118	230,087	317,205	213,394	203,471	416,865
Underground conduits	-	-	-	1,582,350	-	1,582,350
Telephone and telegraph lines	-	34,495	34,495	21,990	5,828	27,818
Installation of machinery	-	-	-	963,119	22,540	985,659
Engineering, unable to specify	2,569,251	468,220	3,037,471	1,168,710	691,505	1,860,215
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ..	117,484	742,581	860,045	1,255,513	167,599	1,423,112
Retaining walls, embankments and ripraping	59,239	102,431	161,670	709,138	137,166	846,304
Canals and waterways	49,972	116,883	166,855	-	162,532	162,532
Dredging	2,633,722	198,508	2,832,230	905,433	-	905,433
Works, unable to specify	5,500	-	5,500	619,748	3,360,485	3,980,233
<u>Trade Construction</u>						
Air conditioning	391,842	195,067	586,909	280,189	86,763	366,952
Bricklaying	485,501	515,630	1,001,131	1,065,622	392,935	1,448,557
Carpentry work	286,714	736,418	1,022,132	1,143,116	796,568	1,939,584
Commercial refrigeration	-	253,660	253,660	-	123,281	123,281
Concrete and cement work	244,667	227,056	471,723	966,008	771,096	1,727,104
Electrical work	1,281,586	3,822,606	5,104,192	2,762,868	2,637,612	5,400,280
Elevators, service	-	771,765	771,765	2,562,651	733,900	3,296,551
Excavating	308,862	115,504	424,368	1,323,953	237,938	1,621,891
Flooring	98,036	310,493	408,529	199,210	199,002	398,212
Glass and glazing	176,846	429,157	606,003	594,483	248,638	843,121
Lathing, plastering and stucco	376,042	406,528	782,570	750,814	271,452	1,022,266
Masonry and stone work	106,649	106,859	213,508	125,108	83,458	208,566
Ornamental iron work	122,043	270,282	392,325	196,829	280,105	476,934
Painting and decorating	419,421	3,922,950	4,242,371	1,257,274	3,500,634	4,757,908
Plumbing, heating and sanitary engineering	3,760,220	8,845,904	12,606,124	5,105,424	7,871,265	12,976,689
Roofing, sheet metal	224,023	484,132	708,155	417,339	452,885	870,224
Roofing, all other	335,439	931,058	1,266,497	509,075	657,750	1,166,825
Sheet metal work, other than roofing ..	515,197	603,933	1,119,130	1,106,264	554,707	1,660,971
Sprinkler installation	-	-	-	871,967	204,889	1,076,856
Structural steel work	445,141	79,900	525,041	-	40,917	40,917
Tiling, marble and terrazzo	335,665	354,087	689,752	889,639	261,365	1,151,004
Weatherstripping and insulation	445,880	458,697	904,577	827,768	526,129	1,353,897
Wrecking and demolition	-	30,693	30,693	-	625,771	625,771
Trades, unable to specify	1,835,343	261,465	2,096,808	2,499,334	105,308	2,604,642
TOTAL VALUE OF WORK PERFORMED	157,186,288	68,396,000	225,582,288	275,848,737	62,666,041	338,514,778

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

QUEBEC

Table 39. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	18,579,785	3,417,035	21,996,820	20,269,621	1,713,329	21,982,950
Dwellings, semi-detached or double	6,475,883	1,105,970	7,581,853	6,405,571	496,041	6,901,612
Duplexes	9,037,249	954,196	9,991,445	8,385,509	443,721	8,809,230
Apartment houses	6,723,825	1,167,482	7,891,307	9,016,052	471,256	9,487,287
Hotels, clubs, restaurants, etc.	2,804,967	1,373,160	4,178,127	7,224,913	353,342	7,578,255
Churches and church halls	2,591,488	818,249	3,409,737	5,053,269	219,865	5,273,134
Hospitals and sanatoria	3,869,058	1,565,893	5,434,951	9,494,207	608,051	10,102,258
Schools, institutions, etc.	5,808,521	1,626,522	7,435,043	13,071,599	297,271	13,368,870
Office buildings	2,793,188	2,115,092	4,908,280	8,842,708	1,804,178	10,646,886
Stores	3,789,568	2,775,211	6,564,779	5,586,235	676,658	6,262,893
Theatres and amusement halls	1,373,470	427,378	1,800,848	5,749,138	189,790	5,938,928
Factories, warehouses and storehouses	34,699,784	11,513,839	46,213,623	50,981,885	2,965,082	53,966,967
Elevators, grain	122,196	82,500	204,696	264,950	333,927	598,877
Garages	2,960,345	513,438	3,473,783	3,619,845	197,403	3,817,240
Service stations	-	871,229	871,229	-	-	-
Mine buildings	2,582,738	174,081	2,756,819	2,692,580	83,853	2,776,433
Farm buildings	577,770	270,859	848,609	238,267	58,703	296,970
Buildings, unable to specify	2,119,915	214,665	2,334,580	5,558,576	845,105	6,403,681
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	9,322,916	909,976	10,232,892	10,904,524	1,155,332	12,059,856
Gravel or stone surfaced streets, highways etc.	4,660,014	658,767	5,318,771	11,946,993	624,776	12,571,768
Dirt or clay roads	450,292	25,237	475,529	621,826	112,878	734,704
Grading, scraping, oiling, filling, etc.	780,783	269,253	1,050,036	871,405	1,075,781	1,947,186
Sidewalks	219,623	26,508	246,129	396,987	3,071	399,058
Bridges, viaducts, all types	899,914	-	899,914	6,027,686	16,191	6,045,877
Subways, Overhead crossings, etc.	-	-	-	208,701	-	208,701
Culverts	403,796	-	403,796	348,229	106,257	454,486
Water mains and connections	2,500,136	137,560	2,637,696	1,357,529	-	1,357,529
Sewers and connections	1,758,819	194,547	1,951,366	1,848,829	14,256	1,863,086
Storm sewers	-	-	-	583,957	-	383,957
Tile Drains, Drainage, Ditches and Open Sewers	-	-	-	20,743	-	20,743
Dams and reservoirs	-	-	-	3,457,102	-	3,457,102
Electric stations, power plants, etc.	1,654,558	1,124,229	2,778,787	7,850,466	-	7,830,466
Transmission lines and towers	5,178,930	441,633	5,620,563	11,268,165	-	11,268,165
Railway (steam) construction work	468,417	-	468,417	1,305,576	-	1,305,576
Underground conduits	-	-	-	1,582,350	-	1,582,350
Engineering, unable to specify	2,771,138	804,339	3,575,477	965,654	991,136	1,956,790
Parks system (including grounds and walks)	-	-	-	118,785	-	118,785
Installation of Machinery	-	-	-	963,119	-	963,119
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	-	312,813	312,813	869,836	-	869,836
Retaining walls, embankments and ripraping	-	46,056	46,056	172,712	-	172,712
Canals and waterways	-	8,613	8,613	-	-	-
Dredging	2,628,512	-	2,628,512	839,856	-	839,856
Works, unable to specify	138,790.	8,910	147,700	591,042	3,197,888	3,788,930
<u>Trade Construction</u>						
Air conditioning	391,842	195,067	586,909	280,189	86,763	366,952
Bricklaying	485,501	515,630	1,001,131	1,055,622	392,935	1,448,557
Carpentry work	286,714	735,418	1,022,132	1,143,116	796,568	1,939,684
Commercial refrigeration	-	253,660	253,660	-	123,281	123,281
Concreting and cement work	244,667	227,056	471,723	956,008	771,096	1,727,104
Electrical work	1,281,586	3,822,806	5,104,192	2,762,668	2,637,612	5,400,280
Elevators, service	-	771,765	771,765	2,562,651	733,900	3,296,551
Excavating	298,656	115,604	414,160	326,627	128,094	454,721
Flooring	98,036	310,493	408,529	199,210	199,002	398,212

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

QUEBEC

Table 39. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors) in 1946 and 1947 - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - Concluded						
Glass and glazing	176,846	429,157	606,003	594,483	248,638	843,121
Lathing, plastering and stucco	376,042	406,528	782,570	750,814	271,452	1,022,266
Masonry and stone work	106,649	106,859	213,508	125,108	83,458	208,566
Ornamental iron work	122,043	270,282	392,325	196,829	280,105	476,934
Painting and decorating	419,421	3,822,950	4,242,371	1,257,274	3,500,634	4,757,908
Plumbing, heating and sanitary engineering	3,780,220	8,045,904	12,806,124	5,105,424	7,871,265	12,976,689
Roofing, sheet metal	224,023	484,132	708,155	417,339	452,885	870,224
Roofing, all other	335,439	931,058	1,266,497	508,075	657,750	1,166,825
Sheet metal work, other than roofing	515,197	603,933	1,119,130	1,106,264	554,707	1,660,971
Sprinkler installation	-	-	-	871,967	204,889	1,076,856
Structural steel work	445,141	79,900	525,041	-	40,917	40,917
Tiling, marble and terrazzo	335,665	354,087	689,752	889,639	261,365	1,151,004
Weatherstripping and insulation	445,880	458,697	904,577	827,768	526,129	1,353,897
Wrecking and demolition	-	30,693	30,693	-	625,771	625,771
Trades, unable to specify	1,835,343	261,465	2,096,808	2,499,334	105,308	2,604,642
TOTAL VALUE OF WORK PERFORMED	152,929,299	59,988,052	212,917,351	251,773,386	40,829,563	292,403,049

Table 40. - Description, Classification and Value of Work Performed in Quebec by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning						
Air conditioning	175,710	159,111	334,821	1,052,534	77,458	1,129,992
Bricklaying	1,946,099	451,453	2,397,552	2,669,102	186,384	2,835,486
Carpentry work	529,975	138,867	668,842	705,099	199,438	904,537
Commercial refrigeration	62,682	-	62,682	375,876	21,958	397,834
Concreting and cement work	2,061,955	85,723	2,147,678	1,987,911	103,756	2,091,667
Electrical work	5,093,240	1,272,370	6,365,610	8,802,257	1,634,749	10,437,006
Elevators, service	41,106	10,573	51,679	518,047	114,763	632,810
Excavating	959,991	48,162	1,008,153	648,373	45,745	694,118
Flooring	457,076	357,319	814,395	1,233,240	395,026	1,628,266
Glass and Glazing	501,644	363,564	865,208	695,974	459,552	1,155,526
Lathing, plastering and stucco	1,921,229	510,585	2,431,814	3,914,390	359,880	4,274,270
Masonry and stone work	294,444	87,093	381,537	511,660	109,895	621,555
Ornamental iron work	333,737	273,273	607,010	844,544	147,091	991,635
Painting and decorating	782,472	1,310,199	2,092,671	1,515,479	1,331,258	2,846,737
Plumbing, heating and sanitary engineering	6,704,997	2,080,582	8,785,579	13,339,867	2,221,545	15,561,412
Roofing, sheet metal	323,445	211,788	614,233	1,145,187	147,026	1,292,213
Roofing, all other	657,111	464,550	1,121,661	1,284,937	582,756	1,867,693
Sheet metal work (other than roofing)	856,564	489,777	1,346,341	1,741,428	580,980	2,322,408
Sprinkler installation	567,171	129,197	696,368	769,823	-	769,823
Street and highway work	-	46,429	46,429	288,932	-	288,932
Structural steel work	6,685,911	346,355	7,030,266	7,169,694	208,041	7,377,735
Tiling, marble and terrazzo	1,510,534	478,740	1,995,293	2,080,667	215,814	2,296,481
Weatherstripping and insulation	668,980	382,721	1,051,701	869,617	637,002	1,505,619
Work, unable to specify	413,527	295,836	709,353	1,142,757	89,603	1,232,360
TOTAL VALUE OF WORK PERFORMED	33,552,570	10,074,376	43,626,846	55,306,395	9,849,720	65,156,115

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

QUEBEC

Table 41. - Description, Classification and Value of Work Performed in Quebec by Municipalities, the Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings	6,031	6,635	12,666	48,220	57,292	105,512
Office buildings	129,448	645,400	774,848	248,913	154,737	403,650
Factories, warehouses and storehouses ...	99,442	404,570	504,012	433,813	293,469	727,282
Garages	22,403	36,475	58,878	213,069	137,949	351,018
Elevators, grain	1,252	222,338	223,590	10,624	219,676	230,300
Schools, institutions, etc.	-	-	-	14,008	734,366	748,374
Theatres and amusement halls	19,085	16,566	35,651	-	-	-
Hospitals and sanatoria	27,969	19,558	47,527	4,900	10,000	14,900
Hotels, clubs and restaurants	2,537	49,455	51,992	7,000	1,200	8,200
Farm buildings	17,359	11,218	28,575	23,057	10,282	33,339
Aeroplane hangars	-	9,223	9,223	7,759	2,203	9,962
Armouries and barracks	-	287,846	287,846	56,111	156,358	212,469
All other buildings and structures	15,760	40,565	56,325	28,089	60,393	88,462
Hard surfaced or paved streets, highways, etc.	472,772	769,629	1,242,401	4,382,270	3,313,437	7,895,707
Gravel or stone surfaced streets, highways, etc.	134,438	1,006,403	1,140,841	8,340,143	8,036,093	16,376,236
Dirt or clay roads	3,013	44,831	47,844	697,374	103,195	800,569
Grading, scraping, oiling, filling, etc..	19,526	64,505	84,031	481,130	3,070,136	3,551,265
Sidewalks	120,567	199,553	320,120	408,401	105,755	514,156
Roadside maintenance and area improvement	157,879	51,002	208,881	498,264	966,708	1,464,972
Bridges, viaducts, all types	380,254	1,320,956	1,701,210	474,994	322,723	797,717
Subways, overhead crossings, etc.	-	9,354	9,354	8,524	35,334	43,858
Culverts	59,173	10,521	69,694	903,515	612,814	1,516,329
Storm sewers	168,838	139,544	308,382	297,763	143,248	441,011
Tile drains, drainage ditches and open sewers	291,090	18,188	307,276	852,353	189,408	1,041,761
Fencing (excluding temporary snow fencing)	1,586	7,227	8,813	92,387	41,496	133,883
Guard rails	-	3,029	3,029	76,634	142,141	218,775
Signs	29,021	11,392	40,413	215,154	40,031	255,185
Zone painting	227	6,045	6,272	1,210	72,404	73,614
Watertanks and connections	1,054,769	866,813	1,921,582	1,641,044	784,745	2,405,789
Reservoirs	-	9,422	9,422	18,963	90	19,053
Street Lighting	-	-	-	111,844	58,126	169,970
Sewers and connections	635,980	129,764	765,744	897,053	155,465	1,052,518
Electric stations and power plants.....	40,850	12,517	53,347	70,272	229,271	299,543
Pole or distribution lines, electric	78,576	369,546	447,122	98,634	443,968	542,602
Docks, wharves, piers and breakwaters ...	67,484	429,748	497,232	385,677	129,000	514,877
Retaining walls and riprappling	3,849	56,375	60,224	536,426	137,166	673,592
Canal reaches	-	23,216	23,216	-	16,951	16,951
Canal locks	-	78,523	78,523	11,764	141,459	153,223
Canal gates	22,072	6,531	28,803	16,942	4,122	21,064
Water control or dams	-	65,048	65,048	9,495	71,790	81,285
Aerodromes or landing fields	-	-	-	323	295	618
Dredging	5,210	189,598	194,808	65,577	201,196	266,773
Excavating	10,206	-	10,206	1,067,326	109,844	1,167,170
Park systems (including grounds and walks)	54,465	223,802	278,267	94,609	199,528	294,137
Railway (steam) construction work	16,257	275,251	291,508	-	-	-
Telephone and telegraph lines	600	34,495	35,095	21,990	5,828	27,818
Gas mains and connections	74,036	-	74,036	56,226	-	36,226
Installation of machinery	-	-	-	-	4,913	4,913
Works, unable to specify	12,985	228,475	241,460	155,507	329,773	485,280
TOTAL VALUE OF WORK PERFORMED	4,256,989	8,407,948	12,664,937	24,075,351	22,036,378	46,111,729

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

QUEBEC

Table 42. - Cost of Materials Used in Quebec by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946	1947
	Cost Value	Cost Value
Lumber and timber, rough and dressed	\$ 804,200	1,448,492
Lumber and timber, creosoted or chemically treated	31,030	37,991
Piling, wood (including treated piling)	3,314	1,390
Piling, steel	-	59,171
Piling, other	50	585
Posts, wood	8,741	39,705
Posts, steel	1,193	20,168
Posts, other	6,780	4,256
Iron and steel shapes	99,169	59,428
Iron and steel forms	22,289	65,643
Iron and steel reinforcing	61,545	183,267
Hydrants	40,138	49,399
Manhole covers and frames	49,967	75,145
Pipe, metal	467,402	699,453
Pipe, concrete	168,861	270,585
Pipe, vitrified clay, etc.	63,445	85,435
Culverts	4,003	379,064
Rope or cable, wire	13,052	39,885
Rope, other	16,687	26,034
Wire netting or mesh	8,017	7,324
Electric light standards	47,253	42,665
Electrical supplies	194,711	317,896
Plumbing and shop supplies	77,115	119,692
Lead and lead pipe	65,233	95,454
Pipe fittings	56,256	50,081
Valves	81,460	80,645
Hardware	242,137	585,747
Paint and painters' supplies	93,767	196,363
Explosives	20,983	68,685
Fencing materials (not to include posts)	767	49,095
Guard rail materials (not to include posts)	1,840	2,625
Signs, metal	4,672	106,621
Brick	27,556	34,320
Stone, crushed and all other	245,357	619,090
Paving blocks	1,877	10,748
Gravel	395,879	2,052,282
Sand	62,339	122,394
Cement	202,718	587,079
Concrete, ready-mix	62,356	90,711
Bituminous materials (not including oil)	308,221	2,095,886
Calcium chloride, salt and other chemicals	30,631	495,906
Oil, for road construction	26,166	47,919
Borrow pits, earth fill, cinders, etc.	40,466	12,830
Roofing materials	14,508	32,519
All other materials, unable to specify	431,881	1,094,627
 TOTAL COST OF MATERIALS USED	 4,606,012	 12,464,300

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ONTARIO

Table 43. - Principal Statistics of the Construction Industry in Ontario in 1946 and 1947.

