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Minister of Trade and Commerce.

DEC 27 1938

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

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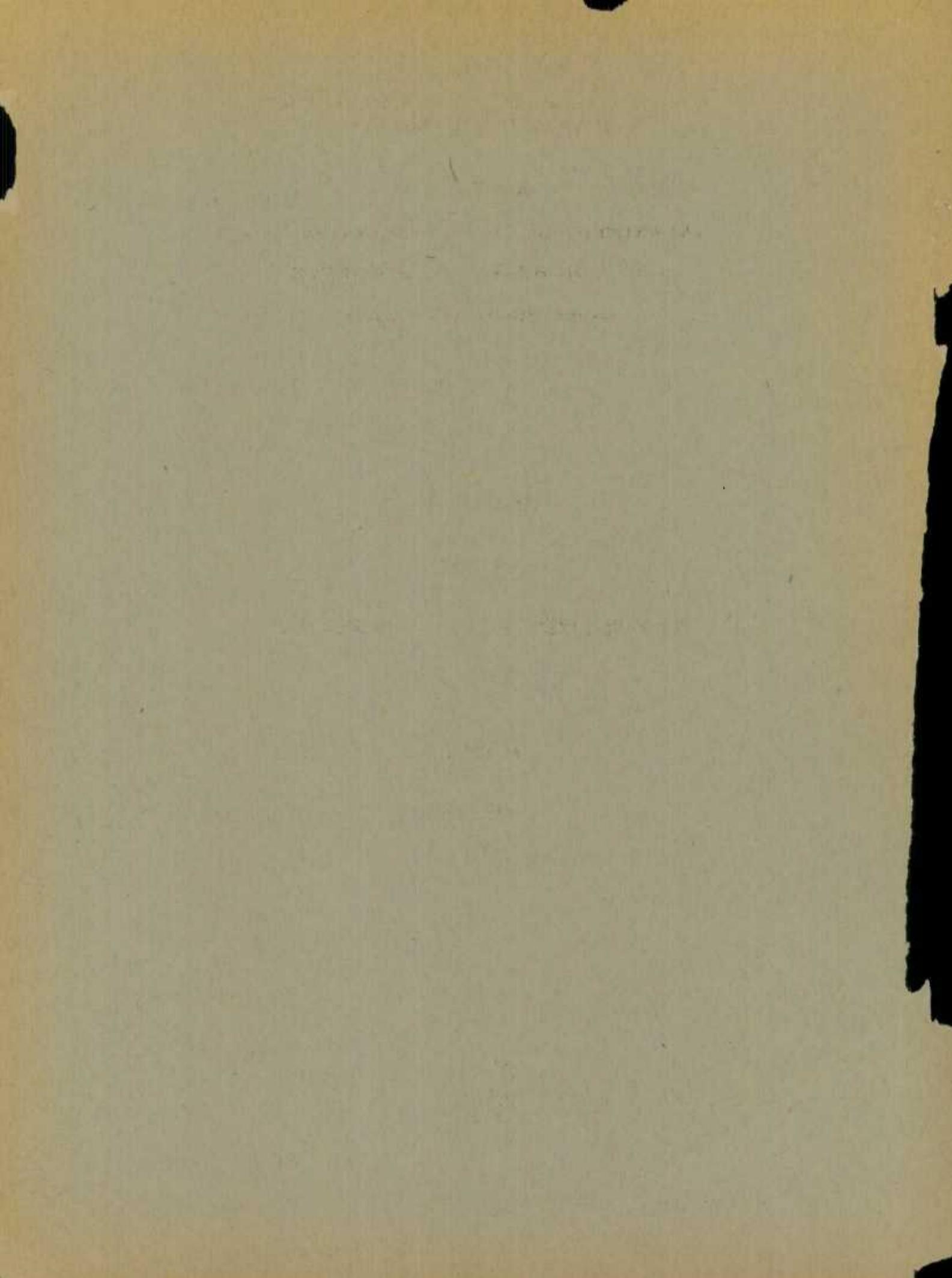
REPORT  
ON THE  
CONSTRUCTION INDUSTRY  
IN  
CANADA  
1937

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OTTAWA  
1938

Price 25 cents



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**DOMINION BUREAU OF STATISTICS**

**CONSTRUCTION BRANCH**

**OTTAWA**

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

Chief, Construction Branch, F. I. Tanner.

**THE CONSTRUCTION INDUSTRY IN CANADA 1937.**

The 1937 Survey of the Construction Industry in Canada is presented herewith, and it will be observed that substantial increases are shown in all values, costs, etc., in comparison with those for 1936.

The total value of work performed in 1937 amounted to \$351,874,114, an increase of \$93,833,714 or 36.4 per cent over the 1936 value. In 1937 new construction amounted to \$244,946,916, an increase of \$74,301,092 or 43.5 per cent, while alterations, maintenance and repairs totalled \$106,927,198, an increase of \$19,532,622 or 22.3 per cent.

The amount of work performed in 1937 by general, trade and subcontractors, builders, etc., was \$278,209,051, and in comparison with the 1936 value of \$196,737,443 it represents an increase of \$81,471,608 or 41.4 per cent. New construction amounted to \$205,335,133 in this year which represented an increase of \$63,532,489 or 44.8 per cent over the 1936 value of \$141,802,644. Alterations, maintenance and repairs by this group accounted for \$72,873,918 as against \$54,934,799 in 1936.

Upon referring to Tables No.4 and 6, it will be noted that building construction together with the building trades totalled \$178,554,764 in 1937 and of this, construction of new dwellings, duplexes and apartment houses amounted to \$32,030,118. Corresponding figures for 1936, were \$24,774,308. Factories, warehouses and storehouses also showed a large increase, the respective figures for new construction in 1937 and 1936 being \$25,664,592 and \$11,145,960.

In trade and subcontracting, plumbing, heating and sanitary engineering headed the list by a large margin, the 1937 value amounting to \$23,437,689 with that for 1936 being \$19,476,547. Structural steel work was next in line with a 1937 value of \$16,199,367 in comparison with the 1936 value of \$11,186,257. All figures referred to in this paragraph include repair work as well as new construction.

A detailed classification of all work performed in 1936 and 1937 is shown in Tables 6 to 9 inclusive. Table 6 contains a classification of all work performed in Canada, Table 7 work performed by general and trade contractors, including subcontractors, while Table 8 shows work performed by subcontractors only. Table 9 contains a combined classification of work undertaken and completed by municipalities, harbour commissions, and Provincial and Dominion Government departments.

By referring to Table 5 it will be noted that in 1937, 10,855 reports were received from general, trade and subcontractors, municipalities, harbour commissions and Provincial and Dominion Government departments and this represents an increase of 879 over the number received for 1936. 10,548 reports were received from general, trade and subcontractors; 235 from municipalities; while harbour commissions, Provincial and Dominion Government departments furnished 12, 17 and 43 respectively.

We again wish to state that we are greatly encouraged by the increasing co-operation and assistance we receive from the contractor and our considered opinion is that the statistics contained in this report represent a highly accurate picture of the construction industry as a whole.

We regret to report again however, that 1937 figures for Provincial Government Departments are not complete, as the following failed to respond:

Department of Public Works, Prince Edward Island  
Buildings Branch, Department of Public Works, New Brunswick  
Department of Public Works, British Columbia.

The provincial distribution of the 9,976 and 10,855 reports received in 1936 and 1937 respectively, is shown herewith:

	<u>1936</u>	<u>1937</u>
Prince Edward Island .....	29	38
Nova Scotia .....	365	408
New Brunswick .....	221	265
Quebec .....	1,996	2,354
Ontario .....	4,911	5,027
Manitoba .....	509	520
Saskatchewan .....	355	336
Alberta .....	497	552
British Columbia and Yukon .....	1,093	1,355

The value of capital invested in the construction industry in 1937 was \$176,971,223, which represented an increase of \$12,648,947 or 7.7 per cent over the value reported for 1936. General, trade and subcontractors accounted for \$143,347,454 in 1937 in comparison with \$132,449,927 for 1936. The respective amounts for municipalities, harbour boards and commissions, Provincial and Dominion Government departments may be observed by referring to Table 10.

Labour statistics showed a large increase for 1937. The average number of employees was 151,652, an increase of 9,302 persons over 1936. Salaries and wages paid in 1937 amounted to \$150,637,291, an increase over the 1936 amount by \$37,790,907 or 33.5 per cent. General, trade and subcontractors furnished employment to 96,865 persons and paid them \$107,456,462. This compares most favourably with the previous year when the number employed was only 76,932, and the salary and wage bill totalled \$75,341,968.

While actual employment by municipalities, harbour commissions, Provincial and Dominion Government departments showed a recession in 1937 as compared with 1936, salaries and wages paid were considerably higher as the following Table illustrates: -

	Salaried Employees and Wage-earners		Salaries and Wages Paid	
	1936	1937	1936	1937
	No.	No.	\$	\$
Municipalities .....	22,278	15,428	12,801,383	12,980,547
Harbour Commissions ...	1,131	804	1,194,788	921,671
Provincial Government Departments .....	32,253	34,430	17,531,905	25,247,393
Dominion Government Departments .....	9,350	4,125	5,976,340	4,031,214
Totals .....	65,512	54,787	37,504,416	43,180,825

The cost of materials consumed by the construction industry in 1937 amounted to \$175,344,435, which represented an increase of \$53,655,197 or 42.9 per cent over the 1936 cost of \$122,189,238. A statement of this cost is shown by groups and provinces in Table 11 and it will be observed that there was increased consumption in every province in comparison with the previous year. General, trade and subcontractors were naturally the largest consumers, their consumption for Canada as a whole amounting to \$151,804,667 in 1937 while for 1936 it was only \$104,809,637. A classified statement of the materials used by municipalities, harbour commissions, Provincial and Dominion Government departments is shown in Table 12.

Table 13 shows the average monthly employment of the five groups of wage-earners (excluding salaried employees) throughout Canada, together with the amount of their wages and the average wage per man per annum. It will be observed that in 1937 the average number of men employed was 129,221, while the average wage per man per annum was \$930. This compares favourably with the average employment in 1936 of 121,285 with an average wage of \$722. In 1937 the average employment by general, trade and subcontractors was 79,829 with an average wage of \$1,052. Municipalities employed 13,888 and paid an average of \$780; harbour commissions employed 670 persons with an average wage of \$1,004. The average employment by Provincial Government departments was 31,229 and their average wage \$680, while Dominion Government departments employed 3,605 men paying them an average of \$969. The average wage paid by all groups was considerably higher in 1937 than in 1936.

Table 14 illustrates employment of wage-earners and their remuneration by provinces in 1936 and 1937. It will be observed that average employment decreased in the Provinces of Prince Edward Island, New Brunswick, Manitoba, Saskatchewan and Alberta, while Nova Scotia, Quebec, Ontario and British Columbia and Yukon all showed increases, that in Quebec being substantial. For detailed particulars the reader is referred to the above mentioned table.

Table 15 shows the average monthly employment and remuneration of wage-earners engaged by general, trade and subcontractors, by provinces. It will be observed that while Ontario led with the largest average employment, 32,255 wage-earners, British Columbia with an average wage per man per annum of \$1,167 leads in that respect.