	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>1946</u>							
General and Trade Contractors and Subcontractors	9,587	66,570	122,097,093	172,078,524	213,146,673	103,752,935	316,899,608
Municipalities	122	4,856	7,700,613	5,385,057	4,046,027	10,158,431	14,204,458
Provincial Government Departments	3	4,174	6,582,517	5,603,578	3,266,705	9,542,875	12,809,580
The Harbours Board	3	84	148,966	79,146	60,638	173,270	235,908
Dominion Government Departments	9	1,206	2,135,117	1,204,886	192,032	3,277,163	3,469,195
Totals	9,724	76,870	138,684,306	184,351,191	220,712,075	126,904,674	347,618,749
<u>1947</u>							
General and Trade Contractors and Subcontractors	11,073	84,649	170,704,710	238,657,834	379,525,446	80,982,395	460,305,841
Municipalities	149	5,659	9,685,592	7,686,113	8,898,640	10,295,617	18,194,157
Provincial Government Departments	4	4,621	8,598,052	8,044,002	7,905,007	10,075,425	17,960,432
The Harbours Board	3	86	171,425	112,196	147,959	136,508	284,467
Dominion Government Departments	13	1,560	2,518,848	1,798,079	1,599,938	2,285,998	3,885,936
Totals	11,242	96,575	191,476,627	257,098,224	397,874,990	103,775,843	501,650,633

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 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	59,703,516	5,752,252	65,455,768	80,421,861	4,711,424	85,133,285
Dwellings, semi-detached or double ...	2,878,040	415,735	3,293,775	2,627,933	386,772	3,014,705
Duplexes	667,931	448,790	1,116,721	1,065,598	126,037	1,191,635
Apartment houses	1,827,079	1,753,600	3,580,679	5,557,516	318,046	5,755,582
Hotels, clubs, restaurants, etc.	1,486,414	1,917,756	3,404,170	4,954,880	542,470	5,497,350
Churches and church halls	416,992	375,365	792,357	1,626,270	354,240	1,980,510
Hospitals and sanatoria	7,027,624	1,005,945	8,033,569	6,674,614	187,589	8,862,203
Schools, institutions, etc.	4,520,534	2,950,692	7,471,226	11,250,354	568,147	11,818,601
Office buildings	3,648,495	4,438,437	8,086,932	15,088,808	2,000,451	17,089,259
Stores	4,913,833	3,355,153	8,248,986	10,302,410	1,994,662	12,297,072
Theatres and amusement halls	1,712,418	581,098	2,293,516	6,987,284	559,840	7,547,124
Factories, warehouses and storehouses ..	41,536,564	22,136,150	63,672,714	77,826,419	6,855,702	84,682,121
Elevators, grain	156,760	508,037	664,797	3,792,877	362,756	4,155,633
Garages	2,595,007	888,416	3,483,423	5,448,996	1,137,965	6,586,961
Service stations	1,710,210	2,370,420	4,080,630	3,121,547	1,934,214	5,055,781
Mine buildings	934,653	212,054	1,146,707	3,190,174	135,598	3,325,772
Farm buildings	1,013,634	477,881	1,491,515	1,465,623	482,986	1,948,600
Armouries and barracks	99,570	874,758	974,328	99,833	137,329	237,152
Radio stations	77,059	26,883	103,942	113,222	-	113,222
Buildings, unable to specify	136,086	364,952	501,038	751,047	60,926	811,973

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

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 1946 and 1947. - Continued

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Engineering Construction						
Bard surfaced or paved streets, highways, etc.	10,345,096	6,853,092	17,198,188	18,256,275	7,547,818	25,804,093
Gravel or stone surfaced streets, highways, etc.	5,662,459	7,848,408	13,510,867	10,741,302	6,383,615	17,124,917
Dirt or clay roads	775,780	265,553	1,041,333	2,733,289	364,195	3,097,484
Grading, scraping, oiling, filling, etc.	2,860,157	2,433,271	5,293,428	5,498,868	2,452,258	7,951,126
Sidewalks	815,114	455,502	1,270,616	863,609	403,098	1,266,707
Roadside maintenance and area improvement	12,967	1,832,542	1,845,509	254,621	2,116,860	2,371,481
Bridges, viaducts, all types	1,055,448	1,361,244	2,416,692	2,641,549	926,113	3,567,662
Subways, overhead crossings, etc.	42,619	86,117	128,736	-	147,053	147,053
Culverts	991,728	360,121	1,351,849	1,101,074	405,596	1,510,670
Water mains and connections	4,032,599	946,073	4,978,672	5,363,906	1,473,085	6,836,991
Sewers and connections	3,400,924	594,422	3,995,346	6,471,419	461,675	6,933,094
Storm sewers	976,153	71,957	1,048,110	1,062,935	111,965	1,174,900
Tile drains, drainage ditches and open sewers	393,943	327,694	721,637	523,939	219,341	743,280
Dams and reservoirs	216,533	294,590	511,123	570,109	187,175	757,284
Street lighting	-	-	-	43,750	86,233	129,983
Fencing (excluding temporary snow fencing)	303,576	46,282	349,858	634,732	60,968	695,700
Guard rails	14,433	152,600	177,033	9,642	241,901	251,543
Signs	10,138	297,725	307,863	21,572	312,125	333,697
Zone painting	-	77,139	77,139	2,811	147,714	150,525
Electric stations, power plants, etc.	13,685,641	4,718,409	18,404,050	38,800,019	5,710,676	44,510,695
Transmission lines and towers	6,559,318	546,385	7,085,883	7,562,075	1,771,178	9,333,253
Railway (steam) construction work	183,620	93,949	277,569	359,950	11,220	371,170
Railway (electric) construction work	-	-	-	1,136,196	1,398,941	2,535,137
Aerodromes or landing fields	811,662	164,173	975,835	1,063,268	15,053	1,078,321
Park systems, (including grounds and walks)	-	1,682,855	1,682,855	465,669	2,071,868	2,537,537
Underground conduits	793,634	-	973,634	1,387,604	-	1,387,604
Installation of machinery	1,102,911	215,000	1,317,911	-	-	-
Telephone and telegraph lines	-	-	-	-	28,153	28,153
Gas mains and connections	-	19,964	19,964	553,871	200,130	754,001
Engineering, unable to specify	700,119	733,455	1,433,574	1,378,402	449,336	1,827,738
Harbours, Rivers, etc.						
Docks, wharves, piers and breakwaters ...	1,532,398	504,445	2,036,843	2,139,551	103,914	2,243,465
Retaining walls, embankments and ripraping	195,093	80,878	275,971	401,408	15,425	416,833
Canals and waterways	-	273,386	273,386	106,499	167,643	274,142
Dredging	727,220	241,603	968,823	1,112,446	266,163	1,378,509
Pile driving	169,346	71,313	240,659	276,327	18,382	294,709
Works, unable to specify	1,135,919	-	1,135,919	2,197	1,067	3,264
Trade Construction						
Air conditioning	552,644	339,594	892,238	1,289,056	426,638	1,715,694
Bricklaying	671,881	638,645	1,310,526	920,461	484,465	1,404,926
Carpentry work	713,794	2,445,318	3,159,112	1,844,976	3,535,011	5,379,987
Commercial refrigeration	702,547	457,911	1,180,458	1,128,585	358,422	1,487,007
Concreting and cement work	1,131,451	710,646	1,842,097	1,664,200	987,045	2,651,245
Electrical work	3,160,573	5,905,889	9,066,462	6,092,162	5,447,631	11,539,793
Elevators, service	1,182,081	1,187,965	2,370,046	1,842,986	1,152,082	2,995,068
Excavating	632,705	49,006	681,711	762,017	80,854	842,871
Flooring	258,621	377,687	636,308	510,795	1,042,291	1,553,086
Glass and glazing	169,824	438,030	607,854	1,213,793	187,341	1,401,134
Lathing, plastering and stucco	500,001	647,103	1,147,104	1,192,882	766,081	1,958,963
Masonry and stone work	420,383	114,510	534,893	499,348	126,446	625,794
Ornamental iron work	145,916	80,056	225,972	74,405	274,464	348,869
Painting and decorating	940,127	7,445,512	8,385,639	1,575,388	7,754,595	9,329,983

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

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 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - Concluded	\$	\$	\$	\$	\$	\$
Plumbing, heating and sanitary engineering .	7,537,697	13,306,357	20,844,054	10,026,019	12,956,362	22,982,381
Roofing, sheet metal	390,207	873,189	1,263,396	615,470	916,800	1,552,270
Roofing, all other	758,768	2,001,843	2,760,611	843,216	2,530,838	3,374,054
Sheet metal work, other than roofing	881,420	1,967,161	2,848,581	1,599,610	1,840,502	3,440,112
Sprinkler installation	331,576	97,500	429,076	506,343	159,328	665,671
Structural steel work	1,337,449	85,752	1,423,201	4,167,922	16,686	4,184,608
Tiling, marble and terrazzo	495,667	327,330	822,997	843,050	439,353	1,282,403
Weatherstripping and insulation	1,243,867	1,778,544	3,022,411	753,563	1,856,720	2,610,283
Wrecking and demolition	-	953,798	953,798	-	1,270,494	1,270,494
Trades, unable to specify	3,909	180,827	184,736	593	26,303	26,303
TOTAL VALUE OF WORK PERFORMED	220,712,075	126,904,674	347,616,749	397,874,990	103,775,843	501,650,833

Table 45. - Description, Classification and Value of Work Performed in Ontario by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	959,146	378,150	1,337,296	2,329,725	713,000	3,042,725
Bricklaying	1,446,318	377,000	1,823,318	1,861,471	117,571	1,969,042
Carpentry work	662,555	244,057	906,612	800,133	321,658	1,121,791
Commercial refrigeration	-	-	-	81,129	21,104	102,233
Concreting and cement work	1,128,874	388,322	1,517,196	2,029,613	263,689	2,293,502
Electrical work	5,273,654	1,408,619	6,682,273	10,378,257	1,849,961	12,228,218
Elevators, service	180,216	-	180,216	696,403	41,787	738,190
Excavating	1,229,291	175,063	1,404,354	1,442,039	184,738	1,626,777
Flooring	525,999	259,099	785,098	899,108	298,945	1,198,053
Glass and glazing	794,509	414,707	1,209,216	942,567	256,888	1,199,455
Lathing, plastering and stucco	2,909,671	552,108	3,461,779	5,116,905	426,667	5,543,572
Masonry and stone work	324,902	27,577	352,479	486,736	32,810	519,546
Ornamental iron work	251,193	84,720	335,913	465,380	284,568	747,948
Painting and decorating	1,834,636	1,219,780	3,054,616	2,886,516	1,307,876	4,194,192
Plumbing, heating and sanitary engineering ...	11,193,546	3,001,850	14,195,396	22,383,778	2,921,724	25,305,502
Roofing, sheet metal	860,605	463,964	1,324,569	914,977	230,850	1,145,827
Roofing, all other	1,275,804	467,495	1,743,299	1,241,901	575,012	1,816,913
Sheet metal work, other than roofing	875,255	446,434	1,321,689	1,968,483	738,689	2,707,172
Sprinkler installation	618,657	58,460	677,117	885,766	58,234	943,999
Street and highway work	821,980	245,455	1,067,435	88,401	-	88,401
Structural steel work	12,319,866	48,661	12,368,527	13,006,882	55,325	13,062,207
Tiling, marble and terrazzo	1,873,755	628,623	2,502,378	3,089,321	446,317	3,555,638
Weatherstripping and insulation	762,828	355,802	1,118,630	886,993	607,490	1,494,483
Wrecking and demolition	-	47,323	47,323	-	128,369	128,369
Open sewers or drains	35,388	5,475	40,863	-	-	-
Work, unable to specify	606,993	42,783	649,776	748,061	74,158	822,219
TOTAL VALUE OF WORK PERFORMED	48,765,841	11,341,527	60,107,368	75,618,344	11,957,430	67,575,774