Table 16 furnishes similar information for municipalities, harbour commissions, Provincial and Dominion Government departments that Table 15 does for general, trade and subcontractors. In the case of these groups, however, the average wage is considerably lower than that paid by contractors. This is explainable, to some extent, by the fact that municipalities, etc., depend upon relief labour for a certain part of their construction operations, particularly maintenance of streets, highways etc., and it is

exceedingly difficult to arrive at a method of showing comprehensive and equitable remuneration for these relief workers.

In 1937, the month of highest employment of all wage-earners was September, with an average of 194,211. In 1936, August with 163,758 was the highest. February, 1937 with 58,046 was the month of minimum employment as against January, 1936 when the minimum was 71,807. Reverting to contractors, builders, etc., we find that in 1937, September led with an average employment of 117,460 while February with 37,639 wage-earners was the lowest. Corresponding figures in 1936, were September with 84,789 and February with 37,850.

Table 16 shows the principal statistics of nine of the larger cities, from a construction standpoint, for 1936 and 1937. It is understood, of course, that these values, costs, etc., do not represent construction work actually performed in the cities, but work by general, trade and subcontractors who were domiciled there. This Table also includes construction work actually performed by the cities with their own employees. The value of work performed by contractors, etc., located in these nine cities, represents 44.9 per cent of the total value of construction in 1937.

Table 18 represents the percentage variation in the principal statistics of the nine cities shown in Table 17.

It is not possible to make an adequate comparison between the value of work shown in this report, and the value of contracts awarded, or of building permits issued, for any given year. The costs have been computed, actual values are available and the values shown in this report represent work which has actually been performed. Furthermore, the values shown by us embrace many jobs which were not performed under contract, and include additions, alterations, maintenance and repairs as well as new construction. For that reason our figures must necessarily be greater than those of any agency which does not possess facilities enabling it to procure individual reports from contractors, builders, etc., as we do.

There is also another angle. A large contract may have been awarded in 1937, with the work it covers requiring several years to complete. In such cases the agency reporting the total of building permits or contracts awarded will show, quite properly, the full amount of the contract in the year in which such contract was awarded, whereas we in turn will show only the value of construction actually completed in that year, and this value may only represent one half, or one third, or one quarter of the total amount of the permit or contract.

It will be observed that, as in 1936, this report is divided into ten sections, the first one including and showing totals for Canada as a whole, while the remaining nine show similar totals for each province.

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THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

Table 1. - Actual Variations in the Principal Statistics of 1937 in comparison with 1936, by Provinces.

+ Denotes an increase.

- Denotes a decrease.

Provinces	Capital Invested	Employees	Salaries and Wages Paid	Cost of Materials	Value of Work Performed
	\$	No.	\$	\$	\$
Prince Edward Island .....	- 52,764	- 114	- 55,880	+ 52,709	- 61,693
Nova Scotia .....	+ 970,773	+ 595	+ 788,321	+ 2,041,897	+ 4,746,109
New Brunswick .....	+ 926,764	- 1,140	+ 352,221	+ 3,196,733	+ 5,574,893
Quebec .....	+ 5,022,108	+ 7,984	+ 20,176,882	+ 16,929,178	+ 33,558,644
Ontario .....	+ 5,375,783	+ 3,199	+ 13,175,652	+ 23,977,568	+ 40,091,894
Manitoba .....	- 2,082,269	- 1,117	- 412,625	+ 575,252	- 453,696
Saskatchewan .....	- 8,994	- 657	- 444,034	+ 241,268	+ 121,827
Alberta .....	+ 94,860	- 273	+ 610,230	+ 955,926	+ 1,587,034
British Columbia and Yukon .....	+ 2,412,696	+ 931	+ 3,600,140	+ 5,684,666	+ 8,668,702
CANADA .....	+ 12,648,947	+ 9,308	+ 37,790,907	+ 53,656,197	+ 93,833,714

Table 2. - Percentage Distribution of the Principal Statistics of 1937 in comparison with 1936, by Provinces.

Provinces	Capital Invested		Employees		Salaries and Wages Paid		Cost of Materials		Value of Work Performed	
	1936	1937	1936	1937	1936	1937	1936	1937	1936	1937
	%	%	%	%	%	%	%	%	%	%
Prince Edward Island .....	.1	.1	.3	.3	.3	.2	.3	.2	.3	.2
Nova Scotia .....	3.9	4.2	7.6	7.5	6.8	5.7	6.0	4.7	6.0	5.7
New Brunswick .....	4.1	4.3	5.8	4.7	5.2	4.2	3.9	4.5	4.7	5.0
Quebec .....	29.6	30.3	27.5	31.0	25.7	32.6	27.1	28.4	26.3	28.8
Ontario .....	44.7	44.6	38.4	38.1	41.4	39.7	42.3	43.7	42.0	42.2
Manitoba .....	5.1	3.6	4.5	3.5	5.1	3.5	5.0	3.8	5.0	3.6
Saskatchewan .....	2.3	2.1	4.4	3.7	3.4	2.3	2.6	3.0	3.2	2.4
Alberta .....	2.9	2.7	3.5	3.1	3.9	3.3	3.4	2.9	3.7	3.2
British Columbia and Yukon .....	7.3	8.1	8.0	8.1	8.2	8.5	9.4	9.8	8.8	8.9
CANADA .....	100.0	100.0	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, 1936 and 1937.

		1936	1937	Increase
Reports received .....	No.	5,976	10,855	879
Capital invested .....	\$	164,322,276	176,971,223	12,648,947
Salaried employees .....	No.	21,059	22,431	1,372
Salaries paid .....	\$	25,270,846	30,398,287	5,127,441
Wage-earning employees (average) .....	No.	121,285	129,221	7,936
Wages paid .....	\$	87,575,538	120,239,004	32,663,466
Total employees .....	No.	142,344	151,652	9,308
Total salaries and wages paid .....	\$	112,846,384	150,637,291	37,790,907
Cost of materials used .....	\$	122,189,238	175,844,435	53,655,197
Value of work performed:	\$	258,040,400	351,874,114	93,833,714
New construction (including subcontract work) .....	\$	170,645,824	244,946,916	74,301,092
Alterations, maintenance and repairs .....	\$	87,394,576	106,927,198	19,532,622
Subcontract work performed:	\$	35,710,083	46,975,118	11,265,035
New construction .....	\$	29,879,166	40,025,508	10,146,342
Alterations, maintenance and repairs .....	\$	5,730,917	6,949,610	1,218,693

THE CONSTRUCTION INDUSTRY IN CANADA, 1937

Table 4 . - Statement of the Construction

	CANADA	PROVINCES		
		Prince Edward Island	Nova Scotia	New Brunswick
Reports received .....	No.	10,855	38	408
Capital invested .....	\$	176,971,223	178,289	7,388,699
Salaried employees .....	No.	22,431	45	941
Salaries paid .....	\$	30,398,287	53,274	1,129,412
Wage-earning employees - Average	No.	129,221	337	10,468
Wages paid .....	\$	120,239,004	260,928	7,380,538
Average wage per man per annum .....	\$	930	774	705
Total employees .....	No.	151,652	382	11,409
Total salaries and wages paid .....	\$	150,637,291	314,202	8,509,950
Cost of materials used .....	\$	175,844,435	378,393	8,185,301
Value of work performed .....	\$	351,874,114	754,448	20,180,404
New construction .....	\$	244,946,916	458,164	13,679,735
Alterations, repairs, etc. ....	\$	106,927,198	296,284	6,500,669
Building Construction .....	\$	130,538,998	200,096	5,162,639
Residential .....	\$	40,675,617	67,174	1,873,983
Commercial and industrial .....	\$	69,550,058	59,125	2,283,468
Churches, institutions, etc. ....	\$	13,590,401	12,649	793,981
Other building .....	\$	6,722,922	61,148	211,207
Engineering, Harbours, Rivers, etc. ....	\$	173,319,350	483,626	13,871,918
Streets, highways, etc. ....	\$	93,320,022	292,905	9,853,121
Bridges, viaducts, etc. ....	\$	15,726,839	3,769	1,140,610
Watermains, sewers, etc. ....	\$	9,279,550	10,504	407,779
Dams, reservoirs, etc. ....	\$	1,904,123	-	109,447
Central electric stations and transmission lines .....	\$	24,582,530	16,900	922,166
Docks, wharves, piers, etc. ....	\$	9,362,133	155,351	834,884
All other engineering, etc. ....	\$	19,143,153	4,197	603,911
Building Trades, (jobbing) .....	\$	48,015,766	70,726	1,145,847
Electrical work .....	\$	5,224,308	12,846	104,328
Plumbing, heating and air conditioning .....	\$	16,977,428	55,760	605,502
Brick, masonry and concrete .....	\$	2,175,082	-	21,576
Carpentry and wood flooring .....	\$	1,450,444	2,000	41,491
Painting, decorating and glazing .....	\$	5,543,755	-	124,584
Lathing, plastering, stucco .....	\$	1,265,301	-	18,112
Sheet metal work and metal roofing .....	\$	4,117,714	-	60,623
Other roofing .....	\$	1,961,479	-	31,045
Other trades .....	\$	9,300,255	120	138,586

THE CONSTRUCTION INDUSTRY IN CANADA, 1937

Industry for Canada and by Provinces, in 1937.

PROVINCES					
Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
2,354	5,027	520	336	552	1,355
53,622,840	78,865,856	6,374,592	3,699,968	4,900,479	14,339,907
5,947	9,951	1,119	665	826	2,351
8,118,114	14,236,929	1,405,595	747,784	997,649	2,748,947
41,021	47,908	4,130	4,995	3,909	9,903
41,055,523	45,631,402	3,932,003	2,667,589	3,973,081	10,062,471
1,001	952	952	532	1,016	1,016
46,968	57,859	5,243	5,660	4,735	12,254
49,173,637	59,868,331	5,337,598	3,405,373	4,970,730	12,811,418
49,996,729	76,849,906	6,720,247	3,462,655	5,153,609	17,150,946
101,460,731	148,352,327	12,475,326	8,436,495	11,198,894	31,458,343
71,868,403	103,493,863	6,773,032	4,779,859	5,834,324	23,691,283
29,592,328	44,858,454	5,702,294	3,656,636	5,384,570	7,767,060
38,006,993	58,076,142	5,329,248	3,218,464	4,260,818	14,067,734
10,587,576	20,063,960	1,432,706	401,564	939,750	4,775,202
19,718,263	30,272,773	3,305,779	2,200,449	2,761,705	7,750,489
6,108,244	4,479,481	321,676	163,130	313,769	1,007,431
1,592,910	3,259,928	269,086	353,321	240,602	554,832
51,222,988	64,859,778	4,782,717	4,432,404	5,482,188	13,703,715
23,160,456	37,823,437	2,476,597	2,962,989	3,092,464	3,576,541
3,016,995	5,637,804	342,571	362,287	529,353	3,118,197
3,020,971	3,574,071	625,604	225,701	293,711	932,987
421,713	580,246	222,993	192,554	75,664	205,967
5,590,473	12,147,337	750,950	440,762	707,119	2,757,372
4,762,799	1,486,753	52,418	29,798	16,731	913,943
11,249,581	3,630,130	311,584	218,313	767,146	2,198,728
12,230,750	25,416,407	2,363,363	786,627	1,455,890	8,686,894
1,288,113	2,636,724	219,831	126,878	206,397	570,584
3,474,980	9,969,740	685,907	297,387	510,298	991,399
587,199	1,247,627	110,180	10,388	58,171	117,584
268,213	866,591	41,845	26,326	68,083	95,992
1,447,842	2,805,687	338,705	117,577	158,302	479,178
189,835	793,080	55,467	10,589	49,063	135,070
1,245,994	1,832,920	208,413	90,855	141,881	471,255
641,590	1,010,684	117,073	17,223	36,531	86,099
3,086,984	4,253,354	605,942	86,426	225,184	739,753

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

C A N A D A

Table 5. - Principal Statistics of the Construction Industry in Canada in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	9,666	132,449,927	76,832	75,841,968	104,809,637	141,802,644	54,934,799	196,737,443
Municipalities .....	228	14,720,019	22,278	12,801,383	5,103,036	6,443,157	12,194,729	18,637,886
Harbour Commissions ..	12	3,029,349	1,131	1,194,788	395,753	491,543	1,491,501	1,983,044
Provincial Government Departments .....	19	7,979,427	32,253	17,531,905	9,086,305	17,607,633	14,306,575	31,914,208
Dominion Government Departments .....	51	6,143,554	9,850	5,976,340	2,794,502	4,300,847	4,466,972	8,767,819
Totals .....	9,976	164,322,276	142,344	112,846,384	122,189,238	170,645,824	87,394,576	258,040,400
<u>1937</u>								
General and Trade Contractors and Subcontractors .....	10,548	143,347,454	95,865	107,456,466	151,804,667	205,335,133	72,873,918	278,209,061
Municipalities .....	235	15,358,378	15,428	12,980,547	5,965,292	6,976,348	13,151,975	20,128,323
Harbour Commissions ..	12	1,407,662	804	921,671	311,451	410,574	1,206,375	1,616,949
Provincial Government Departments .....	17	10,233,292	34,430	25,247,393	15,472,069	29,878,709	15,556,617	45,435,326
Dominion Government Departments .....	43	5,594,437	4,125	4,031,214	2,290,958	2,346,152	4,138,313	8,484,465
Totals .....	10,855	176,971,223	151,652	150,637,291	175,844,435	244,946,916	106,927,198	351,874,114

Table 6. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	17,526,140	4,649,277	22,175,417	23,386,161	5,845,153	29,231,314
Dwellings, semi-detached or double ..	1,762,388	458,126	2,220,514	1,901,166	826,924	2,728,090
Duplexes .....	2,467,291	373,195	2,840,487	2,328,754	562,218	2,890,972
Apartment houses .....	3,018,433	1,010,722	4,029,211	4,414,037	1,411,204	5,825,241
Hotels, clubs, restaurants, etc. ....	1,241,005	633,916	1,875,011	2,179,080	994,930	3,174,010
Churches and church halls .....	1,480,453	244,700	1,725,153	2,196,015	342,496	2,538,511
Hospitals and sanatoria .....	3,306,132	212,504	3,518,696	3,173,982	617,624	3,791,606
Schools, institutions, etc. ....	3,576,310	396,728	3,973,038	8,230,146	2,030,138	7,260,284
Office buildings .....	2,369,136	1,648,258	4,517,444	5,333,736	2,428,676	8,362,412
Stores .....	2,257,017	2,924,543	5,781,560	3,628,507	4,287,115	7,915,622
Theatres .....	1,635,784	255,083	1,890,867	1,389,511	276,232	1,665,743
Factories, warehouses and storehouses	11,145,360	8,060,552	17,206,512	25,664,592	10,317,998	35,982,590
Grain elevators .....	1,517,253	1,592,427	3,109,680	1,816,143	1,465,288	3,281,431
Garages .....	1,288,617	294,293	1,582,910	1,889,904	356,966	2,246,870
Service stations .....	642,571	1,160,011	1,802,582	964,330	1,157,815	2,122,145
Mine buildings .....	6,109,738	320,439	6,430,177	4,400,822	398,413	4,799,235
Farm buildings .....	545,449	231,614	777,063	965,664	378,645	1,344,309
Government and municipal buildings ..	10,975,920	1,815,813	12,791,733	-	-	-
Buildings, unable to specify .....	871,579	979,199	1,850,778	2,766,881	2,611,732	5,378,613

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

## CANADA

Table 6. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Continued.

	1936			1937		
	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 and highways .....	18,135,090	4,440,330	22,575,420	33,942,014	4,683,230	38,625,244
Gravel or stone surfaced streets and highways .....	16,288,664	9,010,548	25,299,212	19,794,827	10,119,680	29,914,507
Dirt or clay streets and highways ..	3,683,735	-	3,683,735	5,863,649	1,756,847	7,620,496
Grading, scraping, oiling, filling, etc .....	-	5,483,573	5,483,573	8,214,862	4,307,812	12,522,674
Sidewalks .....	417,588	738,374	1,155,962	663,539	591,715	1,255,254
Roadside maintenance and area improvement .....	89,237	1,345,300	1,434,537	309,821	1,817,814	2,127,635
Bridges, viaducts, etc. ....	6,748,261	1,508,368	8,256,629	10,731,717	1,619,661	12,351,378
Subways, overhead crossings, etc. ..	487,524	11,138	498,662	705,271	24,620	729,891
Culverts, all types .....	1,024,804	284,207	1,309,011	2,003,449	349,297	2,352,746
Watermains and connections .....	1,930,979	2,169,051	4,100,030	2,680,138	2,190,261	4,870,399
Sewers and connections .....	2,844,292	935,728	3,880,020	1,676,907	895,291	2,572,198
Storm sewers .....	-	-	-	976,750	85,293	1,062,043
Tile drains, drainage ditches and open sewers .....	422,485	225,101	647,586	295,973	233,480	529,453
Dams and reservoirs .....	1,011,944	122,176	1,134,120	1,376,170	527,953	1,904,123
Fencing (excluding temporary snow fencing) .....	( 292,640	76,822	369,562	842,535	48,445	890,980
Guard rails .....	{ 116,729	101,843	218,572	189,449	85,196	274,645
Signs .....	{ 5,817,345	2,865,441	8,682,786	11,849,040	155,144	86,991
Zone painting .....	{ 3,770,432	1,342,159	5,112,591	8,233,463	17,318	242,135
Electric stations, power plants, etc. ....	2,168,067	182,965	2,351,032	107,364	-	124,682
Transmission lines and towers .....	{ 346,653	361,829	708,482	2,357,410	274,573	2,631,983
Installation of boilers and machinery	{ 245,993	38,262	284,275	93,987	153,489	247,476
Railway (steam) construction work ..	{ 408,404	1,017,992	1,426,396	1,089,767	82,358	1,172,125
Railway (electric) construction work	{ 65,089	207,546	272,635	645,060	1,260,166	1,885,226
Aerodromes or landing fields .....	179,278	-	179,278	261,705	287,551	312,204
Park systems .....	2,476,457	2,151,547	4,628,004	6,325,083	-	261,705
Grounds and walks .....	Works, unable to specify .....			1,268,718		7,588,801
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	5,636,215	3,342,078	8,978,293	4,999,427	3,001,621	8,001,048
Retaining walls, embankments and ripraping .....	723,286	459,118	1,182,404	964,574	396,511	1,361,085
Canals and waterways .....	25,987	-	25,987	47,447	322,094	369,541
Dredging .....	3,465,134	932,225	4,397,359	3,103,121	1,561,193	4,654,314
Pile driving .....	62,562	63,339	125,901	225,045	33,345	258,390
Works, unable to specify .....	7,205	50,799	58,004	13,894	-	13,894
<u>Trade Construction</u>						
Air conditioning .....	68,322	-	68,322	418,455	196,185	613,650
Brick laying .....	699,371	227,018	926,389	442,741	462,415	903,156
Carpentry work .....	354,577	1,022,067	1,376,644	396,051	810,496	1,206,546
Commercial refrigeration .....	79,427	37,927	117,364	564,337	339,091	903,428
Concreting and cement work .....	740,999	351,832	1,092,831	543,473	424,156	967,629
Electrical work .....	1,847,954	2,519,625	4,367,579	1,949,565	3,274,743	5,224,308
Elevators, service .....	612,360	875,402	1,487,768	894,496	1,066,211	1,982,697
Excavating .....	542,652	84,086	626,738	804,230	383,349	1,187,579
Flooring, wood .....	59,480	139,892	199,372	71,053	172,845	243,898
Flooring, other .....	34,068	78,733	112,801	40,674	120,029	160,703
Glass and glazing .....	196,998	318,675	515,673	219,906	369,189	579,095

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Table 6. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<b>Trade Construction - concluded.</b>						
Lathing, plastering and stucco .....	456,777	560,006	1,016,783	639,743	625,673	1,265,421
Masonry and stone work .....	205,895	101,737	307,632	209,107	97,291	306,398
Ornamental iron work .....	264,199	93,218	357,407	210,578	87,519	298,097
Painting and decorating .....	748,715	3,766,662	4,515,377	642,766	4,321,894	4,964,660
Plumbing, heating and sanitary engineering .....	5,958,793	8,106,381	14,065,174	7,053,063	9,310,715	16,363,779
Roofing, sheet metal .....	238,606	675,776	914,382	305,285	771,401	1,076,686
Roofing, all other .....	275,900	977,336	1,253,238	561,231	1,400,248	1,961,479
Sheet metal work, other than roofing .....	972,308	1,479,156	2,451,484	1,357,959	1,683,069	3,041,028
Sprinkler installation .....	303,871	66,106	369,977	515,118	62,838	577,956
Structural steel work .....	915,037	21,593	936,630	1,571,488	81,062	1,652,550
Tiling, marble and terrazzo .....	317,026	301,406	618,432	344,248	398,780	743,026
Weatherstripping and insulation ..	264,949	266,036	530,985	231,631	451,750	683,381
Wrecking and demolition .....	-	310,703	310,709	-	226,237	226,287
Trades, unable to specify .....	656,033	283,817	939,850	57,088	823,240	880,328
<b>TOTAL VALUE OF WORK PERFORMED</b>	<b>170,645,324</b>	<b>87,394,576</b>	<b>258,040,400</b>	<b>244,946,916</b>	<b>106,927,198</b>	<b>351,874,114</b>

Table 7. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<b>Building Construction</b>						
Dwellings, single .....	17,470,317	4,602,407	22,072,724	23,345,730	5,732,400	29,128,130
Dwellings, semi-detached or double	1,762,388	458,126	2,220,514	1,301,166	826,924	2,728,090
Duplexes .....	2,467,291	373,196	2,840,487	2,328,754	562,218	2,690,978
Apartment houses .....	3,018,499	1,010,722	4,029,211	4,414,037	1,411,204	5,825,241
Hotels, clubs, restaurants, etc. .	1,241,095	633,916	1,875,011	2,179,080	994,930	3,174,010
Churches and church halls .....	1,480,453	244,700	1,725,153	2,196,015	342,496	2,638,511
Hospitals and sanatoria .....	3,306,192	212,504	3,518,696	3,027,693	567,112	3,594,805
Schools, institutions, etc. ....	3,576,310	396,728	3,973,038	5,160,150	1,956,041	7,116,191
Office buildings .....	2,656,717	1,096,969	3,782,686	5,682,277	1,828,814	7,511,091
Stores .....	2,857,017	2,924,543	5,781,560	3,628,507	4,287,115	7,915,622
Theatres .....	1,635,784	255,083	1,890,867	1,327,752	274,563	1,602,315
Factories, warehouses and store-houses .....	11,025,423	5,750,497	16,775,920	25,273,288	9,918,380	35,191,668
Grain elevators .....	1,486,953	1,319,749	2,806,702	1,816,143	1,233,038	3,054,181
Garages .....	1,240,393	234,516	1,474,899	1,810,745	336,783	2,147,528
Service stations .....	642,571	1,160,011	1,802,582	954,330	1,157,815	2,122,145
Mine buildings .....	6,109,738	320,439	6,430,177	4,400,822	398,413	4,739,235
Farm buildings .....	634,665	215,384	750,049	892,788	294,455	1,187,243
Government and municipal buildings	10,291,492	438,085	10,729,577	-	-	-
Buildings, unable to specify .....	871,579	979,199	1,850,778	2,293,261	1,742,886	4,036,147
<b>Engineering Construction</b>						
Hard surfaced or paved streets and highways .....	11,304,815	1,135,695	12,440,010	23,678,030	1,056,967	24,734,997
Gravel or stone surfaced streets and highways .....	{ 9,881,882	1,104,637	10,986,519	10,981,328	1,538,465	12,519,793
Dirt or clay streets and highways .....				2,311,928	97,970	2,409,898

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Table 7. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Continued.