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ONTARIO

Table 46. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Building Construction						
Dwellings, single	59,681,382	5,705,891	65,387,073	79,625,071	3,981,831	83,606,902
Dwellings, semi-detached or double	2,878,040	415,735	3,293,775	2,627,933	386,772	3,014,705
Duplexes	667,931	448,790	1,116,721	1,065,598	126,037	1,191,635
Apartment houses	1,827,079	1,198,800	3,025,879	4,961,398	318,046	5,279,444
Hotels, clubs, restaurants, etc.	1,467,642	1,891,691	3,359,333	4,923,089	508,769	5,431,878
Churches and church halls	416,992	375,365	792,357	1,626,270	354,240	1,980,510
Hospitals and sanatoria	6,995,701	882,967	7,878,668	8,229,527	116,701	8,346,228
Schools, institutions, etc.	4,237,675	2,824,183	7,061,858	11,205,544	532,443	11,735,987
Office buildings	3,610,518	3,244,741	6,856,259	14,411,859	1,038,742	15,450,601
Stores	4,913,833	3,335,155	8,248,988	10,292,569	1,993,909	12,286,478
Theatres and amusement halls	1,712,418	484,395	2,196,813	6,976,900	548,615	7,525,515
Factories, warehouses and storehouses	41,501,458	21,877,931	63,179,389	77,209,074	6,727,519	83,336,593
Elevators, grain	155,941	465,749	621,690	3,789,781	283,553	4,073,334
Garages	2,570,424	754,414	3,324,838	5,191,669	1,009,196	6,200,865
Service stations	1,710,210	2,370,420	4,080,630	3,121,547	1,934,214	5,055,761
Mine buildings	934,653	212,054	1,146,707	3,190,174	135,598	3,325,772
Farm buildings	1,006,651	476,091	1,481,742	1,018,056	411,545	1,427,601
Radio stations	74,695	25,271	99,966	113,222	-	113,222
Buildings, unable to specify	69,170	106,229	175,399	726,861	17,230	744,091
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	8,002,422	2,399,971	10,402,393	13,990,472	2,620,967	16,611,439
Gravel or stone surfaced streets, highways, etc.	4,890,845	3,222,539	8,113,384	8,622,201	1,698,762	10,320,963
Dirt or clay roads	761,803	85,180	846,983	2,696,181	122,024	2,818,205
Grading, scraping, oiling, filling, etc.	2,577,029	839,199	3,416,228	3,648,431	845,877	4,494,306
Sidewalks	595,453	35,617	631,070	471,246	28,710	499,956
Bridges, viaducts, all types	760,549	823,415	1,583,964	1,866,538	419,529	2,286,067
Subways, overhead crossings, etc.	40,928	-	40,928	-	-	-
Culverts	677,264	3,501	680,765	469,544	8,064	477,608
Watermains and connections	5,180,467	86,857	3,267,124	4,332,866	644,866	4,977,722
Sewers and connections	2,480,673	261,219	2,721,892	5,277,779	118,594	5,397,373
Storm sewers	828,173	-	826,173	953,416	8,218	961,634
Open sewers or drains	364,715	112,741	477,456	381,006	29,941	410,947
Dams and reservoirs	65,354	182,023	247,377	407,015	134,005	541,020
Electric stations, power plants, etc.	13,685,641	4,699,209	18,384,850	38,711,935	5,649,639	44,361,574
Transmission lines and towers	6,371,423	186,168	6,557,591	7,536,875	1,699,089	8,235,964
Railway (steam) construction work	165,272	33,404	198,676	359,950	11,220	371,170
Railway (electric) construction work	-	-	-	1,136,196	1,398,941	2,635,137
Aerodromes or landing fields	811,662	140,409	952,071	1,061,322	8,459	1,069,781
Underground conduits	793,634	-	793,634	1,387,604	-	1,387,604
Telephone and telegraph lines	-	-	-	-	-	-
Gas mains and connections	-	-	-	553,871	200,130	754,001
Fencing, excluding temporary snow fencing	-	-	-	226,541	-	226,541
Installation of machinery	1,102,911	215,000	1,317,911	-	-	-
Engineering, unable to specify	723,886	537,325	1,261,211	1,357,911	88,987	1,446,878
Harbours, Rivers, etc.						
Docks, wharves, piers and breakwaters	1,510,293	321,592	1,831,885	1,942,653	26,573	1,968,226
Retaining walls, embankments and riprapping	180,572	-	180,572	330,580	2,395	332,975
Dredging	894,922	155,155	850,057	1,038,882	142,342	1,181,224
Pile driving	169,346	71,315	240,659	276,327	18,382	294,709
Works, unable to specify	1,155,919	38,855	1,174,774	36,320	1,067	37,387

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ONTARIO

Table 46. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors) in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction	\$	\$	\$	\$	\$	\$
Air conditioning	552,644	339,594	892,238	1,289,066	428,638	1,715,694
Bricklaying	671,881	638,645	1,310,528	920,461	484,465	1,404,926
Carpentry work	713,794	2,445,318	3,159,112	1,844,976	5,535,011	5,379,967
Commercial refrigeration	702,547	457,911	1,160,458	1,128,585	358,422	1,487,007
Concreting and cement work	1,131,451	710,646	1,842,097	1,664,200	987,045	2,651,245
Electrical work	5,180,573	5,905,889	9,066,462	6,092,162	5,447,631	11,539,793
Elevators, service	1,182,681	1,187,965	2,370,046	1,842,986	1,152,082	2,995,068
Excavating	632,705	46,826	679,531	742,829	74,756	817,585
Flooring	258,621	377,687	636,308	510,795	1,042,291	1,553,086
Glass and glazing	169,824	438,030	607,854	1,213,793	187,341	1,401,134
Lathing, plastering and stucco	500,001	647,103	1,147,104	1,192,882	766,081	1,958,963
Masonry and stone work	420,383	114,510	534,895	499,343	128,446	625,794
Ornamental iron work	145,916	80,056	225,972	74,405	274,464	348,869
Painting and decorating	940,127	7,445,512	8,385,639	1,575,388	7,754,595	9,329,985
Plumbing, heating and sanitary engineering	7,537,697	13,306,357	20,844,054	10,026,019	12,956,362	22,982,361
Roofing, sheet metal	390,207	873,189	1,263,396	615,470	918,800	1,532,270
Roofing, all other	755,768	2,001,843	2,760,611	843,216	2,580,858	3,374,054
Sheet metal work, other than roofing	881,420	1,967,161	2,848,581	1,599,610	1,840,502	3,440,112
Sprinkler installation	331,576	97,500	429,078	506,343	159,328	665,671
Structural steel work	1,337,449	85,752	1,423,201	4,167,922	16,686	4,184,808
Tiling, marble and terrazzo	495,667	327,350	822,997	843,050	439,553	1,282,403
Weatherstripping and insulation	1,243,867	1,778,544	3,022,411	753,563	1,856,720	2,610,283
Wrecking and demolition	-	953,798	953,798	-	1,270,494	1,270,494
Trades, unable to specify	3,909	180,827	184,736	593	26,303	26,896
TOTAL VALUE OF WORK PERFORMED	213,146,673	103,752,935	316,899,608	379,323,446	80,982,395	460,305,841

Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings	\$	\$	\$	\$	\$	\$
Apartment houses	22,134	46,561	68,696	796,790	729,593	1,526,383
Office buildings	-	555,000	555,000	596,118	-	596,118
Factories, warehouses and storehouses	37,977	1,193,696	1,213,673	676,949	961,709	1,638,658
Garages	35,106	458,219	493,325	617,345	128,183	745,528
Elevators, grain	24,583	134,002	158,885	257,327	128,769	386,096
Schools, institutions, etc.	819	42,288	43,107	3,096	79,203	82,299
Hospitals and sanatoria	282,861	126,509	409,370	46,810	35,704	82,514
Hotels, clubs, restaurants, etc.	31,923	122,978	154,901	445,087	70,888	515,975
Churches and church halls	18,772	26,065	44,837	31,791	33,681	65,472
Stores	-	-	-	-	-	-
Theatres and amusement halls	-	98,703	96,703	10,384	11,225	21,609
Farm buildings	6,983	2,790	9,773	449,567	71,441	521,008
Radio stations	2,364	1,612	3,976	-	-	-
Armouries and barracks	80,043	874,215	954,258	82,129	135,747	217,876
All other buildings and structures	86,443	259,266	345,709	41,890	45,278	87,168

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ONTARIO

Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Hard surfaced or paved streets, highways, etc.	2,342,674	4,453,121	6,795,795	4,265,803	4,926,851	9,192,654
Gravel or stone surfaced streets, highways, etc.	771,614	4,625,869	5,397,483	2,119,101	4,684,853	6,803,954
Dirt or clay roads	13,977	180,373	194,350	37,108	242,171	279,279
Grading, scraping, oiling, filling, etc.	283,128	1,594,072	1,877,200	1,850,437	1,606,381	3,456,818
Sidewalks	219,661	419,885	639,546	392,363	374,388	766,751
Roadside maintenance and area improvement ...	12,967	1,832,542	1,845,509	254,621	2,116,860	2,371,481
Bridges, viaducts, all types	294,899	537,829	832,728	775,011	506,584	1,281,595
Subways, overhead crossings, etc.	1,695	83,585	85,278	10,622	147,053	157,675
Culverts	314,464	356,620	671,084	651,530	401,532	1,033,062
Storm sewers	147,980	43,193	191,173	109,519	103,747	213,266
Tile drains, drainage ditches and open sewers	29,228	214,953	244,181	142,933	189,400	332,333
Fencing (excluding temporary snow fencing) ...	209,307	37,124	246,431	408,191	50,091	458,282
Guard rails	14,433	162,600	177,033	9,642	241,901	251,543
Signs	10,138	297,725	307,863	21,572	312,125	333,897
Zone painting	-	77,139	77,139	2,811	147,714	150,525
Watertanks and connections	852,132	859,416	1,711,548	1,031,050	826,219	1,859,269
Street lighting	-	-	-	43,750	86,233	129,983
Reservoirs	106,422	6,955	113,377	60,668	5,188	65,856
Sewers and connections	940,251	333,203	1,273,454	1,193,640	342,081	1,535,721
Electric stations, power plants, etc.	-	19,200	19,200	88,084	61,037	149,121
Pole or distribution lines, electric	167,895	360,197	528,092	25,200	72,089	97,289
Docks, wharves, piers, breakwaters	22,105	182,853	204,958	196,898	78,341	275,239
Retaining walls and riprappling	14,521	55,795	70,316	70,828	13,030	83,858
Canal reaches	-	25,985	25,985	11,121	15,775	28,896
Canal locks	-	148,542	148,542	27,804	112,519	140,323
Canal gates	-	85,087	85,087	33,451	39,349	72,800
Water control or dams	44,757	105,612	150,369	102,426	47,982	150,408
Aerodromes or landing fields	-	23,764	23,764	1,946	6,594	8,540
Dredging	32,298	86,468	118,766	73,564	123,821	197,385
Excavating	-	2,180	2,180	19,188	6,098	25,286
Park systems (including grounds and walks) ...	49,213	1,638,061	1,687,274	347,798	2,031,317	2,379,115
Railway (steam) construction work	18,348	60,545	78,893	-	-	-
Telephone and telegraph lines	-	16,158	16,158	26,375	12,158	37,528
Gas mains and connections	3,779	19,964	23,743	-	-	-
Work, unable to specify	17,510	265,220	282,730	102,365	427,797	530,162
TOTAL VALUE OF WORK PERFORMED	7,565,402	23,151,739	30,717,141	18,551,544	22,793,448	41,344,992

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ONTARIO

Table 48. - Cost of Materials Used in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946	1947
	Cost	Value
Lumber and timber, rough and dressed	769,376	974,085
Lumber and timber, creosoted or chemically treated	217,813	341,583
Piling, wood (including treated piling)	7,719	188,666
Piling, steel	45	12,279
Piling, other	2,172	34,569
Posts, wood	73,624	95,053
Posts, steel	58,002	87,757
Posts, other	3,958	188,305
Iron and steel shapes	115,000	205,210
Iron and steel forms	16,643	24,897
Iron and steel reinforcing	120,698	109,942
Hydrants	61,719	73,506
Manhole covers and frames	167,865	118,145
Pipe, metal	484,648	635,224
Pipe, concrete	256,085	409,507
Pipe, vitrified clay, etc.	134,177	225,325
Culverts	308,857	520,267
Rope or cable, wire	50,123	32,475
Rope, other	3,371	4,069
Wire netting or mesh	6,039	8,581
Electric light standards	4,140	43,858
Electrical supplies	502,916	512,231
Plumbing and shop supplies	203,604	317,782
Lead and lead pipe	36,480	39,124
Pipe fittings	89,430	148,229
Valves	68,093	79,101
Hardware	319,488	529,623
Paint and painters' supplies	328,720	363,426
Explosives	15,735	30,561
Fencing materials (not to include posts)	84,793	275,617
Guard rail materials (not to include posts)	7,710	14,335
Signs, metal	38,978	65,725
Brick	36,510	86,945
Stone, crushed and all other	1,104,352	1,368,388
Paving blocks	4,676	112,406
Gravel	821,459	1,109,245
Sand	186,441	145,006
Cement	546,173	875,897
Concrete, ready-mix	59,735	143,883
Bituminous materials (not including oil)	2,893,793	3,356,188
Calcium chloride, salt and other chemicals	440,851	831,320
Oil, for road construction	235,150	518,293
Borrow pits, earth fill, cinders, etc.	82,969	146,339
Roofing materials	65,970	115,263
All other materials (unable to classify)	1,236,567	2,922,582
TOTAL COST OF MATERIALS USED	12,272,667	18,440,390

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

MANITOBA

Table 49. - Principal Statistics of the Construction Industry in Manitoba in 1946 and 1947.

	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
1946	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors	1,273	7,388	13,006,083	22,123,020	26,094,206	12,351,914	38,446,120
Municipalities	24	509	872,171	603,174	1,034,511	654,242	1,688,753
The Harbours Board, Provincial and Dominion Government Departments	13	971	1,560,675	800,260	1,068,142	2,259,485	3,327,627
Totals	1,310	8,868	15,428,929	23,526,454	28,196,859	15,266,641	43,462,500
1947							
General and Trade Contractors and Subcontractors	1,402	8,977	17,552,786	30,782,411	45,022,248	8,304,733	53,326,981
Municipalities	24	628	980,536	780,365	1,543,677	876,780	2,420,457
The Harbours Board, Provincial and Dominion Government Departments	16	1,570	2,185,178	1,833,818	3,205,531	2,301,291	5,506,822
Totals	1,442	11,175	20,718,499	33,396,594	49,771,456	11,482,804	61,254,260

Table 50. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	11,636,530	698,577	12,335,107	15,546,897	515,753	16,062,450
Dwellings, semi-detached or double	377,617	46,296	423,913	170,361	-	170,361
Duplexes	250,576	60,169	310,745	271,018	-	271,018
Apartment houses	241,081	218,928	459,909	540,981	25,568	566,549
Hotels, clubs, restaurants, etc.	96,457	186,312	282,769	769,835	52,757	822,592
Churches and church halls	203,315	22,282	225,597	250,584	16,020	266,604
Hospitals and sanatoria	722,951	206,578	931,529	1,142,112	44,639	1,186,751
Schools, institutions, etc.	75,225	235,272	310,497	1,433,737	93,155	1,526,892
Office buildings	373,706	884,809	1,258,615	854,546	344,528	1,199,074
Stores	653,539	1,151,087	1,804,626	1,527,497	-	1,527,497
Theatres and amusement halls	33,943	19,365	53,308	192,063	9,711	201,774
Factories, warehouses and storehouses	1,463,507	1,552,380	3,016,887	4,546,393	469,871	5,016,264
Elevators, grain	416,861	1,064,642	1,461,503	901,116	519,560	1,420,676
Garages	501,295	52,436	553,731	913,957	26,232	939,189
Service stations	48,005	139,299	187,304	272,853	72,762	346,615
Mine buildings	178,530	-	178,530	-	-	-
Farm buildings	104,379	44,528	148,907	98,949	70,408	169,357
Aeroplane hangars	-	-	-	12,718	-	12,718
Armouries and barracks	156,397	198,569	354,966	23,058	22,613	45,671
Buildings, unable to specify	19,718	249,019	268,737	246,439	1,118,873	1,365,312
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	752,163	414,908	1,177,071	2,069,950	492,039	2,561,989
Gravel or stone surfaced streets, highways, etc.	324,140	663,593	987,733	803,855	654,659	1,458,514

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

MANITOBA

Table 60. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, the Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947 - Concluded.