	1936			1937		
	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. ....	-	-	-	4,988,521	253,176	5,241,697
Sidewalks .....	52,812	-	52,812	308,337	18,076	321,413
Bridges, viaducts, etc. ....	5,286,416	80,305	5,366,721	8,427,004	204,980	8,631,984
Subways, overhead crossings, etc. ....	350,130	-	330,130	222,432	-	222,432
Culverts, all types ....	234,679	28,764	263,443	517,321	33,198	550,519
Watermains and connections ....	651,315	43,052	694,367	1,448,032	78,644	1,526,676
Sewers and connections ....	1,639,404	29,985	1,669,389	1,094,462	48,368	1,142,823
Storm sewers ....	-	-	-	180,194	1,164	181,358
Open sewers or drains ....	226,602	-	226,602	-	-	-
Dams and reservoirs ....	953,476	96,661	1,050,137	1,249,080	361,494	1,610,574
Electric stations, power plants, etc. ....	5,317,345	2,885,441	8,682,786	11,347,543	3,120,303	14,967,846
Installation of boilers and machinery ....	2,168,067	182,965	2,351,032	-	-	-
Transmission lines and towers ....	3,569,501	798,205	4,367,706	7,991,557	767,681	8,759,188
Railway (steam) construction work. ....	305,091	36,759	341,850	2,357,410	73,097	2,430,507
Railway (electric) construction work ....	-	-	-	93,987	147,808	241,795
Aerodromes or landing fields ....	-	-	-	942,495	-	942,495
Park systems ....	80,969	-	80,969	-	-	-
Underground conduits ....	161,886	-	161,886	251,558	-	251,558
Engineering, unable to specify ....	602,602	622,115	1,224,717	6,078,125	550,264	6,623,389
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters ....	4,972,703	2,051,365	7,024,068	4,551,070	1,759,574	6,310,644
Retaining walls, embankments and riprappling ....	313,854	97,560	411,414	513,779	31,572	545,351
Canals and waterways ....	25,937	-	25,937	-	-	-
Dredging ....	3,026,724	470,122	3,496,846	2,319,289	1,144,446	4,085,735
Pile driving ....	62,562	63,339	125,901	225,045	33,345	258,390
Works, unable to specify ....	7,205	50,799	58,004	35,559	28,800	64,359
<u>Trade Construction</u>						
Air conditioning ....	68,322	-	68,322	418,455	195,195	613,650
Brick laying ....	699,371	227,018	926,389	442,741	452,415	905,156
Carpentry work ....	354,577	1,022,067	1,376,644	396,051	510,495	1,206,546
Commercial refrigeration ....	79,427	37,927	117,354	564,337	339,091	903,428
Concreting and cement work ....	740,999	351,832	1,092,831	543,473	424,156	967,629
Electrical work ....	1,847,954	2,519,625	4,367,579	1,949,565	3,274,743	5,224,308
Elevators, service ....	612,366	875,402	1,487,768	894,496	1,088,211	1,982,697
Excavating ....	148,009	3,209	151,308	243,483	22,474	265,937
Flooring, wood ....	59,480	139,892	199,372	71,053	172,845	243,398
Flooring, other ....	34,068	78,733	112,801	40,674	120,029	160,703
Glass and glazing ....	196,098	318,675	515,673	219,906	359,189	879,095
Lathing, plastering and stucco ....	458,777	560,006	1,018,783	639,743	625,678	1,265,421
Masonry and stone work ....	205,895	101,737	307,632	209,107	97,231	306,398
Ornamental iron work ....	264,139	95,218	357,407	210,578	97,519	295,097
Painting and decorating ....	748,715	3,732,569	4,481,284	642,766	4,321,894	4,964,660
Plumbing, heating and sanitary engineering ....	5,958,793	8,106,381	14,065,174	7,055,063	9,309,091	16,362,154
Roofing, sheet metal ....	238,608	675,776	914,382	305,285	771,401	1,076,686
Roofing, all other ....	275,900	977,336	1,253,236	561,231	1,400,248	1,961,479
Sheet metal work, other than roofing ....	972,308	1,479,156	2,451,464	1,357,959	1,683,069	3,041,028
Sprinkler installation ....	303,371	66,106	369,977	518,118	62,938	577,956
Structural steel work ....	915,037	21,593	936,630	1,571,488	91,062	1,652,550

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C A N A D A

Table 7. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Tiling, marble and terrazzo .....	317,026	301,406	618,432	344,248	398,780	743,028
Weatherstripping and insulation ...	264,949	266,036	530,985	231,631	451,750	683,381
Wrecking and demolition .....	-	310,709	310,709	-	226,287	226,287
Trades, unable to specify .....	656,033	203,817	939,850	57,088	823,240	880,328
TOTAL VALUE OF WORK PERFORMED ...	141,802,641	54,334,799	193,737,443	205,335,133	72,873,318	278,209,051

Table 8. - Description, Classification and Value of Work Performed in Canada by Subcontractors, in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Brick laying .....	516,653	104,240	620,893	309,345	51,500	360,845
Bridges, viaducts, etc. ....	186,718	-	186,718	803,601	130,134	933,735
Carpentry work .....	378,663	47,578	426,241	489,807	63,131	552,938
Commercial refrigeration .....	21,029	-	22,029	-	-	-
Concreting and cement work .....	921,376	114,296	935,672	1,029,964	96,824	1,126,788
Culverts .....	77,290	4,001	81,291	-	-	-
Electrical work .....	1,651,277	675,920	2,327,197	2,556,243	668,628	3,224,871
Elevators, service .....	1,035,866	-	1,035,866	424,630	19,718	444,356
Excavating .....	369,489	19,601	389,090	647,071	2,968	650,039
Flooring, wood .....	213,656	109,326	327,982	254,427	126,120	380,547
Flooring, other .....	83,359	16,590	99,949	247,142	87,739	334,881
Glass and glazing .....	766,679	513,496	1,281,575	1,164,395	625,784	1,790,179
Installation of boilers and machinery	287,711	12,588	300,269	-	-	-
Lathing, plastering and stucco .....	1,699,502	348,057	2,047,565	1,884,416	488,795	2,373,211
Masonry and stone work .....	648,626	10,000	658,626	625,641	117,380	743,021
Ornamental iron work .....	709,176	29,403	738,579	814,746	86,043	900,788
Painting and decorating .....	680,333	594,213	1,274,546	820,466	676,955	1,497,421
Plumbing, heating and sanitary engineering .....	4,385,130	1,026,243	5,411,373	5,530,927	1,542,984	7,073,911
Roofing, sheet metal .....	635,654	364,087	999,741	685,001	330,425	1,015,426
Roofing, all other .....	412,810	209,381	622,661	655,446	360,661	1,016,107
Sheet metal work (other than roofing)	644,541	243,641	885,482	1,319,695	390,305	1,709,990
Sprinkler installation .....	139,920	12,753	152,673	443,924	10,967	454,891
Structural steel work .....	10,107,423	142,204	10,249,627	14,179,119	368,198	14,547,317
Hard surfaced or paved streets and highways .....	260,764	12,332	273,096	{	-	-
Other streets and highways .....	240,531	-	240,531	{	346,578	32,616
Grading, scraping, clearing, filling, etc. ....	280,916	-	280,916	625,904	-	625,904
Tiling, marble and terrazzo .....	1,459,559	259,594	1,719,153	1,407,034	286,702	1,693,736
Weatherstripping and insulation .....	161,370	166,534	327,904	192,809	106,653	299,462
Wrecking and demolition .....	-	128,134	128,134	-	126,646	126,646
Dredging .....	689,684	-	689,684	433,371	-	433,371
Pile driving .....	119,966	-	119,966	65,386	-	65,586
Work, unable to specify .....	267,919	564,725	832,654	2,068,273	151,734	2,219,957
TOTAL VALUE OF WORK PERFORMED ....	29,979,166	5,730,917	35,710,083	40,025,508	6,949,610	46,975,118

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C A N A D A

Table 9. - Description, Classification and Value of Work Performed in Canada by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937			
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value	
Office buildings .....	\$ 182,469	551,289	733,758	251,459	599,862	851,321	
Warehouses or storehouses .....	120,537	310,055	430,592	391,304	399,618	790,922	
Garages .....	48,234	59,777	108,011	79,159	20,183	99,342	
Elevators, grain .....	30,300	272,678	302,978	-	227,250	227,250	
Residences .....	58,823	46,870	102,693	40,431	62,753	103,184	
Farm buildings .....	10,784	16,230	27,014	72,876	84,190	157,066	
Theatres .....	-	-	-	61,759	1,669	63,428	
Schools, institutions, etc., .....	-	-	-	69,996	74,097	144,093	
Hospitals and sanatoria .....	-	-	-	146,289	50,512	196,801	
All other buildings and structures ..	684,428	1,377,728	2,062,156	473,620	868,846	1,342,466	
Hard surfaced or paved streets and highways .....	6,830,775	3,304,635	10,135,410	10,263,984	3,626,263	13,890,247	
Gravel and stone surfaced streets and highways .....	6,406,782	7,905,911	14,312,693	8,813,499	8,581,215	17,394,714	
Dirt or clay streets and highways .....	3,683,735	-	3,683,735	3,551,721	1,658,877	5,210,698	
Grading, scraping, oiling, filling, etc. ....	-	5,482,253	5,482,253	3,226,341	4,054,636	7,280,977	
Sidewalks .....	364,776	738,374	1,103,150	355,202	578,639	933,841	
Roadside maintenance and area improvement .....	89,237	1,345,300	1,434,537	309,821	1,817,814	2,127,635	
Bridges and viaducts, all types .....	1,461,845	1,428,063	2,889,908	2,304,713	1,414,681	3,719,394	
Subways, overhead crossings, etc. ....	157,394	11,128	168,532	482,829	24,445	507,284	
Culverts, all types .....	752,151	235,424	987,575	{ 1,486,128	316,099	1,802,227	
Side entrance culverts .....	37,974	20,019	57,993	442,430	796,556	84,129	880,685
Storm sewers .....	381,667	81,763	463,430	796,556	84,129	880,685	
Tile drains, drainage ditches and open sewers .....	195,883	206,781	402,664	295,973	233,480	529,453	
Fencing (excluding temporary snow fencing) .....	213,103	29,429	242,532	792,186	44,010	836,196	
Guard rails .....	78,037	47,493	125,530	189,449	85,196	274,645	
Signs .....	101,021	68,705	169,726	155,144	86,991	242,135	
Zone painting .....	15,708	33,138	48,646	17,318	107,364	124,682	
Watermains and connections .....	1,279,164	2,125,999	3,405,163	1,232,106	2,111,617	3,343,723	
Reservoirs .....	-	-	-	48,429	61,669	110,098	
Sewers and connections .....	923,221	843,980	1,767,201	582,445	846,925	1,429,370	
Electric stations and power plants .....	-	-	-	1,497	18,685	20,162	
Pole or distribution line, electric .....	200,931	543,954	754,885	241,906	591,953	833,859	
Docks, wharves, piers, breakwaters .....	663,512	1,290,713	1,954,225	448,357	1,242,047	1,690,404	
Retaining walls and ripraping .....	409,432	361,558	770,990	450,795	364,939	815,734	
Canal reaches .....	-	-	-	20,451	27,323	47,774	
Canal locks .....	-	-	-	-	221,566	221,566	
Canal gates .....	-	-	-	5,331	44,405	49,736	
Water control or dams .....	-	-	-	78,661	104,780	183,451	
Aerodromes or landing fields .....	209,292	15,212	224,504	147,272	67,469	214,741	
Dredging .....	438,410	462,103	900,513	183,832	406,747	590,579	
Excavating .....	394,553	80,877	475,430	560,767	360,875	921,642	
Park systems .....	327,435	1,006,465	1,333,900	528,329	1,233,872	1,762,201	
Grounds and walks .....	65,088	207,546	272,635	24,653	287,581	312,204	
Railway (steam) construction work .....	33,082	257,801	290,883	-	201,476	201,476	
Railway (electric) construction work .....	-	-	-	-	5,681	5,681	
Dams and reservoirs .....	58,468	25,515	83,983	-	-	-	
Underground conduits .....	-	-	-	10,147	-	10,147	
Plumbing, heating and sanitary engineering .....	-	-	-	-	1,624	1,624	
Works, unable to specify .....	1,937,928	1,695,001	3,622,929	419,038	749,247	1,168,285	
TOTAL VALUE OF WORK PERFORMED ...	28,843,160	32,459,777	61,302,957	39,611,783	34,053,280	73,665,063	

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Table 10. - Capital Investment in the Construction Industry in Canada in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and repair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<b>1936</b>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	36,116,985	36,730,155	14,490,913	45,111,974	132,449,927
Municipalities .....	5,154,686	5,634,801	1,390,652	2,539,880	14,720,019
Harbour Commissions .....	467,718	2,124,005	437,626	-	3,029,349
Provincial Government Departments ...	1,416,341	4,995,978	543,497	1,023,611	7,979,427
Dominion Government Departments .....	1,134,874	2,625,933	2,382,747	-	6,143,554
<b>Totals</b> .....	<b>44,290,504</b>	<b>52,110,872</b>	<b>19,245,435</b>	<b>48,675,465</b>	<b>164,322,276</b>
<b>1937</b>					
General and Trade Contractors and Subcontractors .....	35,270,295	39,040,458	20,193,566	48,843,135	143,347,454
Municipalities .....	5,656,011	6,027,439	1,469,944	3,234,984	16,388,378
Harbour Commissions .....	476,530	609,093	322,039	-	1,407,662
Provincial Government Departments ...	1,484,547	5,514,698	496,027	2,738,020	10,233,292
Dominion Government Departments .....	1,398,066	3,634,395	561,976	-	5,594,437
<b>Totals</b> .....	<b>44,285,449</b>	<b>54,826,083</b>	<b>23,043,552</b>	<b>54,816,139</b>	<b>176,971,223</b>

Table 11. - Total Cost of Materials Used by the Construction Industry in Canada, by Groups and Provinces in 1936 and 1937.

	General and Trade Contractors and Subcontractors	Municipalities	Harbour Commissions, Provincial and Dominion Government Departments	Total Cost
<b>1936</b>	\$	\$	\$	\$
CANADA .....	104,809,637	5,038,219	12,341,382	122,189,238
Prince Edward Island .....	195,937	44	129,747	325,684
Nova Scotia .....	4,454,010	131,995	1,557,399	6,143,404
New Brunswick .....	3,603,598	123,962	1,022,356	4,749,916
Quebec .....	29,561,130	932,141	2,574,280	33,067,551
Ontario .....	45,482,825	2,576,278	4,813,435	52,872,538
Manitoba .....	5,019,171	263,274	872,560	6,144,995
Saskatchewan .....	2,795,693	123,842	301,852	3,221,387
Alberta .....	3,238,754	231,349	727,580	4,197,683
British Columbia and Yukon .....	10,458,719	665,378	342,183	11,466,260
<b>1937</b>				
CANADA .....	151,804,667	5,942,380	18,097,388	175,844,435
Prince Edward Island .....	292,741	44	85,652	378,393
Nova Scotia .....	6,350,702	183,938	1,650,661	8,185,301
New Brunswick .....	6,130,783	156,237	1,659,629	7,946,649
Quebec .....	45,266,282	1,054,192	3,676,255	49,996,729
Ontario .....	64,923,413	2,980,283	8,946,210	76,849,908
Manitoba .....	5,898,725	291,546	529,978	6,720,247
Saskatchewan .....	3,021,347	153,589	287,719	3,482,655
Alberta .....	4,001,916	252,708	898,986	5,153,609
British Columbia and Yukon .....	15,918,758	869,887	362,301	17,150,946

*H* Two reports only. Included in third column.

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Table 12. - Classified Statement of Materials Used by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in Canada, in 1936 and 1937.

	1936	1937
	Cost	Value
	\$	\$
Lumber and timber, rough and dressed .....	1,838,700	1,782,878
Lumber and timber, creosoted or chemically treated .....	515,216	749,925
Piling, wood (including treated piling) .....	121,510	77,319
Piling, steel .....	27,343	29,454
Filing, other .....	4,771	3,014
Posts, wood .....	84,562	143,483
Posts, steel .....	55,544	131,391
Posts, other .....	5,531	7,300
Iron and steel shapes .....	114,869	233,025
Iron and steel forms .....	36,983	24,286
Iron and steel reinforcing .....	327,777	664,359
Hydrants .....	58,235	48,624
Manhole covers and frames .....	58,510	56,740
Pipe, metal .....	681,355	1,025,925
Pipe, concrete .....	122,630	241,510
Pipe, vitrified clay, etc. .....	205,687	228,378
Culverts .....	193,607	371,154
Rope or cable, wire .....	61,081	68,879
Rope, other .....	20,898	16,721
Wire netting or mesh .....	27,419	14,126
Electric light standards .....	22,934	25,029
Electrical supplies .....	410,797	477,943
Plumbing and shop supplies .....	203,584	295,868
Lead and lead pipe .....	53,644	54,913
Pipe fittings .....	98,855	154,964
Valves .....	83,514	93,096
Hardware .....	799,702	756,594
Paint and painters' supplies .....	216,849	277,278
Explosives .....	187,766	194,223
Fencing materials (not to include posts) .....	131,983	296,749
Guard rail materials (not to include posts) .....	50,705	56,318
Signs, metal .....	57,915	100,020
Brick .....	68,656	63,723
Stone, crushed and all other .....	1,480,484	2,305,032
Paving blocks .....	18,916	17,896
Gravel .....	1,003,558	1,400,033
Sand .....	198,903	282,493
Cement .....	1,496,360	3,258,536
Concrete, ready-mix .....	72,126	101,819
Bituminous materials (not including oil) .....	2,500,995	4,821,160
Calcium chloride, salt and other chemicals .....	1,015,522	908,200
Oil, for road construction .....	510,906	524,290
Borrow pits, earth fill, cinders, etc. .....	78,582	93,374
All other materials (unable to classify) .....	2,051,137	1,637,926
 TOTAL COST OF MATERIALS USED .....	17,379,601	24,059,768

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Table 13. - Average Monthly Employment of Wage-earners and Their Remuneration by Groups in 1936 and 1937.

	General and Trade Contractors and Subcontractors	Municipalities	Harbour Commissions	Provincial Government Departments	Dominion Government Departments	Total
<u>1936</u>	No.	No.	No.	No.	No.	No.
January .....	39,162	18,206	790	10,406	3,243	71,807
February .....	37,850	21,074	953	10,344	2,928	73,149
March .....	40,731	21,624	918	13,511	3,278	80,062
April .....	46,771	21,231	1,180	22,614	16,088	107,864
May .....	59,262	20,770	1,060	32,585	9,103	123,080
June .....	68,759	22,367	1,082	39,468	7,463	139,139
July .....	76,517	23,440	1,063	49,522	7,762	158,304
August .....	84,117	22,244	1,106	46,734	9,497	163,758
September .....	84,789	21,265	1,083	41,281	10,308	158,726
October .....	84,626	21,499	1,069	43,558	9,628	160,420
November .....	70,239	18,210	843	30,821	7,209	128,322
December .....	52,141	17,783	800	15,609	4,461	90,794
Monthly Average .....	62,060	20,893	994	29,737	7,581	121,235
Amount of Wages Paid .....	\$55,083,188	\$10,898,557	\$924,184	\$14,800,940	\$5,068,669	\$87,575,538
Average Wage per man per annum .....	\$900	\$522	\$930	\$498	\$669	\$722
<u>1937</u>						
January .....	37,760	9,996	526	12,986	1,887	63,155
February .....	37,639	10,151	513	8,002	1,741	58,046
March .....	42,628	10,714	623	10,342	2,077	66,384
April .....	55,018	12,343	835	23,064	2,076	93,336
May .....	78,097	13,815	681	32,734	2,925	128,052
June .....	97,581	15,772	695	45,952	4,528	164,528
July .....	108,955	16,170	789	47,628	5,111	178,653
August .....	114,435	17,069	747	53,358	5,432	191,541
September .....	117,460	17,355	708	53,200	5,488	194,211
October .....	111,397	15,923	703	46,935	5,391	180,249
November .....	90,795	14,535	646	27,303	4,028	137,307
December .....	66,184	13,011	569	12,850	2,571	96,186
Monthly Average .....	79,829	13,288	670	31,229	3,605	129,221
Amount of Wages Paid .....	\$3,089,582	\$10,834,798	\$672,761	\$21,248,590	\$3,493,273	\$120,239,004
Average Wage per man per annum .....	\$1,052	\$780	\$1,004	\$680	\$969	\$930

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Table 14. - Average Monthly Employment of Wage-earners and Their Remuneration by Provinces in 1936 and 1937.