	1946			1947		
	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	230,791	295,684	526,475	294,055	146,220	440,275
Grading, scraping, oiling, filling, etc. .	360,379	358,993	732,372	1,072,682	381,312	1,453,974
Roadside maintenance and area improvement.	36,193	142,737	178,930	189,563	145,224	334,787
Sidewalks	104,195	57,492	161,687	212,114	44,393	266,507
Bridges, viaducts, all types	448,397	122,146	570,543	655,993	164,978	810,971
Subways, overhead crossings, etc.	5,079	67,949	73,028	-	5,612	5,612
Culverts	93,478	86,869	182,347	297,413	66,697	364,110
Watermains and connections	391,901	57,883	449,784	455,643	148,565	604,198
Sewers and connections	424,506	40,626	465,132	1,070,999	154,832	1,225,631
Storm sewers	-	2,183	2,183	2,333	2,624	4,957
Tile drains, drainage ditches and open sewers	413,850	204,706	618,556	207,898	66,474	274,372
Dams and reservoirs	233,967	92,357	326,324	507,026	-	507,026
Street Lighting	-	-	-	2,997	400	3,397
Fencing (excluding temporary snow fencing)	29,510	20,184	49,694	58,383	1,884	60,267
Guard rails	140	22,903	23,043	1,580	16,354	17,934
Signs	3,333	33,546	36,879	387	27,826	28,212
Zone painting	-	11,346	11,346	-	23,134	23,134
Electric stations, power plants, etc.	-	-	-	5,664,535	610,871	6,275,406
Aerodromes or landing fields	-	39,248	39,248	-	-	-
Park systems, including grounds and walks.	2,500	17,471	19,971	36,924	19,861	56,776
Telephone and telegraph lines	3,700	800	4,300	-	2,239	2,239
Engineering, unable to specify	3,509,859	1,626,109	5,135,968	1,772,997	365,648	2,138,645
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	-	43,583	43,583	255,243	15,587	270,830
Retaining walls, embankments and ripraping	-	4,607	4,607	18,500	599	19,099
Canals and waterways	-	-	-	-	11,784	11,784
Dredging	67,403	141,387	208,790	56,272	115,650	173,922
Works, unable to specify	67,341	44,064	111,405	14,542	-	14,542
<u>Trade Construction</u>						
Air conditioning	66,650	17,555	84,205	52,944	30,161	83,095
Bricklaying	23,809	6,592	30,401	-	44,112	44,112
Carpentry work	98,162	203,444	301,606	138,207	269,805	408,012
Commercial refrigeration	-	2,614	2,614	-	10,731	10,731
Concrete and cement work	140,063	66,970	207,033	117,986	73,132	191,117
Electrical work	381,658	643,889	1,025,547	740,114	807,882	1,547,996
Elevators, service	-	146,375	146,375	-	-	-
Excavating	215,289	7,321	222,610	145,748	16,513	162,262
Flooring	-	44,597	44,597	18,706	49,234	67,940
Glass and glazing	-	73,633	73,633	-	30,912	30,912
Lathing, plastering and stucco.....	109,657	26,426	136,083	135,067	-	135,067
Painting and decorating	134,886	831,995	966,881	171,026	682,991	854,016
Plumbing, heating and sanitary engineering	686,253	985,467	1,671,720	1,375,534	1,487,092	2,862,426
Roofing, sheet metal	-	20,176	20,176	70,665	34,633	105,298
Roofing, all other	165,093	113,231	268,324	86,847	151,078	237,725
Sheet metal work, other than roofing	126,636	176,826	303,462	106,112	144,570	250,682
Sprinkler installation	-	5,403	5,403	-	20,111	20,111
Tiling, marble and terrazzo	-	-	-	-	19,162	19,162
Weatherstripping and insulation	251,507	60,813	312,320	-	71,617	71,617
Wrecking and demolition	-	-	-	-	207,640	207,640
Trades, unable to specify	720,739	184,692	905,431	1,174,123	254,743	1,428,866
TOTAL VALUE OF WORK PERFORMED	28,196,859	15,265,841	43,462,600	49,771,456	11,482,804	61,254,260

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

MANITOBA

Table 51. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations, Maintenance and Repairs	Total Value	New Construction	Alterations, Maintenance and Repairs	Total Value
Building Construction						
Dwellings, single	11,602,254	694,753	12,297,007	14,894,684	443,495	15,338,179
Dwellings, semi-detached or double ..	377,617	46,296	423,913	170,361	-	170,361
Duplexes	250,576	60,169	310,745	271,018	-	271,018
Apartment houses	241,081	218,828	459,909	540,981	25,568	566,549
Hotels, clubs, restaurants, etc.	96,457	186,312	282,769	769,835	52,757	822,592
Churches and church halls	203,315	22,282	225,597	250,584	16,020	266,604
Hospitals and sanatoria	722,951	175,064	898,015	1,142,112	-	1,142,112
Schools, institutions, etc.	75,225	212,917	288,142	1,433,737	48,783	1,482,520
Office buildings	366,812	796,394	1,165,206	836,440	91,952	928,392
Stores	653,539	1,151,087	1,804,626	1,527,497	-	1,527,497
Theatres and amusement halls	33,943	18,191	52,134	192,063	9,711	201,774
Factories, warehouses and storehouses	1,447,077	3,547,035	2,994,112	4,544,693	462,942	5,007,635
Elevators, grain	416,861	1,054,087	1,470,948	901,116	505,679	1,406,795
Garages	498,630	47,241	545,871	913,575	22,522	936,097
Service stations	48,005	139,299	187,304	272,853	72,762	345,615
Mine buildings	178,530	-	178,530	-	-	-
Farm buildings	93,920	43,738	137,658	93,404	32,515	125,919
Buildings, unable to specify	19,718	247,003	266,721	229,905	1,128,796	1,358,701
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	148,915	-	148,915	1,020,485	-	1,020,485
Gravel or stone surfaced streets, highways, etc.	207,512	-	207,512	340,765	-	340,765
Dirt or clay roads	-	-	-	258,013	-	258,013
Grading, scraping, oiling, filling, etc.	218,259	44,773	263,032	472,515	-	472,515
Sidewalks	29,239	-	29,239	88,858	-	88,858
Watermains and connections	162,696	5,663	168,359	131,397	4,290	135,687
Sewers and connections	329,567	10,964	340,531	834,996	7,913	842,909
Open sewers or drains	300,882	-	300,882	-	-	-
Dams and reservoirs	166,042	-	166,042	-	-	-
Electric stations, power plants, etc..	-	-	-	5,664,535	610,871	6,275,406
Aerodromes or landing fields	-	32,243	32,243	-	-	-
Engineering, unable to specify	4,000,192	1,882,534	5,882,726	2,627,704	358,748	2,986,452
Harbours, Rivers, etc.						
Works, unable to specify	108,164	95,022	203,186	271,555	3,300	274,855
Trade Construction						
Air conditioning	66,650	17,555	84,205	52,944	30,151	83,099
Bricklaying	23,809	6,592	30,401	-	44,112	44,112
Carpentry work	98,162	203,444	301,606	138,207	269,805	408,012
Commercial refrigeration	-	2,614	2,614	-	10,731	10,731
Concreting and cement work	140,063	66,970	207,033	117,985	73,132	191,117
Electrical work	381,658	643,889	1,025,547	740,114	807,882	1,547,996
Elevators, service	-	146,375	146,375	-	-	-
Excavating	201,114	7,321	208,436	139,638	16,513	156,151
Flooring	-	44,597	44,597	18,706	49,234	67,940
Lathing, plastering and stucco	109,667	26,426	136,083	135,067	-	135,067
Glass and glazing	-	73,633	73,633	-	30,912	30,912
Painting and decorating	134,886	831,995	966,881	171,025	682,991	854,016
Plumbing, heating and sanitary engineering	686,253	985,467	1,671,720	1,375,334	1,487,092	2,862,426
Roofing, sheet metal	-	20,176	20,176	70,665	34,633	105,298
Roofing, all other	155,093	113,231	268,324	86,647	151,078	237,725
Sheet metal work, other than roofing..	126,636	178,826	303,462	106,112	144,570	250,682
Sprinkler installation	-	5,403	5,403	-	20,111	20,111
Tiling, marble and terrazzo	-	-	-	-	19,162	19,162
Weatherstripping and insulation	251,507	60,813	312,320	-	71,617	71,613
Wrecking and demolition	-	-	-	-	207,640	207,640
Trades, unable to specify	720,739	184,692	905,431	1,174,123	254,743	1,428,868
TOTAL VALUE OF WORK PERFORMED	26,094,206	12,351,914	38,446,120	45,022,248	8,304,733	53,326,981

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

MANITOBA

Table 52. - Description, Classification and Value of Work Performed in Manitoba by Municipalities,
The Harbours Board, Provincial and Dominion Government Departments in 1946
and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings single	34,276	3,824	38,100	652,013	72,258	724,271
Office buildings	6,894	86,415	93,309	18,106	252,576	270,682
Factories, warehouses and storehouses	16,480	5,345	21,775	1,700	6,929	8,629
Garages	2,665	5,195	7,860	382	2,710	3,092
Elevators, grain	-	10,555	10,555	-	13,881	13,881
Farm buildings	10,459	790	11,249	5,545	37,893	43,438
Schools, institutions, etc.	-	22,355	22,355	-	44,372	44,372
Hospitals and sanatoria	-	33,514	33,514	-	29,958	29,958
Armouries and barracks	156,397	198,669	354,966	23,058	22,613	45,671
Aeroplane hangars	-	-	-	12,718	-	12,718
Theatres and amusement halls	-	1,174	1,174	-	-	-
All other buildings and structures	-	2,016	2,016	16,534	4,758	21,292
Hard surfaced or paved streets, highways, etc.	613,248	414,908	1,028,156	1,049,465	491,914	1,541,379
Gravel or stone surfaced streets, highways etc.	116,628	548,603	665,231	463,090	627,057	1,090,147
Dirt or clay roads	66,386	256,990	323,376	36,042	141,526	177,568
Grading, scraping, oiling, filling, etc.	162,120	313,663	475,783	600,147	382,696	962,843
Sidewalks	74,956	57,442	132,398	123,266	44,333	167,589
Roadside maintenance and area improvement ...	36,193	142,737	178,930	189,553	145,224	334,787
Bridges, viaducts, all types	123,942	84,606	208,548	345,491	154,759	500,250
Subways, overhead crossings, etc.	5,079	67,949	73,028	-	5,612	5,612
Culverts	60,504	73,593	134,097	192,852	66,697	259,549
Storm sewers	245	2,183	2,428	2,333	2,624	4,957
Tile drains, drainage ditches and open sewers	112,968	193,953	306,921	102,319	66,474	188,793
Fencing (excluding temporary snow fencing) ..	28,505	20,184	48,689	58,383	1,884	60,267
Guard rails	140	22,903	23,043	1,580	16,354	17,934
Signs	3,333	33,546	36,879	387	27,825	28,212
Zone painting	-	11,346	11,346	-	23,134	23,134
Watermains and connections	229,205	52,220	281,425	324,246	144,265	468,511
Sewers and connections	94,939	17,670	112,609	236,003	146,719	382,822
Pole or distribution lines, electric	1,589	7,815	9,402	65,288	4,248	69,536
Docks, wharves, piers, breakwaters	2,140	42,583	45,723	25,752	12,287	38,039
Retaining walls and ripraping	-	4,607	4,607	16,831	599	17,430
Canal locks	-	-	-	-	10,608	10,608
Canal gates	-	-	-	-	1,176	1,176
Water control or dams	50,625	24,157	74,782	65,282	37,564	102,946
Aerodromes or landing fields	-	7,005	7,005	2,695	-	2,695
Dredging	24,440	90,429	114,869	32,419	115,650	148,069
Excavating	14,175	-	14,175	6,111	-	6,111
Park systems (including grounds and walks) ..	2,500	17,471	19,971	36,924	19,851	56,775
Dams and reservoirs	17,300	16,303	33,603	8,232	410	8,642
Street lighting	-	-	-	2,997	-	2,997
Railway (steam) construction work	-	3,076	3,076	-	-	-
Telephone and telegraph lines	3,700	600	4,300	6,287	2,239	8,526
Works, unable to specify	30,672	14,435	45,107	25,177	15,894	41,071
TOTAL VALUE OF WORK PERFORMED	2,102,653	2,913,727	5,016,380	4,749,208	3,178,071	7,927,279

Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors
in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	146,915	6,579	152,494	160,114	29,942	190,056
Bricklaying	15,544	1,581	17,125	35,405	4,220	39,625
Carpentry work	107,207	8,409	115,616	124,098	16,285	140,383
Concreting and cement work	137,722	6,726	144,448	259,796	-	259,796
Electrical work	573,809	582,798	1,156,607	1,197,553	428,040	1,625,573
Excavating	-	-	-	51,621	-	51,621
Flooring	-	-	-	19,553	-	19,553
Glass and glazing	36,487	25,974	62,461	-	13,999	13,999

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

MANITOBA

Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Lathing, plastering and stucco	266,485	113,169	379,654	611,733	78,735	690,468
Painting and decorating	316,264	130,171	446,435	740,771	151,610	892,381
Plumbing, heating and sanitary engineering	1,546,282	283,840	1,830,102	2,911,431	516,067	3,427,498
Roofing, sheet metal	74,940	-	74,940	163,222	17,302	180,524
Roofing, all other	418,844	18,688	437,532	443,782	136,916	580,693
Sheet metal work, other than roofing	393,742	80,540	474,282	679,901	63,679	743,580
Tiling, marble and terrazzo	88,908	55,798	144,706	67,583	52,840	120,423
Weatherstripping and insulation	-	63,705	63,705	59,488	76,328	135,816
Wrecking and demolition	-	-	-	-	4,110	4,110
Work, unable to specify	3,147,455	100,099	3,247,554	2,279,752	175,246	2,454,998
TOTAL VALUE OF WORK PERFORMED	7,269,584	1,478,077	8,747,661	9,805,783	1,765,319	11,571,102

Table 54. - Cost of Materials Used in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946		1947	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed	154,142	320,024		
Lumber and timber, creosoted or chemically treated	22,623	42,076		
Piling, wood (including treated piling)	7,220	10,373		
Piling, steel	195	5,982		
Piling, other	1,094	797		
Posts, wood	2,889	6,861		
Posts, steel	834	134		
Posts, other	1,683	1,559		
Iron and steel shapes	2,468	25,587		
Iron and steel forms	18,002	32,451		
Iron and steel reinforcing	27,980	55,512		
Hydrants	11,081	30,173		
Manhole covers and frames	5,589	6,266		
Pipe, metal	60,443	140,006		
Pipe, concrete	10,332	10,082		
Pipe, vitrified clay, etc.	32,031	33,534		
Culverts	82,902	156,883		
Hope or cable, wire	1,184	5,654		
Hope, other	670	2,430		
Wire netting or mesh	301	3,336		
Electric light standards	29	484		
Electrical supplies	42,269	88,570		
Plumbing and shop supplies	27,510	93,276		
Lead and lead pipe	5,972	8,099		
Pipe fittings	7,276	9,301		
Valves	11,153	39,347		
Hardware	49,460	133,134		
Paint and painters' supplies	35,292	44,117		
Explosives	319	8,723		
Fencing materials (not to include posts)	971	5,543		
Guard rail materials (not to include posts)	717	1,987		
Sigas, metal	12,546	9,626		
Brick	1,184	3,038		
Stone, crushed and all other	33,503	69,084		
Paving blocks	-	518		
Gravel	143,040	258,396		
Sand	16,266	16,302		
Cement	40,494	119,377		
Concrete, ready-mix	298,921	355,480		
Bituminous materials (not including oil)	68,684	66,754		
Calcium chloride, salt and other chemicals	10,651	9,821		
Oil, for road construction	45,897	187,061		
Borrow pits, earth fill, cinders, etc.	5,577	14,088		
Roofing materials	7,912	10,631		
All other materials, unable to classify	94,329	171,690		
TOTAL COST OF MATERIALS USED	1,403,434	2,614,183		

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

SASKATCHEWAN

Table 55. - Principal Statistics of the Construction Industry in Saskatchewan in 1946 and 1947.

	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>1946</u>							
General and Trade Contractors and Subcontractors	1,074	4,580	7,841,750	13,358,814	16,750,991	6,794,751	23,545,742
Municipalities	36	533	668,595	609,291	694,830	622,454	1,317,284
Provincial and Dominion Government Departments	8	886	1,583,379	1,453,598	2,388,101	2,026,068	4,414,189
Totals	1,118	5,999	10,093,724	15,421,703	19,833,922	9,443,293	29,277,215
<u>1947</u>							
General and Trade Contractors and Subcontractors	1,138	6,046	11,403,214	17,941,146	26,639,084	5,887,025	32,526,109
Municipalities	30	752	1,019,381	997,492	1,416,411	731,224	2,147,635
Provincial and Dominion Government Departments	11	1,116	2,114,882	1,327,950	3,415,959	1,918,895	5,334,854
Totals	1,179	7,913	14,537,477	20,266,588	31,471,454	8,537,144	40,008,598

Table 56. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single	6,036,797	396,873	6,433,670	7,057,053	255,786	7,312,839
Dwellings, semi-detached or double	92,100	5,551	117,651	111,240	21,877	133,117
Duplexes	79,519	25,907	105,426	81,372	2,005	83,377
Apartment houses	63,659	78,949	142,608	122,500	12,440	134,940
Hotels, clubs, restaurants, etc.	92,084	72,783	164,867	215,204	39,182	254,386
Churches and church halls	19,469	17,198	36,667	176,435	15,486	191,921
Hospitals and sanatoria	1,004,912	102,232	1,107,144	1,652,481	31,450	1,683,931
Schools, institutions, etc.	-	30,579	30,579	1,101,989	38,832	1,140,821
Office buildings	335,097	194,680	529,777	1,167,730	177,081	1,344,811
Stores	433,870	427,020	860,690	1,074,394	165,918	1,240,312
Theatres and amusement halls	158,775	42,052	200,807	280,488	15,500	295,988
Factories, warehouses and storehouses	1,600,860	1,326,631	2,927,491	2,834,309	924,933	3,769,242
Elevators, grain	709,992	1,306,724	2,016,716	2,709,563	1,184,286	3,895,849
Garages	575,964	75,880	649,844	806,263	24,124	830,387
Service stations	-	421,275	421,275	160,304	381,459	541,763
Farm buildings	79,303	33,578	112,881	49,953	17,795	67,748
Armouries and barracks	-	42,549	42,549	2,354	37,729	40,093
Buildings, unable to specify	767,722	58,208	815,930	179,733	41,583	221,316
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	662,833	117,303	780,136	1,364,962	173,137	1,538,099
Gravel or stone surfaced streets, highways, etc.	1,512,170	1,388,346	2,980,518	3,136,830	1,324,163	4,460,993
Dirt or clay roads	1,809,395	385,172	2,194,567	1,666,717	339,353	2,006,070

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

SASKATCHEWAN

Table 56. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded

	1946			1947		
	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.	203,866	101,577	305,443	151,116	197,649	348,765
Sidewalks	20,915	37,703	58,618	128,968	31,434	160,402
Roadside maintenance and area improvement ..	1,122	16,273	17,395	-	16,339	16,339
Bridges, viaducts, all types	147,405	209,744	357,149	192,903	256,518	449,421
Subways, overhead crossings, etc.	-	3,420	3,420	-	370	370
Culverts	26,171	7,393	33,564	3,452	16,752	20,204
Water mains and connections	384,286	101,612	485,898	509,355	81,758	591,113
Sewers and connections	126,990	36,448	163,438	546,885	37,494	584,379
Storm sewers	40,250	2,123	42,353	11,241	8,802	20,043
Tile drains, drainage ditches and open sewers	2,250	34,808	37,058	2,500	39,567	42,067
Dams and reservoirs	430,050	85,299	515,349	471,070	62,997	534,067
Street lighting	-	-	-	4,390	53,034	57,424
Fencing (excluding temporary snow fencing). .	134,382	24,900	159,282	186,780	10,056	196,836
Guard rails	-	1,502	1,502	-	447	447
Signs	478	1,824	2,302	750	4,025	4,776
Zone painting	50	1,216	1,266	20	2,081	2,101
Electric stations, power plants, etc.	-	-	-	206,136	18,300	224,436
Transmission lines and towers	178,869	164,346	343,215	194,584	72,097	266,681
Railway (steam) construction work	-	31,603	31,603	-	-	-
Park systems, including grounds and walks ..	500	53,918	54,418	16,236	89,619	105,855
Telephone and telegraph lines	-	13,866	13,866	-	-	-
Aerodromes or landing fields	-	400	400	-	9,990	9,990
Engineering, unable to specify	372,609	219,572	592,181	755,680	22,493	778,173
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	-	-	-	-	492	492
Retaining walls, embankment and ripraping .	50	-	50	200	-	200
Dredging	-	184	184	-	271	271
Works, unable to specify	-	-	-	-	998	998
<u>Trade Construction</u>						
Air conditioning	35,964	8,340	44,304	43,587	14,842	58,429
Bricklaying	14,223	8,648	22,871	-	4,103	4,103
Carpentry work	94,657	96,950	191,607	146,779	112,113	258,892
Concreting and cement work	32,684	36,363	69,047	103,355	53,997	157,350
Electrical work	577,606	279,407	857,013	477,096	505,037	982,133
Excavating	92,443	1,180	93,625	-	610	610
Flooring	-	-	-	-	7,938	7,938
Glass and glazing	6,600	-	6,600	-	6,824	6,824
Lathing, plastering and stucco	14,219	6,622	20,841	40,842	62,382	103,024
Painting and decorating	149,787	364,833	514,620	212,774	371,046	583,820
Plumbing, heating and sanitary engineering	312,137	566,794	878,931	574,909	717,186	1,292,095
Roofing, sheet metal	-	68,559	68,559	53,022	-	53,022
Roofing, all other	23,573	26,693	50,166	22,506	50,425	72,931
Sheet metal work, other than roofing	109,418	107,398	216,816	140,883	141,348	282,231
Weatherstripping and insulation	-	18,374	18,374	-	42,367	42,367
Trades, unable to specify	178,087	154,031	332,098	321,753	189,224	510,977
TOTAL VALUE OF WORK PERFORMED	19,633,922	9,443,293	29,277,215	31,471,454	8,537,144	40,006,598

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

SASKATCHEWAN

Table 57. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	6,024,200	390,314	6,414,514	6,832,143	247,481	7,079,624
Dwellings, semi-detached or double	92,100	25,551	117,651	111,240	21,877	133,117
Duplexes	79,519	25,907	105,426	81,372	2,005	83,377
Apartment houses	65,659	78,949	142,608	122,500	9,681	132,181
Hotels, clubs, restaurants, etc.	92,084	72,783	164,867	216,204	39,182	254,386
Churches and church halls	19,469	17,198	36,667	176,435	15,486	191,921
Hospitals and sanatoria	1,004,912	102,182	1,107,094	1,652,481	31,450	1,683,931
Schools, institutions, etc.	-	30,579	30,579	1,101,989	37,462	1,139,451
Office buildings	325,557	171,363	496,920	1,157,042	156,833	1,513,875
Stores	433,670	427,020	860,690	1,074,394	165,918	1,240,312
Theatres and amusement halls	153,869	15,359	169,228	280,488	15,500	295,988
Factories, warehouses and storehouses	1,585,954	1,228,593	2,814,547	2,802,519	888,006	3,690,527
Elevators, grain	709,992	1,306,724	2,016,716	2,709,563	1,184,157	3,893,720
Garages	573,964	72,495	646,459	790,984	23,585	814,349
Service stations	-	57,248	57,248	160,304	381,459	541,763
Farm buildings	53,234	27,622	80,856	36,855	13,518	50,373
Buildings, unable to specify	753,292	412,183	1,165,475	163,034	33,575	196,609
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc. .	530,411	-	530,411	-	-	-
Gravel or stone surfaced streets, highways, etc.	787,861	197,072	984,933	1,309,860	144,500	1,454,360
Sidewalks	1,005	1,045	2,050	15,133	-	15,133
Bridges, viaducts, all types	98,597	-	98,597	122,363	-	122,363
Dirt or clay roads	547,799	61,569	609,368	1,329,854	-	1,329,854
Grading, scraping, oiling, filling, etc.	203,866	-	203,866	136,582	-	136,582
Watermains and connections	132,469	-	132,469	135,380	-	135,380
Sewers and connections	-	-	-	238,302	-	238,302
Dams and reservoirs	342,297	-	342,297	151,725	-	151,725
Electric stations, power plants, etc.	-	-	-	178,393	-	178,393
Transmission lines and towers	107,445	-	107,445	-	-	-
Engineering, unable to specify	392,908	329,947	722,855	1,416,651	195,665	1,612,314
<u>Harbours, Rivers, etc.</u>						
Works, unable to specify	-	-	-	-	998	998
<u>Trade Construction</u>						
Air conditioning	35,964	8,540	44,304	43,587	14,842	58,429
Bricklaying	14,223	8,648	22,871	-	4,103	4,103
Carpentry work	94,657	96,950	191,607	146,779	112,113	258,892
Concreting and cement work	32,684	36,363	69,047	103,353	53,997	157,350
Electrical work	577,606	279,407	857,013	477,096	505,037	982,133
Excavating	91,923	-	91,923	-	-	-
Flooring	-	-	-	-	7,938	7,938
Glass and glazing	6,600	-	6,600	-	6,824	6,824
Lathing, plastering and stucco	14,219	6,622	20,841	40,642	62,382	103,024
Painting and decorating	149,767	364,833	514,620	212,774	371,046	583,820
Plumbing, heating and sanitary engineering	312,137	566,794	878,931	574,909	717,186	1,292,056
Roofing, sheet metal	-	68,559	68,559	53,022	-	53,022
Roofing, all other	23,573	26,593	50,166	22,506	50,425	72,931
Sheet metal work, other than roofing	109,418	107,398	216,816	140,883	141,348	282,231
Weatherstripping and insulation	-	18,374	18,374	-	42,367	42,367
Trades, unable to specify	178,067	154,167	332,234	520,743	189,299	510,042
TOTAL VALUE OF WORK PERFORMED	16,750,991	6,794,751	23,545,742	26,639,084	5,987,025	32,526,109

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

SASKATCHEWAN

Table 58. - Description, Classification and Value of Work Performed by Subcontractors in Saskatchewan in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	25,480	6,475	31,955	77,708	11,412	89,120
Bricklaying	6,655	-	6,655	47,705	-	47,705
Carpentry work	28,743	-	28,743	41,476	3,854	45,330
Concreting and cement work	8,313	-	8,313	-	-	-
Electrical work	181,949	53,205	235,154	660,992	132,835	793,827
Flooring	12,508	-	12,508	16,091	-	16,091
Lathing, plastering and stucco	72,576	2,593	75,169	87,379	2,363	89,742
Painting and decorating	158,130	70,940	229,070	331,506	100,364	431,870
Plumbing, heating and sanitary engineering	618,045	84,967	701,012	1,635,226	124,557	1,757,783
Roofing, all other	63,920	28,220	92,140	136,874	16,765	153,639
Sheet metal work, other than roofing	139,906	15,200	155,106	220,762	11,191	231,965
Tiling, marble and terrazzo	-	43,813	43,813	-	-	-
Work, unable to specify	592,468	14,160	606,628	778,491	80,682	859,173
TOTAL VALUE OF WORK PERFORMED	1,906,693	319,573	2,226,266	4,032,210	484,023	4,516,233

Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings, single	12,597	6,559	19,156	224,910	8,305	233,215
Apartment houses	-	-	-	-	2,759	2,759
Schools, institutions, etc.	-	-	-	-	1,370	1,370
Office buildings	9,540	23,317	32,857	10,688	20,248	30,936
Factories, warehouses and storehouses	14,906	98,038	112,944	31,790	36,925	68,715
Garages	-	3,385	3,385	15,279	759	16,038
Elevators, grain	-	-	-	-	129	129
Farm buildings	26,069	5,956	32,025	13,098	4,277	17,375
Armouries and barracks	-	41,642	41,642	2,364	37,729	40,093
Theatres and amusement halls	4,906	26,673	31,579	-	-	-
All other buildings and structures	4,430	11,009	15,439	16,699	8,008	24,707
Hard surfaced or paved streets, highways, etc.	132,422	117,303	249,725	732,888	161,337	894,225
Gravel or stone surfaced streets, highways, etc.	824,309	1,171,274	1,995,583	1,826,970	1,179,663	3,006,635
Dirt or clay roads	1,261,596	323,603	1,585,199	336,863	330,499	667,362
Grading, scraping, oiling, filling, etc.	-	44,341	44,341	14,534	65,434	79,968
Sidewalks	19,910	36,658	56,568	113,835	30,910	144,745
Roadside maintenance and area improvement	1,122	16,273	17,395	-	16,339	16,339
Bridges, viaducts, all types	48,808	207,512	256,320	70,540	256,518	327,058
Subways, overhead crossings, etc.	-	3,420	3,420	-	370	370
Culverts	3,107	7,393	10,500	3,452	14,331	17,783
Storm sewers	40,250	2,123	42,353	6,796	8,802	15,598
Tile drains, drainage ditches and open sewers	500	34,808	35,308	2,500	39,567	42,067
Fencing (excluding temporary snow fencing)	134,382	24,900	159,282	186,020	9,826	195,846
Guard rails	-	1,502	1,502	-	447	447
Signs	478	1,824	2,302	750	4,025	4,775
Zone painting	50	1,216	1,266	20	2,081	2,101
Watermains and connections	251,817	101,612	353,429	373,975	80,915	454,690
Reservoirs	4,090	7,942	12,032	122,278	11,187	153,463
Street lighting	-	-	-	4,390	53,034	57,424
Sewers and connections	84,432	29,941	114,373	308,583	37,034	345,617
Electric stations, power plants, etc.	-	-	-	27,743	300	28,043
Pole or distribution lines, electric	71,424	82,592	154,016	189,092	69,026	238,118
Docks, wharves, piers, breakwaters	-	-	-	-	492	492
Retaining walls and ripraping	50	-	50	200	-	200
Dredging	-	184	184	-	271	271
Water control or dams	83,663	77,357	161,020	197,069	51,702	248,771

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

SASKATCHEWAN

Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Aerodromes or landing fields	\$ -	\$ 400	\$ 400	\$ 1,800	\$ 9,990	\$ 11,790
Excavating	520	1,044	1,564	1,010	535	1,545
Park systems (including grounds and walks)	500	53,918	54,418	16,236	89,619	105,855
Telephone and telegraph lines	5,000	3,251	8,251	-	267	267
Work, unable to specify	42,073	79,572	121,645	-	5,069	5,069
TOTAL VALUE OF WORK PERFORMED	5,082,931	2,648,542	5,731,473	4,832,370	2,650,119	7,482,489

Table 60. - Cost of Materials Used in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1946 and 1947.

	1946		1947	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed			113,481	139,129
Lumber and timber, creosoted or chemically treated			75,759	110,921
Piling, wood (including treated piling)			20,322	21,262
Piling, steel			-	3,967
Piling, other			-	17
Posts, wood			44,820	30,379
Posts, steel			2,291	4,823
Posts, other			-	-
Iron and steel shapes			7,228	8,005
Iron and steel forms			914	522
Iron and steel reinforcing			27,172	85,877
Hydrants			9,774	20,964
Manhole covers and frames			4,583	7,323
Pipe, metal			159,517	179,624
Pipe, concrete			75,156	191,510
Pipe, vitrified clay, etc.			26,123	37,738
Culverts			31,753	40,461
Rope or cable, wire			1,186	962
Rope, other			74	134
Wire netting or mesh			12,043	3,870
Electric light standards			14,745	9,245
Electrical supplies			94,199	113,601
Plumbing and shop supplies			21,065	34,420
Lead and lead pipe			25,250	27,294
Pipe fittings			24,700	31,941
Valves			10,684	24,994
Hardware			57,779	46,206
Paint and painters' supplies			24,215	13,622
Explosives			169	551
Fencing materials (not to include posts)			9,843	12,866
Guard rail materials (not to include posts)			1,439	2,460
Signs, metal			20,271	18,182
Brick			6,292	6,719
Stone, crushed and all other			14,838	25,870
Gravel			92,238	139,071
Sand			3,643	16,648
Cement			43,521	68,024
Concrete, ready-mix			1,193	18,788
Bituminous materials (not including oil)			31,525	528,571
Calcium chloride, salt and other chemicals			9,901	10,017
Oil, for road construction			137,799	44,173
Borrow pits, earth fill, cinders, etc.			12,668	13,413
Roofing materials			3,501	5,067
All other materials (unable to classify)			789,015	226,193
TOTAL COST OF MATERIALS USED			2,062,889	2,325,442

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ALBERTA

Table 61. - Principal Statistics of the Construction Industry in Alberta in 1946 and 1947.