	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia & Yukon
<u>1936</u>	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	138	3,086	2,585	20,480	32,075	3,067	1,445	1,815	7,116
February .....	117	2,713	2,552	21,072	33,299	3,106	1,495	1,750	7,045
March .....	161	4,693	3,496	21,613	34,901	3,221	1,799	2,231	7,947
April .....	137	7,458	4,732	28,962	42,475	4,141	4,516	4,260	11,183
May .....	240	9,262	5,980	38,139	45,330	3,759	4,978	5,174	9,628
June .....	439	14,549	8,600	40,474	48,221	4,665	6,163	6,338	9,690
July .....	655	14,964	11,717	45,747	52,504	6,432	7,936	6,661	9,688
August .....	756	17,049	13,419	45,000	54,052	8,536	9,279	5,766	9,901
September .....	945	15,258	14,516	39,580	54,300	8,613	10,156	5,230	10,128
October .....	307	13,636	13,165	44,339	55,744	8,273	9,835	4,456	10,065
November .....	677	10,142	8,023	36,735	49,549	4,415	6,495	2,935	9,351
December .....	199	6,029	3,713	25,659	38,883	2,365	3,412	2,033	8,498
Monthly Average ...	448	9,953	7,708	33,983	45,110	5,216	5,626	4,054	9,187
Amount of Wages Paid .....	\$ 308,330	\$ 6,624,120	\$ 5,160,893	\$ 22,523,191	\$ 34,776,770	\$ 4,392,097	\$ 3,191,144	\$ 3,424,386	\$ 7,174,607
Average Wage per man per annum ...	\$688	\$666	\$670	\$663	\$771	\$842	\$567	\$845	\$781
<u>1937</u>									
January .....	65	3,206	3,248	22,856	22,931	1,817	1,169	1,319	6,544
February .....	69	2,794	2,969	18,862	21,817	1,224	1,277	1,364	7,070
March .....	51	4,139	3,484	20,340	24,305	2,291	1,252	1,751	8,771
April .....	85	7,897	4,196	30,315	33,395	2,682	2,843	2,812	9,111
May .....	187	12,047	6,785	40,280	46,699	3,799	3,604	4,217	10,434
June .....	490	19,101	8,800	50,050	58,925	4,572	5,405	5,959	11,226
July .....	575	16,872	10,193	55,227	62,720	6,189	6,711	6,328	11,838
August .....	629	17,755	10,187	60,054	66,520	6,205	11,956	6,327	11,908
September .....	719	15,411	10,060	59,342	75,735	6,486	9,062	5,702	11,694
October .....	683	11,297	8,618	55,336	73,830	6,829	7,902	5,175	10,579
November .....	372	10,096	6,025	46,580	52,121	4,282	4,172	3,570	10,109
December .....	113	4,994	4,037	32,935	36,005	2,578	2,586	2,383	9,554
Monthly Average ...	337	10,468	6,550	41,021	47,908	4,130	4,995	3,909	9,903
Amount of Wages Paid .....	\$ 260,928	\$ 7,380,538	\$ 5,285,469	\$ 41,055,523	\$ 45,631,402	\$ 3,932,003	\$ 2,657,589	\$ 3,973,081	\$ 10,062,471
Average Wage per man per annum ...	\$774	\$705	\$807	\$1,001	\$952	\$952	\$532	\$1,016	\$1,016

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Table 15. - Average Monthly Employment of Wage-earners in Canada, by General and Trade Contractors and Subcontractors and Their Remuneration, by Provinces in 1936 and 1937.

	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	CANADA
<u>1936</u>	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	60	1,676	781	10,691	10,125	2,444	697	783	2,905	39,162
February .....	57	1,371	713	10,418	10,409	2,616	772	712	2,782	37,650
March .....	116	1,684	769	11,148	10,400	2,384	828	1,005	3,389	40,731
April .....	48	2,801	929	13,216	21,251	2,086	984	1,372	3,954	46,771
May .....	60	4,612	1,308	16,986	26,076	2,570	1,535	1,072	4,241	59,282
June .....	206	6,464	3,130	19,984	27,445	3,084	1,828	1,982	4,626	60,759
July .....	336	7,362	5,313	22,477	27,961	3,834	2,164	2,119	4,951	76,617
August .....	328	7,878	6,686	23,329	32,439	4,067	2,047	2,130	5,213	84,117
September ...	287	7,093	6,989	22,725	33,881	4,120	2,213	2,017	5,464	84,789
October .....	365	5,731	6,390	23,506	36,102	4,199	1,920	1,763	5,680	84,626
November .....	161	3,977	4,011	20,884	31,150	2,849	1,186	1,289	4,932	70,239
December .....	42	2,996	1,638	15,488	24,016	1,885	798	1,012	4,333	52,140
Monthly Average	172	4,462	3,222	17,551	26,366	3,018	1,414	1,505	4,370	62,080
Amount of Wages Paid .....	\$ 139,477	\$ 3,760,637	\$ 2,404,609	\$ 14,183,615	\$ 25,442,232	\$ 2,690,936	\$ 1,171,749	\$ 1,345,918	\$ 4,744,015	\$ 55,883,188
Average Wage per man per annum .....	\$811	\$843	\$746	\$808	\$965	\$892	\$829	\$894	\$1,086	\$900
<u>1937</u>										
January .....	34	1,016	1,116	12,272	16,723	1,284	514	661	3,340	37,760
February .....	44	1,694	805	12,761	16,134	1,306	527	690	3,678	37,639
March .....	36	1,898	914	14,293	17,298	1,670	569	854	5,096	42,628
April .....	60	3,129	1,558	17,949	21,883	2,031	871	1,413	6,124	65,018
May .....	131	6,005	3,904	24,117	30,989	2,609	1,369	2,033	6,940	78,097
June .....	346	7,784	5,620	30,254	38,741	2,894	1,572	2,410	7,860	97,581
July .....	377	8,334	6,897	34,467	42,221	3,499	1,680	2,851	8,359	108,956
August .....	430	8,824	7,039	36,670	44,699	3,050	1,966	2,617	8,332	114,435
September ...	452	7,689	6,750	38,895	46,946	3,906	2,095	2,505	8,142	117,480
October .....	469	5,840	5,570	37,572	46,527	3,703	1,905	2,328	7,393	111,897
November .....	261	4,519	3,211	33,374	36,935	2,718	1,585	1,937	6,255	90,795
December .....	83	3,519	1,749	23,592	27,968	1,839	1,016	1,252	5,166	86,184
Monthly Average	227	5,088	3,769	26,352	32,255	2,617	1,326	1,803	6,390	79,829
Amount of Wages Paid .....	\$ 178,268	\$ 4,954,119	\$ 3,511,947	\$ 28,072,886	\$ 34,268,986	\$ 2,545,796	\$ 1,267,789	\$ 1,752,332	\$ 7,457,459	\$ 63,989,582
Average Wage per man per annum .....	\$785	\$974	\$932	\$1,068	\$1,062	\$973	\$947	\$972	\$1,167	\$1,052

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Table 16. - Average Monthly Employment of Wage-earners in Canada by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments, by Provinces, in 1936 and 1937.

	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia and Yukon	CANADA
<u>1936</u>	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	73	1,410	1,804	9,739	12,950	623	748	1,032	4,211	32,645
February .....	60	1,342	1,832	10,654	14,890	490	723	1,038	4,263	35,299
March .....	45	3,009	2,727	10,465	15,493	837	971	1,226	4,555	39,331
April .....	89	4,657	3,803	15,746	21,094	2,055	3,532	2,988	7,229	61,093
May .....	180	5,250	4,672	21,153	19,242	1,189	3,443	3,302	5,387	63,818
June .....	233	8,085	5,470	20,490	20,776	1,581	4,335	4,356	5,064	70,380
July .....	319	7,602	6,404	23,270	24,543	4,598	5,772	4,542	4,737	61,787
August .....	428	9,171	6,733	21,871	21,613	4,462	7,232	3,636	4,658	79,641
September .....	658	8,165	7,527	16,855	20,419	4,433	7,943	3,213	4,854	73,937
October .....	542	7,905	6,775	20,833	20,642	4,074	7,816	2,603	4,415	75,794
November .....	516	6,265	4,012	16,051	18,392	1,466	5,309	1,646	4,419	50,083
December .....	157	3,033	2,074	10,220	14,869	500	2,614	1,021	4,165	38,653
Monthly Average	275	5,491	4,487	16,432	18,744	2,198	4,212	2,649	4,817	59,205
Amount of Wages Paid .....	\$ 168,853	\$ 2,863,483	\$ 2,756,284	\$ 2,339,576	\$ 9,334,538	\$ 1,701,161	\$ 2,019,395	\$ 2,078,468	\$ 2,430,592	\$ 31,692,350
Average Wage per man per annum .....	\$ 614	\$ 523	\$ 614	\$ 508	\$ 498	\$ 774	\$ 490	\$ 815	\$ 605	\$ 535
<u>1937</u>										
January .....	31	1,390	2,132	10,684	6,108	533	655	658	3,204	25,395
February .....	25	1,100	2,164	6,101	5,683	518	750	674	3,392	20,407
March .....	15	2,241	2,570	6,047	7,007	621	693	897	3,675	23,756
April .....	25	4,768	2,638	12,366	11,512	651	1,972	1,399	2,967	38,318
May .....	56	6,042	2,861	16,163	15,710	1,120	2,235	2,184	3,494	49,955
June .....	144	11,317	3,180	19,796	20,184	1,678	3,733	3,549	3,366	66,947
July .....	198	8,538	3,196	20,760	20,499	2,690	6,861	3,477	3,479	69,698
August .....	199	8,931	3,148	23,376	21,821	2,355	9,990	3,710	3,576	77,106
September ....	267	7,722	3,310	20,447	28,789	2,580	6,967	3,117	3,552	76,751
October .....	214	5,457	3,046	17,764	27,303	3,036	5,997	2,847	3,186	68,852
November .....	111	5,579	2,814	13,184	16,186	1,564	2,567	1,633	3,854	46,512
December .....	30	1,475	2,238	9,343	8,037	739	1,570	1,131	4,388	29,001
Monthly Average	110	5,380	2,761	14,669	15,653	1,513	3,667	2,106	3,513	49,392
Amount of Wages Paid .....	\$ 82,660	\$ 2,426,419	\$ 1,773,522	\$ 12,982,637	\$ 11,372,416	\$ 1,386,207	\$ 1,399,800	\$ 2,220,749	\$ 2,605,012	\$ 36,249,422
Average Wage per man per annum .....	\$ 781	\$ 451	\$ 638	\$ 686	\$ 727	\$ 916	\$ 582	\$ 1,054	\$ 741	\$ 734

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

CANADA

Table 17. - Principal Statistics of General and Trade Contractors (including Subcontractors) located in Nine Cities of Canada, in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
Hamilton .....	343	7,052,506	2,446	2,738,025	3,985,391	5,493,173	1,908,705	7,401,878
London .....	195	1,723,408	1,114	1,175,285	1,323,707	1,845,472	856,869	2,702,341
Montreal .....	1,113	32,366,093	15,189	14,618,822	20,785,903	25,976,091	11,453,735	37,429,826
Ottawa .....	278	2,808,018	3,681	2,358,378	2,528,993	4,184,645	1,647,644	5,812,239
Quebec .....	192	3,086,273	2,008	1,705,739	2,420,966	2,822,883	1,696,549	4,519,432
Toronto .....	1,717	25,681,079	16,142	17,020,218	18,155,849	28,233,156	12,347,541	40,580,697
Vancouver .....	567	6,265,726	4,304	3,974,265	5,065,270	6,727,763	2,705,574	9,433,337
Victoria .....	174	1,008,078	831	722,610	837,287	1,136,921	542,411	1,679,332
Winnipeg .....	375	4,709,709	3,646	3,575,114	4,113,298	5,493,216	3,172,660	8,665,878
Totals .....	4,954	85,201,690	49,361	47,387,956	59,214,164	61,893,822	36,331,688	118,225,010
<u>1937</u>								
Hamilton .....	331	7,658,469	3,206	3,795,650	5,077,942	6,616,852	2,345,874	8,892,726
London .....	196	1,711,624	1,182	1,277,217	1,378,100	1,891,740	1,177,114	2,868,854
Montreal .....	1,213	33,665,130	19,849	20,505,802	26,916,312	36,037,872	13,099,739	49,127,611
Ottawa .....	303	3,557,724	2,397	2,629,696	2,810,447	3,306,133	2,323,137	6,289,270
Quebec .....	204	3,268,719	2,414	1,996,503	2,510,818	2,834,061	1,935,871	4,769,332
Toronto .....	1,712	30,644,506	19,029	23,114,767	29,252,296	43,564,226	16,113,911	59,678,137
Vancouver .....	699	7,270,443	5,090	5,834,021	8,863,169	11,916,516	3,497,524	15,414,040
Victoria .....	179	1,134,543	855	868,644	1,196,495	1,317,341	808,860	2,126,201
Winnipeg .....	374	4,413,216	3,346	3,471,091	4,955,539	4,580,348	4,154,688	8,735,036
Totals .....	5,211	93,364,374	57,368	63,498,191	82,961,088	112,595,089	45,506,718	157,901,307

Table 18. - Percentage Variation in Principal Statistics of the Above Nine Cities in 1936 and 1937.