	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>1946</u>	No.	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors	1,935	7,959	13,653,627	23,968,937	32,487,993	9,217,100	41,705,093
Municipalities	29	935	1,577,341	900,429	1,118,184	1,437,011	2,555,195
Provincial and Dominion Government Departments	8	1,313	2,837,706	1,533,074	3,872,231	3,440,877	7,313,108
Totals	1,972	10,207	18,068,674	26,402,440	37,478,408	14,094,988	51,573,396
<u>1947</u>							
General and Trade Contractors and Subcontractors	1,903	9,278	17,429,859	30,227,760	44,489,177	7,150,984	51,640,161
Municipalities	27	1,071	1,976,826	1,349,422	2,073,335	1,362,777	3,436,112
Provincial and Dominion Government Departments	17	1,912	4,086,982	2,832,290	8,715,509	3,859,528	12,575,037
Totals	1,947	12,261	23,493,667	34,409,472	55,278,021	12,373,289	67,651,310

Table 62. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	11,920,157	910,504	12,830,661	14,930,077	1,723,936	16,654,013
Dwellings, semi-detached or double	890,479	62,341	952,820	231,494	81,058	312,552
Duplexes	220,126	39,890	260,016	232,294	4,448	236,742
Apartment houses	243,171	102,442	345,613	1,277,172	51,264	1,328,436
Hotels, clubs, restaurants, etc.	207,008	240,706	447,714	964,333	65,896	1,030,229
Churches and church halls	57,981	34,447	92,428	277,374	21,127	298,501
Hospitals and sanatoria	963,705	69,414	1,033,119	1,416,899	13,011	1,428,910
Schools, institutions, etc.	964,408	118,476	1,082,884	1,451,352	32,145	1,483,497
Office buildings	825,512	1,263,244	2,088,756	2,010,482	164,712	2,165,194
Stores	675,006	600,348	1,275,354	1,245,380	282,390	1,527,770
Theatres and amusement halls	91,500	198,421	289,921	292,783	102,172	394,955
Factories, warehouses and storehouses	2,134,834	1,363,375	3,498,209	4,244,754	973,357	5,218,111
Elevators, grain	241,569	1,205,993	1,447,462	681,052	617,005	1,298,057
Garages	627,112	112,451	739,563	1,660,509	143,202	1,803,711
Service stations	195,269	396,468	591,737	274,525	372,089	646,624
Mine buildings	-	-	-	103,926	86,207	190,133
Farm buildings	73,068	56,084	129,172	271,399	11,074	282,473
Radio stations	-	5,735	5,735	207,293	25,299	232,592
Armouries and barracks	43,709	139,932	183,641	110,842	31,311	142,153
Buildings, unable to specify	2,939,154	315,297	3,254,451	242,573	136,884	379,457
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	1,611,152	408,392	2,019,544	3,725,004	363,949	4,088,953
Gravel or stone surfaced streets, highways, etc.	690,501	1,264,250	1,954,751	1,909,075	1,419,743	3,328,818
Dirt or clay roads	2,191,626	822,416	3,014,042	4,100,617	769,804	4,870,421
Grading, scraping, oiling, filling, etc.	117,830	83,372	201,202	422,220	100,676	522,896
Sidewalks	164,185	77,351	241,536	199,595	91,701	291,296
Roadside maintenance and area improvement	12,051	55,095	67,146	17,262	71,089	88,351
Bridges, viaducts, all types	376,120	373,879	749,999	669,484	445,878	1,115,362

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ALBERTA

Table 62. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction - Concluded</u>						
Subways, overhead crossings, etc.	-	326	326	-	7,153	7,153
Sulverts	222,710	11,018	233,728	451,302	23,609	474,911
Water mains and connections	299,347	218,188	517,535	578,845	254,655	833,500
Sewers and connections	748,963	42,059	791,022	1,131,872	53,754	1,185,626
Storm sewers	40,490	4,760	45,250	149,730	6,915	156,645
Tile drains, drainage ditches and open sewers	12,600	21,984	34,584	506	29,181	29,487
Dams and reservoirs	2,281,508	13,853	2,295,361	1,701,296	11,303	1,712,599
Street lighting	-	-	-	37,436	36,317	73,753
Fencing (excluding temporary snow fencing) ..	22,145	7,335	29,480	26,269	3,631	28,900
Electric stations, power plants, etc.	-	-	-	372,241	-	372,241
Guard rails	616	10,620	11,236	1,062	10,064	11,116
Signs	-	-	-	3,496	16,613	20,109
Zone painting	-	4,224	4,224	2,161	7,561	9,722
Transmission lines and towers	634,863	453,955	1,088,818	2,063,005	326,549	2,389,564
Aerodromes or landing fields	-	7,781	7,781	-	30,118	30,118
Park systems, including grounds and walks ..	262	368,372	368,634	67,382	264,943	332,325
Installation of machinery	-	-	-	-	1,800	1,800
Telephone and telegraph lines	55,232	24,412	79,644	44,015	28,092	72,107
Engineering, unable to specify	1,358,359	64,633	1,422,992	304,763	33,123	337,886
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	43,399	10,402	53,801	13,072	2,241	15,313
Retaining walls, embankment and ripraping ..	31	996	1,027	7,085	-	7,085
Dredging	26,652	24,995	51,647	27,376	23,917	51,293
Works, unable to specify	31,368	52,522	83,890	27,499	15,425	42,924
<u>Trade Construction</u>						
Air conditioning	107,449	14,298	121,747	103,914	4,325	108,239
Bricklaying	12,052	41,608	53,660	83,697	34,409	118,106
Carpentry work	214,229	135,296	349,525	447,121	157,844	604,965
Commercial refrigeration	11,865	-	11,865	-	10,543	10,543
Concreting and cement work	181,784	159,607	341,391	319,966	55,530	375,496
Electrical work	598,557	210,235	808,792	362,731	253,313	616,044
Excavating	74,934	-	74,934	246,161	-	246,161
Flooring	40,207	41,353	81,560	51,476	62,622	114,096
Lathing, plastering and stucco	179,193	31,894	211,087	211,826	42,489	254,315
Masonry and stonework	-	-	-	1,773	-	1,773
Painting and decorating	225,627	374,961	600,588	261,995	540,544	802,559
Plumbing, heating and sanitary engineering ..	947,858	916,679	1,864,537	1,692,257	1,359,536	3,061,793
Roofing, sheet metal	-	22,207	22,207	64,053	3,774	67,827
Roofing, all other	110,434	95,504	205,938	179,660	74,148	253,808
Sheet metal work, other than roofing	180,982	155,491	340,473	261,104	93,365	354,469
Sprinkler installation	-	2,000	2,000	-	-	-
Tiling, marble and terrazzo	-	-	-	55,397	-	55,397
Weatherstripping and insulation	-	4,728	4,728	-	28,395	28,395
Trades, unable to specify	337,439	222,469	559,908	756,917	274,051	1,030,968
TOTAL VALUE OF WORK PERFORMED	37,478,408	14,094,988	51,573,396	55,278,021	12,373,289	67,651,310

Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single	11,697,149	873,415	12,570,564	13,259,728	686,170	13,945,898
Dwellings, semi-detached or double	890,479	62,341	952,820	231,494	-	231,494
Duplexes	220,126	39,890	260,016	232,294	-	232,294
Apartment houses	243,171	102,442	345,613	1,277,172	51,264	1,328,436

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ALBERTA

Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Building Construction - Concluded	\$	\$	\$	\$	\$	\$
Hotels, clubs, restaurants, etc.	207,008	240,706	447,714	964,333	65,896	1,030,229
Churches and church halls	57,981	34,447	92,428	277,374	21,127	298,501
Hospitals and sanatoria	963,705	69,414	1,032,119	1,411,525	10,705	1,422,230
Schools, institutions, etc.	964,408	118,443	1,082,851	1,451,352	31,286	1,482,638
Office buildings	654,108	434,161	1,088,269	1,929,178	101,470	2,030,648
Stores	675,006	600,348	1,275,354	1,245,380	282,390	1,527,770
Theatres and amusement halls	86,723	168,457	275,180	292,763	102,172	394,955
Factories, warehouses and storehouses	2,003,365	1,341,011	3,344,376	4,180,039	892,105	5,072,144
Elevators, grain	-	1,197,488	1,197,488	681,062	617,005	1,298,057
Garages	616,912	105,622	722,534	1,607,451	117,199	1,724,650
Service stations	195,269	50,682	245,951	274,525	372,099	646,624
Mine buildings	-	-	-	103,926	-	103,926
Farm buildings	73,088	56,084	129,172	259,399	10,939	270,338
Buildings, unable to specify	3,210,758	635,325	3,846,083	71,181	194,872	266,053
Engineering Construction						
Hard surfaced or paved streets, highways, etc.	-	-	-	1,764,231	-	1,764,231
Gravel or stone surfaced streets, highways, etc.	166,970	19,757	186,727	1,108,882	305,047	1,413,929
Dirt or clay roads	707,998	-	707,998	1,395,364	-	1,395,364
Grading, scraping, oiling, filling, etc.	105,368	-	105,368	398,505	27,873	426,378
Sidewalks	15,049	-	15,049	-	-	-
Watermains and connections	272,611	-	272,611	182,557	5,455	188,012
Sewers and connections	186,027	-	186,027	349,813	-	349,813
Storm sewers	-	-	-	59,135	-	59,135
Dams and reservoirs	2,266,070	-	2,266,070	1,650,521	-	1,660,521
Electric stations, power plants, etc.	-	-	-	372,241	-	372,241
Transmission lines and towers	528,915	-	528,915	1,772,936	-	1,772,936
Engineering, unable to specify	2,226,006	561,714	2,787,719	556,612	246,347	802,959
Harbours, Rivers, etc.						
Works, unable to specify	31,368	53,023	84,391	28,920	15,425	44,345
Trade Construction						
Air conditioning	107,449	14,298	121,747	105,914	4,325	108,239
Bricklaying	12,052	41,608	53,660	83,697	34,409	118,106
Carpentry work	214,229	135,296	349,525	447,121	157,844	604,965
Commercial refrigeration	11,865	-	11,865	-	10,543	10,543
Concreting and cement work	181,784	159,607	341,391	319,986	56,530	375,496
Electrical work	598,557	210,236	808,792	362,731	253,313	616,044
Excavating	74,680	-	74,680	245,387	-	245,387
Flooring	40,207	41,353	81,560	51,476	62,822	114,098
Lathing, plastering and stucco	179,193	31,894	211,087	211,826	42,489	254,315
Masonry and stone work	-	-	-	1,773	-	1,773
Painting and decorating	225,627	374,961	600,588	261,995	540,544	802,539
Plumbing, heating and sanitary engineering ..	947,858	916,679	1,864,537	1,692,257	1,359,536	3,051,793
Roofing, sheet metal	-	22,207	22,207	64,053	3,774	67,827
Roofing, all other	110,434	95,504	205,938	179,860	74,148	253,808
Sheet metal work, other than roofing	180,982	159,491	340,473	261,104	93,365	354,469
Sprinkler installation	-	2,000	2,000	-	-	-
Tiling, marble and terrazzo	-	-	-	55,397	-	55,397
Weatherstripping and insulation	-	4,728	4,728	-	28,395	28,395
Trades, unable to specify	337,439	222,469	559,908	756,917	273,301	1,030,218
TOTAL VALUE OF WORK PERFORMED	32,487,993	9,217,100	41,705,093	44,489,177	7,150,984	51,640,161

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ALBERTA

Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Air conditioning	43,991	-	43,991	146,946	5,269	152,215
Bricklaying	-	14,567	14,567	120,304	9,840	130,144
Carpentry work	75,576	21,239	96,815	196,481	25,012	221,493
Concreting and cement work	415,312	-	415,312	953,711	10,860	964,571
Electrical work	629,198	238,546	867,744	1,380,842	464,830	1,845,372
Elevator's service	-	-	-	27,382	-	27,382
Excavating	207,560	-	207,560	535,125	-	535,125
Flooring	28,639	23,745	52,584	26,484	43,822	70,306
Lathing, plastering and stucco	320,008	79,999	400,007	916,360	97,845	1,014,206
Masonry and stone work	-	-	-	12,589	-	12,589
Painting and decorating	217,940	127,239	345,179	359,884	74,936	434,820
Plumbing, heating and sanitary engineering ..	1,749,933	353,568	2,103,501	3,240,552	366,366	3,606,917
Roofing, sheet metal	-	-	-	48,991	1,441	50,432
Roofing, other than sheet metal	169,060	47,696	216,776	323,957	32,384	356,341
Sheet metal work (other than roofing)	284,002	64,005	348,007	456,640	20,532	477,172
Sprinkler installation	-	-	-	52,600	-	52,600
Weatherstripping and insulation	-	-	-	44,717	-	44,717
Work, unable to specify	2,315,820	360,895	2,676,715	2,041,627	361,812	2,393,439
TOTAL VALUE OF WORK PERFORMED	6,457,059	1,331,499	7,788,558	10,884,892	1,504,948	12,389,840

Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Dwellings, single	223,008	37,069	260,097	1,670,349	1,037,766	2,708,115
Office buildings	171,404	829,083	1,000,487	81,304	53,242	134,546
Factories, warehouses and storehouses	131,469	22,564	153,833	64,715	81,252	145,967
Garages	10,200	6,829	17,029	53,058	26,003	79,061
Elevators, grain	4,268	8,405	12,673	-	-	-
Farm buildings	-	-	-	12,000	135	12,185
Radio stations	-	5,735	5,735	171,350	23,856	195,206
Armouries and barracks	1,670	136,903	138,573	110,842	24,866	155,708
Theatres and amusement halls	4,777	9,964	14,741	-	-	-
Hospitals and sanatoria	-	-	-	4,374	2,306	6,680
Schools, institutions	-	-	-	-	859	859
All other buildings and structures	7,736	28,820	36,556	207,335	121,613	328,948
Hard surfaced or paved streets, highways, etc.	816,290	408,392	1,224,682	1,960,773	363,949	2,324,722
Gravel or stone surfaced streets, highways, etc.	523,531	1,149,851	1,673,382	800,193	1,114,696	1,914,889
Dirt or clay roads	1,483,628	741,695	2,225,323	2,705,253	743,008	3,448,261
Grading, scraping, oiling, filling, etc.	12,462	68,132	80,594	23,715	72,803	96,518
Sidewalks	149,136	77,140	226,276	156,921	87,546	244,467
Roadside maintenance and area improvement ..	12,051	55,095	67,146	17,262	71,089	88,351
Bridges, viaducts, all types	297,502	358,746	656,248	496,735	442,352	939,087
Subways, overhead crossing, etc.	-	326	326	-	7,147	7,147
Culverts	222,710	10,578	233,288	400,938	23,262	424,200
Storm sewers	20,464	4,669	25,133	90,595	6,915	97,510
Tile drains, drainage ditches and open sewers.	12,600	21,984	34,584	306	29,181	29,487
Fencing (excluding temporary snow fencing) ..	19,855	5,508	25,363	25,269	3,631	28,900
Guard rails	616	10,620	11,236	1,052	10,084	11,116
Signs	421	14,393	14,814	3,496	16,813	20,109
Zone painting	-	4,224	4,224	2,161	7,561	9,722
Watermains and connections	26,736	213,982	240,718	396,288	249,200	645,488
Reservoirs	272	2,076	2,348	-	482	482
Street lighting	-	-	-	37,436	36,317	75,753
Sewers and connections	562,936	39,032	601,968	782,059	53,653	835,712
Electric stations, power plants, etc.	3,847	-	3,647	-	-	-
Pole or distribution lines, electric	105,948	150,305	256,253	290,069	144,798	434,867
Docks, wharves, piers and breakwaters	43,399	10,402	53,801	13,072	2,241	15,313
Retaining walls and riprappling	51	496	526	5,664	-	5,664
Dredging	26,652	24,995	51,647	27,376	23,917	51,293
Excavating	254	-	254	774	750	1,524

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

ALBERTA

Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Water control or dams	15,166	-	15,166	50,775	2,919	53,694
Aerodromes or landing fields	-	4,584	4,584	-	30,118	30,118
Park systems (including grounds and walks)	262	368,372	368,634	67,382	264,943	332,325
Telephone and telegraph lines	55,232	24,412	79,644	44,015	28,092	72,107
Installation of machinery	-	-	-	-	1,800	1,800
Works, unable to specify	24,082	22,688	46,770	13,938	11,360	25,298
TOTAL VALUE OF WORK PERFORMED	4,990,415	4,877,888	9,868,303	10,788,844	5,222,305	16,011,149

Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1946 and 1947.