	Reports Received	Capital Invested	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
						New Construction	Alterations Maintenance and Repairs	Total Value
	%	%	%	%	%	%	%	%
Hamilton .....	- 3.5	+ 8.6	+ 31.0	+ 38.6	+ 27.4	+ 19.2	+ 22.9	+ 20.1
London .....	+ .5	- .7	+ 6.1	+ 8.7	+ 4.1	- 8.3	+ 37.4	+ 6.2
Montreal .....	+ 9.0	+ 2.5	+ 20.1	+ 40.3	+ 29.5	+ 38.7	+ 14.3	+ 31.3
Ottawa .....	+ 9.0	+ 6.7	- 34.9 <sup>ff</sup>	+ 11.6	+ 11.1	- 6.2	+ 44.6	+ 8.2
Quebec .....	+ 6.2	+ 6.6	+ 20.2	+ 17.0	+ 3.7	+ .4	+ 14.1	+ 5.5
Toronto .....	- .3	+ 19.3	+ 17.9	+ 35.9	+ 61.1	+ 54.3	+ 30.5	+ 47.1
Vancouver .....	+ 23.3	+ 16.0	+ 18.2	+ 46.8	+ 75.0	+ 77.1	+ 29.3	+ 63.4
Victoria .....	+ 2.3	+ 12.4	+ 2.9	+ 20.1	+ 42.9	+ 15.9	+ 49.1	+ 26.6
Winnipeg .....	- .3	- 6.8	- 2.2	- 3.0	+ 20.5	- 15.6	+ 30.9	+ .8
Total .....	+ 5.1	+ 9.6	+ 16.2	+ 32.6	+ 40.1	+ 37.2	+ 25.3	+ 33.6

<sup>ff</sup> Represented by relief workers engaged in construction, in 1936.

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

PRINCE EDWARD ISLAND

Table 19. - Principal Statistics of the Construction Industry in Prince Edward Island in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	22	193,014	208	180,207	196,937	386,724	79,381	466,105
Municipalities and Dominion Government Departments .....	7	38,039	288	189,875	129,747	143,573	206,463	350,036
Totals .....	29	231,053	496	370,082	325,684	530,297	285,844	816,141
<u>1937</u>								
General and Trade Contractors and Subcontractors .....	31	125,483	258	211,934	292,741	377,776	189,706	567,482
Municipalities and Dominion Government Departments .....	7	52,806	124	102,268	85,652	80,388	106,578	186,966
Totals .....	38	178,289	382	314,202	378,393	458,164	296,284	754,448

Table 20. - Description, Classification and Value of Work Performed in Prince Edward Island by General and Trade Contractors (including Subcontractors), Municipal and Dominion Government Departments, in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	53,209	5,088	58,297	37,316	11,198	48,514
Office buildings .....	-	14,554	14,554	-	27,447	27,447
Factories, warehouses and storehouses .....	-	-	-	7,714	5,392	13,106
Farm buildings .....	-	-	-	1,200	1,554	2,754
All other buildings .....	58,928	33,813	92,741	39,321	68,954	108,275
<u>Engineering Construction</u>						
Hard surfaced or paved roads ...	317,499	-	317,499	275,785	-	275,785
Grading, scraping, oiling, filling, etc. ....	-	36,863	36,863	5,722	5,098	10,820
Sidewalks .....	-	-	-	3,710	-	3,710
Culverts .....	-	-	-	3,769	-	3,769
Storm sewers .....	-	-	-	10,504	-	10,504
Fencing (excluding temporary snow fencing) .....	-	-	-	2,340	-	2,340
Park systems .....	-	-	-	1,500	480	1,980
All other engineering .....	5,130	13,474	20,604	16,900	388	17,288
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers, breakwaters .....	34,352	72,013	106,365	25,756	125,660	151,416
Retaining walls, embankments and ripraping .....	36,188	-	36,188	3,935	-	3,935
Dredging .....	-	83,564	83,564	-	-	-
All other work .....	-	-	-	-	2,079	2,079
<u>Trade Construction</u>						
Plumbing, heating and sanitary engineering .....	-	21,301	21,301	13,860	41,900	55,760
All other trades .....	24,991	3,174	28,165	8,832	6,134	14,966
TOTAL VALUE OF WORK PERFORMED .	530,297	285,844	816,141	458,164	296,284	754,448

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.  
PRINCE EDWARD ISLAND

Table 21. - Description, Classification and Value of Work Performed in Prince Edward Island by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings .....	53,209	5,088	58,297	37,316	10,568	47,884
All other buildings .....	53,888	26,953	80,841	40,361	84,801	125,162
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	254,512	-	254,512	230,507	-	230,507
All other engineering .....	124	9,641	9,765	16,900	-	16,900
<u>Harbours, Rivers, etc.</u>						
All works .....	-	13,224	13,224	-	46,303	46,303
<u>Trade Construction</u>						
Plumbing, heating and sanitary engineering .....	-	21,301	21,301	13,860	41,900	55,760
All other trades .....	24,991	3,174	28,165	8,832	6,134	14,966
TOTAL VALUE OF WORK PERFORMED ...	386,724	79,381	466,105	377,776	189,706	567,482

Table 22. - Description, Classification and Value of Work Performed by Subcontractors in Prince Edward Island, in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
TOTAL VALUE OF WORK PERFORMED (unable to specify) .....	\$	\$	\$	\$	\$	\$
	2,012	4,830	6,842	701	1,876	2,577

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipal and Dominion Government Departments, in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	\$	\$	\$	\$	\$	\$
Warehouses or storehouses .....	-	13,739	13,739	-	12,273	12,273
All other buildings .....	5,040	7,675	12,715	5,089	2,608	7,697
Farm buildings .....	-	-	-	1,585	2,625	4,210
Residences .....	-	-	-	1,200	1,040	2,240
Hard surfaced or paved roads and streets .....	62,987	-	62,987	15,278	-	15,278
Grading, scraping, oiling, filling, etc. .....	-	36,863	36,863	5,722	5,098	10,820
Sidewalks .....	-	-	-	3,710	-	3,710
Culverts .....	-	-	-	3,769	-	3,769
Storm sewers .....	-	-	-	10,504	-	10,504
Fencing (excluding temporary snow fencing) .....	-	-	-	2,340	-	2,340
Docks, wharves, piers, breakwaters ..	34,352	72,013	106,365	25,756	81,436	107,192
Retaining walls and ripraping .....	36,188	-	36,188	3,935	-	3,935
Dredging .....	-	70,340	70,340	-	-	-
Park systems .....	-	-	-	1,500	480	1,980
All other work performed .....	5,006	5,833	10,839	-	388	388
TOTAL VALUE OF WORK PERFORMED ...	143,573	206,463	350,036	80,388	106,578	186,968

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

PRINCE EDWARD ISLAND

Table 24. - Cost of Materials Used by Municipal and Dominion Government Departments in Prince Edward Island, in 1936 and 1937.

	1936	1937
	Cost Value	Cost Value
Lumber and timber, rough and dressed .....	\$ 46,222	\$ 31,114
Lumber and timber, creosoted or chemically treated .....	2,156	2,198
Piling, wood (including treated piling) .....	-	5,109
Posts, .....	-	2,340
Manhole covers and frames .....	-	802
Pipe, concrete .....	1,926	-
Pipe, vitrified clay, etc. .....	4,691	4,032
Electrical supplies .....	-	933
Hardware .....	12,154	9,244
Paint and painters' supplies .....	1,776	987
Stone, crushed and all other .....	7,024	10,118
Gravel .....	10,783	2,638
Sand .....	4,080	981
Cement .....	17,477	3,384
Concrete, ready mix .....	-	600
Bituminous materials (not including oil) .....	7,055	-
Oil, for road construction .....	-	997
Borrow pits, earth fill, cinders, etc. .....	-	749
All other materials .....	14,402	9,428
TOTAL COST OF MATERIALS .....	129,747	85,652

Table 25. - Capital Investment in the Construction Industry in Prince Edward Island, in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	28,100	63,173	25,817	75,924	193,014
Municipalities and Dominion Government Departments ....	5,575	15,450	2,160	14,864	38,039
Totals .....	33,675	78,623	27,977	90,778	231,063
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	24,475	22,797	27,910	50,301	125,483
Municipalities and Dominion Government Departments ....	10,600	36,959	4,893	454	52,806
Totals .....	34,975	59,756	32,803	50,755	178,289

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

NOVA SCOTIA

Table 26. - Principal Statistics of the Construction Industry in Nova Scotia in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	345	4,430,838	4,912	4,359,614	4,454,010	8,208,151	2,273,031	10,481,182
Municipalities .....	12	392,537	819	331,414	131,995	87,840	341,115	428,956
Harbour Commissions, Provincial and Dominion Government Departments .....	8	1,592,551	5,083	3,030,601	1,557,399	1,938,255	2,585,903	4,524,158
Totals .....	365	6,415,926	10,814	7,721,629	6,143,404	10,234,246	6,200,049	18,434,295
<u>1937</u>								
General and Trade Contractors and Subcontractors .....	388	5,053,029	5,604	5,668,847	6,350,702	10,713,998	3,479,958	14,193,956
Municipalities .....	13	377,106	484	421,463	183,938	176,668	452,146	628,814
Harbour Commissions, Provincial and Dominion Government Departments .....	7	1,956,564	5,321	2,419,640	1,650,661	2,789,069	2,568,565	5,357,634
Totals .....	408	7,386,699	11,409	8,509,950	8,185,301	13,679,735	6,500,669	20,180,404