	1946		1947	
	Cost	Value	Cost	Value
	\$	\$	\$	\$
Lumber and timber, rough and dressed	385,923		612,699	
Lumber and timber, creosoted or chemically treated	41,436		76,869	
Piling, wood (including treated piling)	52,110		96,507	
Piling, steel	271		1,217	
Posts, wood	9,076		14,179	
Posts, steel	-		221	
Posts, other	527		2,113	
Iron and steel shapes	92,953		37,523	
Iron and steel forms	4,984		18,291	
Iron and steel reinforcing	15,262		2,906	
Hydrants	3,745		22,421	
Manhole covers and frames	12,446		18,544	
Pipe, metal	88,600		327,899	
Pipe, concrete	33,752		33,676	
Pipe, vitrified clay, etc.	104,595		158,279	
Culverts	46,410		94,966	
Rope or cable, wire	2,456		9,555	
Rope, other	896		1,638	
Wire netting or mesh	3,644		6,544	
Electric light standards	616		1,733	
Electrical supplies	43,146		349,970	
Plumbing and shop supplies	55,421		98,306	
Lead and lead pipe	5,480		6,766	
Pipe fittings	20,226		45,848	
Valves	9,056		15,704	
Hardware	67,709		85,489	
Paint and painters' supplies	53,969		70,080	
Explosives	2,286		1,355	
Fencing materials (not to include posts)	5,252		12,709	
Guard rail materials (not to include posts)	32		520	
Signs, metal	3,875		9,719	
Brick	7,508		11,141	
Stone, crushed and all other	14,245		18,575	
Paving blocks	6,569		-	
Gravel	468,429		766,980	
Sand	33,084		23,391	
Cement	58,756		67,327	
Concrete, ready-mix	79,596		84,728	
Bituminous materials (not including oil)	43,441		57,862	
Calcium chloride, salt and other chemicals	39,496		36,837	
Oil, for road construction	93,502		165,094	
Borrow pits, earth fill, cinders, etc.	1,335		8,421	
Roofing materials	14,358		27,606	
All other materials (unable to classify)	407,028		674,504	
TOTAL COST OF MATERIALS USED	2,433,503		4,181,712	

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

BRITISH COLUMBIA

Table 67. - Principal Statistics of the Construction Industry in British Columbia in 1946 and 1947.

	Reports Received	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed			
		No.	No.	↓	↓	↓	New Construction	Alterations Maintenance and Repairs
<u>1946</u>								
General and Trade Contractors and Subcontractors	2,830	18,128	34,524,134	47,580,706	67,168,885	20,281,669	87,450,554	
Municipalities	44	2,080	3,537,294	2,050,892	2,675,664	3,289,970	5,945,634	
Harbours Board, Provincial and Dominion Government Departments.	11	2,349	3,689,714	2,538,000	2,085,706	4,666,312	6,752,018	
Totals	2,885	22,557	41,751,142	52,189,598	71,930,255	28,217,951	100,148,206	
<u>1947</u>								
General and Trade Contractors and Subcontractors	4,121	23,413	50,397,968	72,431,546	113,336,234	17,485,290	130,821,524	
Municipalities	45	2,336	4,591,343	3,259,546	4,389,153	3,979,021	8,368,174	
Harbours Board, Provincial and Dominion Government Departments.	21	2,765	5,048,790	4,341,707	4,681,190	4,942,560	9,623,750	
Totals	4,187	28,514	60,038,099	80,032,799	122,406,577	26,406,871	148,813,448	

Table 68. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	↓	↓	↓	↓	↓	↓
Dwellings, single	22,479,198	1,884,391	24,363,589	30,552,016	1,941,842	32,493,858
Dwellings, semi-detached or double	412,824	126,170	538,994	1,875,800	35,419	1,911,219
Duplexes	496,144	58,370	554,514	532,014	8,147	540,161
Apartment houses	2,811,907	1,026,150	3,838,057	3,202,100	53,589	3,255,669
Hotels, clubs, restaurants, etc.	725,036	355,334	1,080,370	1,862,500	88,411	1,950,911
Churches and church halls	120,329	40,194	160,523	570,309	-	570,309
Hospitals and sanatoria	2,010,827	174,179	2,185,006	1,270,304	20,967	1,291,271
Schools, institutions, etc.	1,261,762	408,839	1,670,601	2,965,409	61,470	3,026,879
Office buildings	1,388,092	1,480,651	2,868,743	4,842,336	1,147,434	5,989,770
Stores	1,691,901	652,456	2,344,337	4,416,736	444,777	4,861,513
Theatres and amusement halls	205,985	142,942	348,927	967,910	170,948	1,138,858
Factories, warehouses and storehouses	9,679,134	3,314,831	12,993,965	13,186,462	5,192,704	18,379,166
Elevators, grain	-	162,387	162,387	213,534	41,037	254,571
Garages	921,556	605,552	1,527,108	1,545,923	125,155	1,671,078
Service Stations	377,555	399,051	776,606	1,119,468	-	1,119,468
Mine buildings	291,265	43,679	334,944	-	-	-
Farm buildings	119,217	51,659	170,876	448,020	22,441	470,461
Radio stations	77,201	11,258	88,459	-	-	-
Armouries and barracks	94,004	453,448	547,452	181,729	215,515	397,244
Buildings, unable to specify	281,972	216,907	498,879	577,102	566,327	1,143,429
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	3,606,129	1,262,197	4,868,326	5,717,992	1,262,252	6,980,244
Gravel or stone surfaced streets, highways, etc.	1,870,013	1,125,412	2,995,425	7,553,064	1,611,706	9,164,760
Dirt or clay roads	96,831	115,899	212,730	-	53,526	53,526
Grading, scraping, oiling, filling, etc.	221,966	851,088	1,073,054	617,344	762,216	1,379,560
Sidewalks	167,658	99,136	266,794	233,509	132,799	366,308
Roadside maintenance and area improvement	73,550	428,899	502,549	35,813	408,352	444,165

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, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded

	1946			1947		
	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	472,394	441,526	913,920	2,711,534	889,658	3,601,192
Subways, overhead crossings, etc.	-	-	-	-	3,700	3,700
Culverts	87,867	228,578	316,445	78,472	160,591	229,063
Watermains and connections	1,103,755	688,813	1,792,568	1,773,996	883,227	2,657,223
Sewers and connections'.....	898,368	149,301	1,037,669	1,567,526	137,114	1,704,640
Storm sewers	12,198	24,760	36,968	68,053	36,015	104,068
Tile drains, drainage ditches and open sewers.	17,030	158,035	175,065	40,214	144,040	184,254
Dams and reservoirs	4,235,185	-	4,235,185	3,526,052	-	3,526,052
Street lighting	-	-	-	23,021	43,391	66,412
Fencing (excluding temporary snow fencing)....	5,262	12,781	18,043	7,849	8,639	16,488
Guard rails	2,732	12,800	15,532	3,650	7,806	11,456
Signs	5,833	15,585	21,418	19,690	26,202	46,892
Zone painting	1,505	18,800	20,305	3,074	16,859	19,933
Transmission lines and towers	2,071,027	337,629	2,408,656	8,257,684	122,744	8,380,428
Railway (steam) construction work	-	58,490	58,490	-	78,778	78,778
Aerodromes or landing fields	-	-	-	73,579	4,734	78,313
Park systems, including grounds and walks	78,863	139,571	216,434	78,787	154,784	233,571
Telephone and telegraph lines	62,031	21,391	83,422	19,329	78,121	97,460
Engineering, unable to specify	3,114,775	1,547,505	4,662,280	9,097,357	296,451	9,393,808
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	318,093	727,843	1,045,936	1,446,096	779,705	2,225,801
Retaining walls, embankment and ripraping ...	62,775	74,766	137,541	202,205	319,160	521,365
Dredging	-	629,484	629,484	-	488,571	488,571
Pile driving	322,038	83,382	405,420	-	87,139	87,139
Works, unable to specify	220,530	785	221,615	415,146	-	415,146
<u>Trade Construction</u>						
Air conditioning	165,442	84,068	249,510	142,237	42,100	184,337
Bricklaying	88,207	153,085	241,292	149,753	139,214	288,967
Carpentry work	217,291	323,934	550,225	249,521	214,117	463,638
Commercial refrigeration	225,462	141,599	367,061	313,690	39,576	363,265
Concreting and cement work	427,248	86,691	513,939	280,488	141,471	421,959
Electrical work	1,744,826	978,890	2,723,716	1,837,292	1,355,100	3,192,392
Elevators, service	189,029	218,769	407,798	1,021,675	171,964	1,193,639
Excavating	278,896	115,071	393,967	819,375	63,296	882,671
Flooring	314,682	116,635	431,317	731,876	112,745	844,621
Glass and glazing	114,140	135,201	249,341	422,987	117,438	540,425
Lathing, plastering and stucco	242,494	33,200	275,694	395,286	52,327	447,613
Masonry and stone work	-	6,324	6,324	4,394	4,661	9,055
Ornamental iron work	87,227	3,922	91,149	-	5,378	5,378
Painting and decorating	461,679	1,300,378	1,762,057	570,203	1,504,138	2,074,341
Plumbing, heating and sanitary engineering ...	1,524,258	1,831,793	3,356,061	2,287,506	1,872,534	4,160,040
Roofing, sheet metal	229,736	101,705	331,441	149,343	35,040	184,383
Roofing, all other	199,595	626,915	826,510	253,210	594,274	847,484
Sheet metal work, other than roofing	620,944	709,581	1,330,525	570,100	485,288	1,055,388
Sprinkler installation	-	-	-	128,308	55,181	183,489
Tiling, marble and terrazzo	44,523	17,995	62,518	79,267	20,910	100,177
Weatherstripping and insulation	-	195,190	195,190	67,621	201,303	268,924
Wrecking and demolition	-	50,794	50,794	-	14,231	14,231
Trades, unable to specify	189,859	114,327	304,186	31,747	40,143	71,890
TOTAL VALUE OF WORK PERFORMED	71,930,255	28,217,951	100,148,206	122,406,577	26,406,871	148,813,448

BRITISH COLUMBIATable 69. - Description, Classification and Value of Work Performed in British Columbia
by General and Trade Contractors (including Subcontractors) in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single	22,466,482	1,772,607	24,239,089	29,847,846	1,883,572	31,731,418
Dwellings, semi-detached or double	412,824	126,170	538,994	1,875,800	35,419	1,911,219
Duplexes	496,144	58,370	554,514	532,014	8,147	540,161
Apartment houses	2,811,907	1,026,150	3,838,057	3,202,100	53,569	3,255,669
Hotels, clubs, restaurants, etc.	725,036	355,334	1,080,370	1,862,500	88,411	1,950,911
Churches and church halls	120,329	40,194	160,523	570,309	-	570,309
Hospitals and sanatoria	1,973,096	150,419	2,123,515	1,261,323	19,591	1,280,914
Schools, institutions, etc.	1,260,933	408,839	1,669,772	2,927,473	61,470	2,988,943
Office buildings	1,362,891	922,004	2,284,895	4,515,725	351,696	4,867,421
Stores	1,691,901	652,436	2,344,337	4,416,736	444,777	4,861,513
Theatres and amusement halls	202,085	140,116	342,201	967,910	170,948	1,138,858
Factories, warehouses and storerooms	9,635,108	2,984,873	12,619,981	13,118,023	5,059,313	18,177,336
Elevators, grain	-	147,598	147,598	190,218	-	190,218
Garages	905,567	219,659	1,125,226	1,523,227	118,950	1,642,177
Service stations	377,555	399,051	776,606	1,119,468	-	1,119,468
Mine buildings	291,265	43,679	334,944	-	-	-
Farm buildings	119,217	48,822	168,039	440,450	18,272	458,722
Buildings, unable to specify	267,393	120,820	388,213	534,852	539,678	1,074,530
<u>Engineering Construction</u>						
Hard surfaced or paved streets, highways, etc.	2,885,502	523,867	3,409,369	2,681,810	365,008	3,046,818
Gravel or stone surfaced streets, highways, etc.	1,409,666	227,046	1,636,712	6,839,513	140,672	6,980,185
Dirt or clay roads	68,972	-	66,972	-	-	-
Grading, scraping, oiling, filling, etc.	110,895	229,779	340,674	573,815	-	573,815
Sidewalks	430,270	131,544	561,814	66,578	14,102	80,680
Bridges, viaducts, all types	-	-	-	2,321,100	62,289	2,383,389
Culverts	-	-	-	48,788	-	48,788
Watermains and connections	197,828	32,882	230,708	399,299	16,970	416,269
Sewers and connections	47,111	9,778	56,889	-	1,784	1,784
Dams and reservoirs	4,229,764	-	4,229,764	3,372,481	-	3,372,481
Transmission lines and towers	1,974,298	260,672	2,234,970	6,184,843	12,285	6,197,128
Aerodromes or landing fields	-	-	-	54,905	-	54,905
Engineering, unable to specify	2,500,885	1,204,333	3,705,218	9,370,211	156,083	9,526,294
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	301,984	383,614	685,598	1,410,258	424,169	1,834,412
Retaining walls, embankments and ripraping..	-	-	-	193,447	-	193,447
Pile driving	322,038	83,382	406,420	-	87,139	87,139
Works, unable to specify	243,039	253,311	496,350	407,338	122,558	529,896
<u>Trade Construction</u>						
Air conditioning	165,442	84,068	249,510	142,237	42,100	184,337
Bricklaying	88,207	153,086	241,292	149,753	139,214	288,967
Japery work	217,291	332,934	550,225	249,521	214,117	463,638
Commercial refrigeration	225,462	141,599	367,061	313,690	39,575	353,265
Concreting and cement work	427,248	86,691	513,939	280,488	141,471	421,959
Electrical work	1,744,826	978,890	2,723,716	1,837,292	1,355,100	3,192,392
Elevators, service	189,029	218,769	407,798	1,021,675	171,964	1,193,639
Excavating	242,260	-	242,260	819,375	-	819,375
Flooring	314,682	116,635	431,317	731,876	112,745	844,621
Glass and glazing	114,140	135,201	249,341	422,987	117,438	540,426
Lathing, plastering and stucco	242,494	33,200	275,694	395,286	52,327	447,613
Masonry and stone work	-	6,324	6,324	4,394	4,661	9,055
Ornamental iron work	87,227	3,922	91,149	-	5,378	5,378
Painting and decorating	461,679	1,300,378	1,762,057	570,203	1,504,138	2,074,341
Plumbing, heating and sanitary engineering ..	1,524,258	1,831,793	3,358,051	2,287,506	1,872,534	4,160,040
Roofing, sheet metal	229,736	101,705	331,441	149,343	35,040	184,383
Roofing, all other	199,595	626,915	826,510	253,210	594,274	847,484
Sheet metal work, other than roofing	620,944	709,581	1,330,525	570,100	485,288	1,055,388
Sprinkler installation	-	-	-	128,308	55,181	183,489
Tiling, marble and terrazzo	44,523	17,995	62,518	79,267	20,910	100,177
Weatherstripping and insulation	-	195,190	195,190	67,621	201,303	268,924
Wrecking and demolition	-	50,794	50,794	-	14,231	14,231
Trades, unable to specify	189,859	198,651	388,510	31,747	49,439	81,186
TOTAL VALUE OF WORK PERFORMED	67,168,885	20,281,669	87,450,554	113,336,234	17,485,290	130,821,524

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

BRITISH COLUMBIA

Table 70. - Description, Classification and Value of Work Performed in British Columbia by Subcontractors in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	86,312	12,545	98,857	219,091	73,104	292,195
Bricklaying	202,660	25,099	227,759	458,967	47,728	506,695
Carpentry work	144,523	92,098	236,621	396,306	54,257	450,563
Concreting and cement work	542,239	73,988	616,227	542,945	123,909	666,854
Electrical work	1,408,108	506,773	1,914,881	2,823,039	402,372	3,225,411
Elevators, service	50,053	-	50,053	-	-	-
Excavating	182,814	1,250	184,064	242,999	-	242,999
Flooring	1,106,260	184,379	1,290,639	1,248,688	205,061	1,453,749
Glass and glazing	209,762	82,849	292,611	252,806	132,172	384,978
Lathing, plastering and stucco	1,456,769	96,288	1,553,057	2,517,259	137,168	2,654,427
Masonry and stone work	80,027	-	80,027	100,091	-	100,091
Ornamental iron work	161,329	-	161,329	314,619	13,981	328,600
Painting and decorating	840,872	526,214	1,367,086	968,709	587,959	1,546,668
Plumbing, heating and sanitary engineering..	3,040,031	442,921	3,482,952	5,543,315	1,077,726	6,621,041
Roofing, sheet metal	89,588	10,861	100,449	265,065	123,113	388,178
Roofing, all other	376,757	185,867	562,624	737,894	347,820	1,085,714
Sheet metal work, other than roofing	772,254	146,168	918,422	968,234	234,488	1,202,722
Sprinkler installation	-	-	-	467,797	-	467,797
Structural steel work	2,418,346	-	2,418,346	1,974,172	-	1,974,172
Tiling, marble and terrazzo	273,303	76,499	349,802	619,603	53,776	673,379
Weatherstripping and insulation	30,958	-	30,958	191,017	71,521	262,538
Work, unable to specify	101,195	204,256	305,451	149,696	78,996	228,692
TOTAL VALUE OF WORK PERFORMED	13,574,160	2,668,055	16,242,215	20,992,312	3,765,151	24,757,463

Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Departments in 1946 and 1947.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Dwellings single	12,716	111,784	124,500	704,170	58,270	762,440
Office buildings	25,201	558,647	583,848	326,611	795,738	1,122,349
Factories, warehouses and storehouses	44,026	329,958	373,984	68,439	133,391	201,830
Garages	16,989	385,893	401,882	22,696	6,205	28,901
Elevators, grain	-	14,789	14,789	23,316	10,953	34,269
Farm buildings	-	2,837	2,837	7,570	4,169	11,739
Theatres and amusement halls	3,900	2,826	6,726	-	-	-
Schools, institutions, etc.	829	-	829	37,936	-	37,936
Hospitals and sanatoria	37,731	23,760	61,491	8,981	1,376	10,357
Radio stations	70,138	9,142	79,280	-	-	-
Armouries and barracks	88,476	450,112	538,588	181,729	215,515	397,244
Aeroplane hangars	-	220	220	-	-	-
All other buildings and structures	27,170	101,319	128,489	42,250	56,733	98,983
Hard surfaced or paved streets, highways, etc.	720,627	738,330	1,458,957	3,036,182	897,244	3,933,426
Gravel or stone surfaced streets, highways, etc.	460,347	898,386	1,358,713	713,541	1,471,034	2,184,575
Dirt or clay roads	29,859	114,961	144,820	35,215	50,406	85,621
Grading, scraping, oiling, filling, etc.	11,071	621,309	732,380	43,529	761,879	805,408
Sidewalks	85,292	99,136	184,428	166,931	118,697	285,828
Roadside maintenance and area improvement ..	73,650	428,899	502,545	35,813	408,352	444,165
Bridges, viaducts, all types	42,124	309,982	352,106	390,434	827,369	1,217,803
Subways, overhead crossings, etc.	2,520	267	2,787	-	3,700	3,700
Culverts	75,113	224,527	299,640	29,684	142,957	172,641
Storm sewers	12,198	24,760	36,958	30,648	32,325	62,973
Tile drains, drainage ditches and open sewers ..	17,030	159,035	170,065	40,214	144,040	184,254
Fencing (excluding temporary snow fencing) .	3,560	12,644	16,204	4,788	8,639	13,427
Guard rails	2,732	12,800	15,532	3,650	7,806	11,456
Signs	5,833	15,586	21,419	19,690	26,202	45,892
Zone painting	1,505	18,800	20,305	3,074	16,859	19,933
Watermains and connections	905,929	655,931	1,561,860	1,374,697	866,257	2,240,954
Reservoirs	568	9,982	10,550	17,061	6,565	23,626
Street lighting	-	-	-	23,021	43,391	66,412
Sewers and connections	841,257	139,523	980,780	1,277,736	135,330	1,413,066
Pole or distribution lines, electric	96,729	76,967	173,686	72,841	110,459	183,300
Docks, wharves, piers and breakwaters	16,109	344,229	360,338	35,843	355,546	391,389

THE CONSTRUCTION INDUSTRY IN CANADA, 1947.

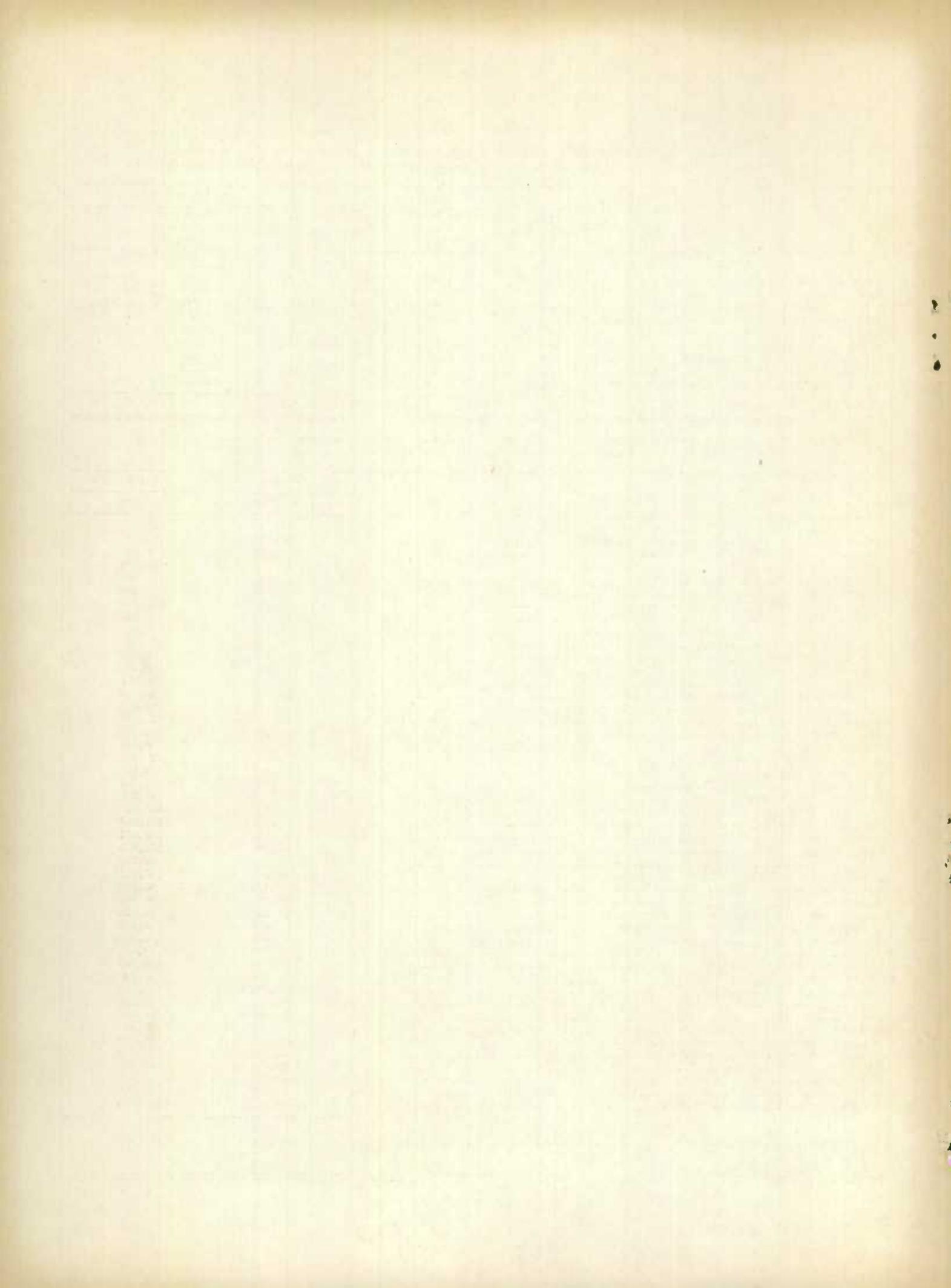
BRITISH COLUMBIA

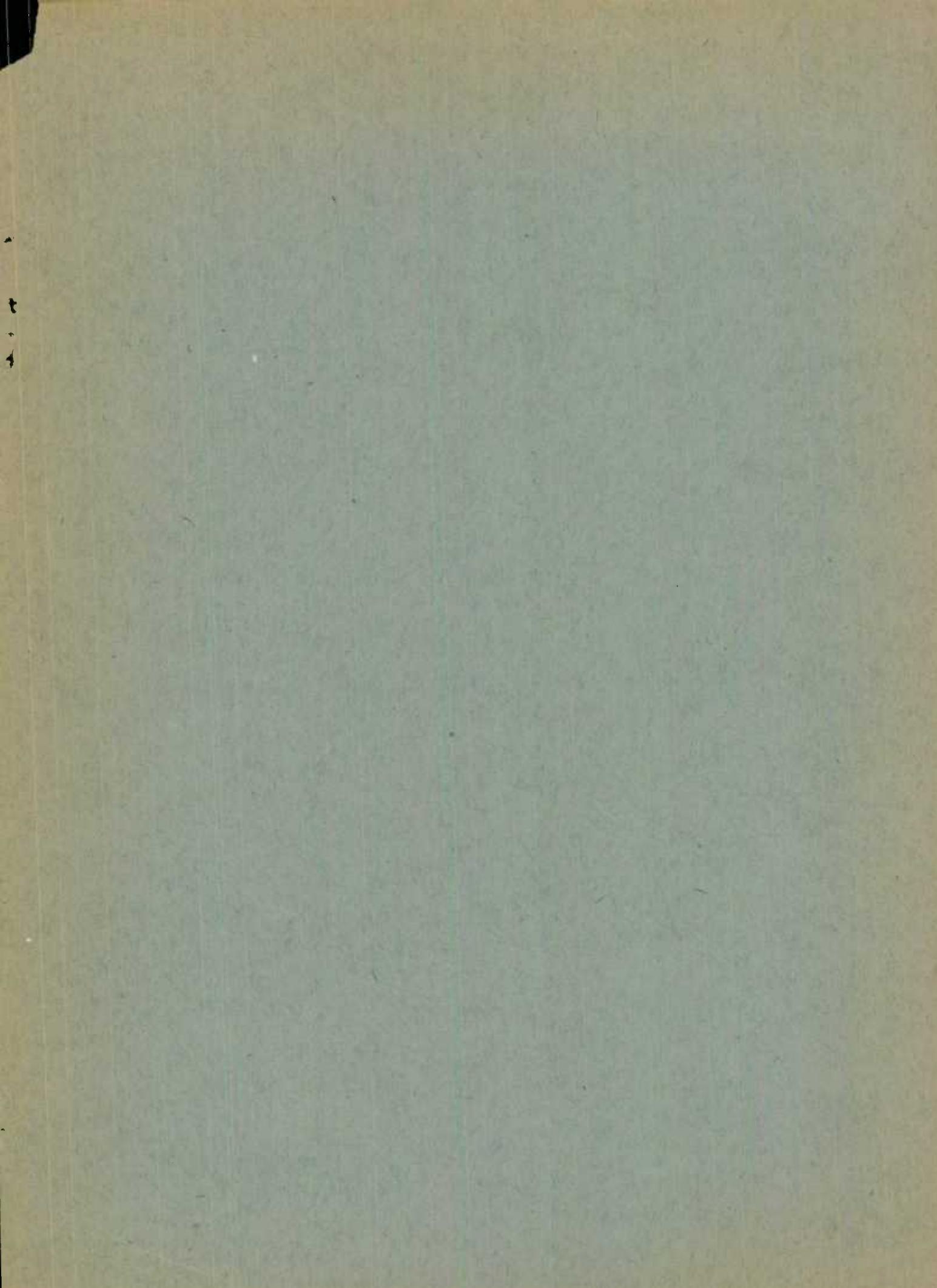
Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947. - Concluded.

	1946			1947		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Retaining walls and ripraping	\$ 38,230	51,585	89,815	\$ 8,758	233,193	241,951
Dredging	2,336	400,139	402,475	7,808	451,980	459,788
Water control or dams	4,863	13,043	17,896	136,510	2,782	139,292
Aerodromes or landing fields	11,271	1,688	12,959	18,674	4,109	22,783
Excavating	35,636	30,747	67,383	-	54,000	54,000
Park systems (including grounds and walks)	26,742	133,038	159,780	53,165	154,784	207,949
Railway (steam) construction work	-	58,250	58,250	-	71,853	71,853
Telephone and telegraph lines	62,031	21,391	83,422	19,329	78,121	97,450
Works, unable to specify	749,042	330,091	1,079,133	47,809	153,352	201,161
TOTAL VALUE OF WORK PERFORMED	4,761,370	7,936,282	12,697,652	9,070,343	8,921,581	17,991,924

Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1946 and 1947.

	1946	1947
	Cost Value	Cost Value
Lumber and timber, rough and dressed	\$ 443,213	1,101,785
Lumber and timber, creosoted or chemically treated	10,089	95,447
Piling, wood (including treated piling)	11,188	89,074
Piling, steel	132	518
Piling, other	1,635	754
Posts, wood	3,566	17,613
Posts, steel	11	286
Posts, other	3,179	7,599
Iron and steel shapes	26,192	184,259
Iron and steel forms	12,718	30,146
Iron and steel reinforcing	17,907	47,328
Hydrants	27,888	30,875
Manhole covers and frames	33,488	36,543
Pipe, metal	486,436	709,604
Pipe, concrete	193,354	242,176
Pipe, vitrified clay, etc.	156,229	194,187
Culverts	75,079	114,099
Hope or cable, wire	26,264	34,952
Hope, other	2,569	3,559
Wire netting or mesh	2,258	1,217
Electric light standards	4,931	14,626
Electrical supplies	145,440	265,611
Plumbing and shop supplies	48,466	103,241
Lead and lead pipe	11,822	39,071
Pipe fittings	82,175	170,925
Valves	73,324	92,794
Hardware	153,562	185,319
Paint and painters' supplies	106,827	89,799
Explosives	29,471	43,963
Fencing materials (not to include posts)	5,140	15,315
Guard rail materials (not to include posts)	1,015	8,645
Signs, metal	3,958	5,539
Brick	5,267	4,474
Stone, crushed and all other	78,294	146,788
Paving blocks	900	630
Gravel	198,272	880,418
Sand	46,537	35,323
Cement	118,586	184,965
Concrete, ready-mix	24,170	145,650
Bituminous materials (not including oil)	496,987	1,094,744
Calcium chloride, salt and other chemicals	16,821	34,222
Oil for road construction	90,508	61,927
Borrow pits, earth fill, cinders, etc.	35,391	39,326
Roofing materials	13,811	20,758
All other materials (unable to classify)	1,263,822	976,019
TOTAL COST OF MATERIALS USED	4,588,892	7,601,253





STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010766945