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, and Provincial and Dominion Government Departments, in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	835,100	303,298	1,138,398	1,293,547	401,282	1,694,829
Dwellings, semi-detached or double .....	-	16,982	16,982	23,355	20,653	44,008
Apartment houses .....	-	33,704	33,704	51,445	64,401	115,846
Hotels, clubs, restaurants, etc. ....	-	20,494	20,494	180,500	20,139	200,639
Churches and church halls .....	-	10,584	10,584	-	-	-
Hospitals and sanatoria .....	-	20,881	20,881	-	35,804	35,804
Schools and institutions .....	-	40,552	40,552	489,015	-	489,015
Office buildings .....	-	63,349	63,349	125,438	86,150	211,588
Stores .....	61,686	86,498	148,184	219,013	115,722	334,735
Theatres .....	101,350	1,092	102,442	122,480	-	122,480
Factories and warehouses .....	191,204	659,783	850,987	323,734	685,167	1,008,901
Grain elevators .....	-	12,637	12,637	-	13,124	13,124
Garages .....	10,516	-	10,516	-	1,940	1,940
Service stations .....	12,104	-	12,104	64,224	91,102	155,326
Government and municipal buildings .....	-	20,687	20,687	-	-	-
Farm buildings .....	-	-	-	12,594	2,485	15,079
All other buildings .....	1,957,608	128,047	2,085,655	318,012	401,313	719,325
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	3,871,339	188,718	4,060,057	5,093,157	239,398	5,332,555
Gravel or stone surfaced roads .....	1,274,104	1,872,734	3,146,838	1,475,841	1,524,140	2,999,981
Dirt or clay roads .....	55,000	-	55,000	301,702	548,481	850,183
Grading, scraping, oiling, filling, etc. ....	-	101,283	101,283	-	91,786	91,786
Sidewalks .....	-	9,223	9,223	-	13,989	13,989
Roadside maintenance and area improvement .....	-	11,158	11,158	-	3,967	3,967
Bridges, viaducts, all types .....	524,131	254,375	778,506	831,973	245,394	1,077,367
Subways and overhead crossings .....	35,609	-	35,609	-	-	-
Culverts .....	85,467	2,640	88,107	42,679	1,084	43,763
Watermains, waterworks systems and connections .....	36,982	118,138	155,118	86,785	143,082	229,867
Sewers, sewage disposal works and connections .....	32,630	15,245	47,875	64,270	16,703	80,973
Storm sewers .....	-	-	-	-	1,575	1,575
Tile drains, drainage ditches and open sewers .....	-	-	-	94,045	1,319	95,364

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

## NOVA SCOTIA

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, and Provincial and Dominion Government Departments, in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction (concluded)</u>	\$	\$	\$	\$	\$	\$
Fencing (excluding temporary snow fencing) .....	-	-	-	23,500	811	24,311
Guard rails .....	-	-	-	10,000	-	10,000
Signs .....	-	-	-	1,600	759	2,359
Zone painting .....	-	-	-	-	15,374	15,374
Transmission lines and towers .....	-	26,551	26,551	-	50,600	50,600
Aerodromes or landing fields .....	6,602	294	6,896	-	2,430	2,430
Park systems .....	-	11,756	11,756	-	1,753	1,753
All other engineering .....	357,292	112,072	469,364	1,370,367	342,986	1,713,353
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	276,731	442,395	719,126	252,848	544,474	797,322
Retaining walls, embankments and rip-rapping .....	5,196	14,148	19,344	-	11,135	11,135
Dredging .....	157,768	31,889	249,657	272,278	71,729	344,007
All other works .....	23,762	-	23,762	46,872	31,082	77,904
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	22,802	2,521	25,323
Brick laying .....	5,667	6,209	11,876	6,170	6,699	12,869
Carpentry work .....	12,241	42,084	54,325	-	37,566	37,566
Concreting and cement work .....	12,233	-	12,233	3,325	-	3,325
Electrical work .....	8,992	34,774	43,766	38,320	66,008	104,328
Excavating .....	12,441	-	12,441	-	-	-
Lathing, plastering and stucco .....	2,173	2,610	4,983	7,405	10,707	18,112
Painting and decorating .....	6,388	68,481	74,869	8,022	86,931	94,953
Plumbing, heating and sanitary engineering .....	200,597	269,432	470,029	240,577	339,602	560,179
Roofing, sheet metal .....	{ 2,800	21,260	24,060	-	9,796	9,796
Roofing, all other .....	{ -	6,720	6,720	-	21,492	21,492
Sheet metal work other than roofing .....	-	-	-	22,070	23,257	45,327
Weatherstripping and insulation .....	-	-	-	-	897	897
All other trades .....	58,533	57,074	115,607	139,770	51,910	191,680
TOTAL VALUE OF WORK PERFORMED ..	10,234,246	5,200,049	15,434,295	13,679,735	6,500,669	20,180,404

Table 28. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	805,668	291,508	1,097,176	1,290,995	395,123	1,686,118
Dwellings, semi-detached or double ..	-	16,982	16,982	23,355	20,653	44,008
Apartment houses .....	-	33,704	33,704	51,445	64,401	115,846
Hotels, clubs and restaurants, etc. .	-	20,494	20,494	180,500	20,139	200,639
Churches and church halls .....	-	10,584	10,584	-	-	-
Hospitals and sanatoria .....	-	20,581	20,581	-	35,804	35,804
Schools, institutions, etc. ....	-	40,582	40,582	429,015	-	469,015
Office buildings .....	-	61,297	61,297	125,438	78,233	203,671
Stores .....	61,686	86,498	148,184	219,013	115,722	334,735
Theatres .....	101,350	1,092	102,442	122,480	-	122,480
Factories, warehouses and storehouses. ....	179,486	-	179,486	251,685	-	251,685
Garages .....	10,516	-	10,516	-	1,640	1,640
Service stations .....	12,104	-	12,104	64,224	91,102	155,326
Government and municipal buildings ..	-	13,739	13,739	-	-	-
Farm buildings .....	-	-	-	12,003	2,366	14,369
All other buildings .....	1,923,984	618,644	2,542,628	290,890	937,434	1,228,324
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	3,247,941	-	3,247,941	4,288,578	-	4,288,578
Gravel or stone surfaced roads .....	583,938	-	583,938	924,803	-	924,803
Bridges, viaducts, all types .....	-	-	-	98,844	-	98,844
Culverts .....	58,863	-	58,863	-	-	-
All other engineering .....	571,772	444,897	1,016,669	1,332,871	751,229	2,084,100

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Table 28. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and break-waters .....	157,387	88,481	245,868	149,178	258,130	407,305
Dredging .....	157,768	-	157,768	267,978	-	267,978
All other works .....	24,788	14,834	39,622	44,112	50,596	94,708
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	22,802	2,521	25,323
Brick laying .....	5,667	6,209	11,876	6,170	6,699	12,869
Carpentry work .....	12,241	42,084	54,325	-	37,566	37,566
Concreting and cement work .....	12,233	-	12,233	3,325	-	3,325
Electrical work .....	8,992	34,774	43,766	38,320	66,008	104,328
Lathing, plastering and stucco .....	2,173	2,810	4,983	7,405	10,707	18,112
Painting and decorating .....	6,388	68,481	74,869	8,022	86,931	94,953
Plumbing, heating and sanitary engineering .....	200,597	269,432	470,029	240,677	339,602	580,179
Roofing, sheet metal .....	-	-	-	-	9,796	9,796
Roofing, all other .....	2,800	21,260	24,060	-	21,492	21,492
Sheet metal work, other than roofing .....	-	6,720	6,720	22,070	23,257	45,327
Weatherstripping and insulation .....	-	-	-	-	897	897
All other trades .....	59,809	57,074	116,883	137,900	51,910	189,810
TOTAL VALUE OF WORK PERFORMED.	8,208,151	2,273,031	10,481,182	10,713,998	3,479,958	14,193,956

Table 29. - Description, Classification and Value of Work Performed in Nova Scotia by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Brick laying .....	-	-	-	-	982	982
Electrical work .....	60,584	-	60,584	97,191	9,425	106,616
Lathing, plastering and stucco .....	51,966	3,863	55,829	43,475	5,735	49,210
Painting and decorating .....	21,823	-	21,823	13,560	-	13,560
Plumbing, heating and sanitary engineering .....	316,814	23,092	339,906	286,761	30,264	317,025
Roofing .....	-	19,466	19,466	-	-	-
Sheet metal work, other than roofing .....	-	-	-	12,527	-	12,527
Weatherstripping and insulation .....	21,720	-	21,720	-	-	-
All other work .....	895,447	64,282	959,729	140,939	41,468	182,407
TOTAL VALUE OF WORK PERFORMED	1,368,354	110,703	1,479,057	594,453	87,874	682,327

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Table 30. - Description, Classification and Value of Work Performed in Nova Scotia by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	\$ -	\$ 2,052	\$ 2,052	\$ -	\$ 7,917	\$ 7,917
Warehouses or storehouses .....	-	-	-	72,049	88,421	160,470
Elevators, grain .....	-	10,130	10,130	-	13,124	13,124
Residences .....	29,432	11,790	41,222	2,552	6,159	8,711
All other buildings and structures .	45,342	178,641	223,983	27,713	61,044	88,757
Hard surfaced or paved roads and streets .....	623,398	38,562	661,960	804,579	94,338	898,917
Gravel and stone surfaced roads and streets .....	690,166	1,647,523	2,337,689	551,038	1,237,253	1,788,291
Dirt or clay roads .....	55,000	-	55,000	300,202	548,481	848,683
Grading, scraping, oiling, filling, etc. ....	-	101,283	101,283	-	91,786	91,786
Sidewalks .....	-	-	-	7,884	13,989	21,873
Roadside maintenance and area improvement .....	-	-	-	-	3,967	3,967
Bridges and viaducts, all types .....	266,072	254,375	520,447	733,129	245,394	978,523
Subways and overhead crossings.....	35,609	-	35,609	-	-	-
Culverts, all types .....	26,604	2,640	29,244	30,310	1,084	31,394
Storm sewers .....	-	-	-	-	1,575	1,575
Tile drains, drainage ditches and open sewers .....	-	-	-	94,045	1,319	95,364
Fencing (excluding temporary snow fencing) .....	-	-	-	23,500	811	24,311
Guard rails .....	-	-	-	10,000	-	10,000
Signs .....	-	-	-	1,800	759	2,359
Zone painting .....	-	-	-	-	15,374	15,374
Watermains, water systems and connections .....	36,982	118,136	155,118	84,513	143,082	227,595
Sewers, sewage systems and connections .....	31,130	13,354	44,484	64,270	16,503	80,773
Pole or distribution line, electric.	-	-	-	11,347	29,815	41,162
Docks, wharves, piers, breakwaters .	119,344	353,914	473,258	103,870	286,344	390,014
Retaining walls and riprappling .....	4,170	13,624	17,794	2,760	11,135	13,895
Canals and waterways .....	-	-	-	-	1,932	1,932
Aerodromes or landing fields .....	6,602	294	6,896	-	2,480	2,480
Dredging .....	-	77,579	77,579	4,300	50,233	64,533
Excavating .....	11,165	-	11,165	1,870	-	1,870
Park systems .....	-	11,756	11,756	-	1,753	1,753
All other work .....	45,079	91,365	136,444	34,406	44,689	79,095
TOTAL VALUE OF WORK PERFORMED	2,026,095	2,927,018	4,953,113	2,965,737	3,020,711	5,986,448

Table 31. - Cost of Materials Used in Nova Scotia by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 318,216		\$ 246,003	
Lumber and timber, creosoted or chemically treated .....	50,175		84,288	
Piling, wood (including treated piling) .....	48,588		9,904	
Piling, other .....	-		762	
Posts, wood .....	4,411		690	
Iron and steel shapes .....	3,799		55,270	
Iron and steel reinforcing .....	2,579		382	
Hydrants .....	-		3,101	
Manhole covers and frames .....	-		3,375	
Pipe, metal .....	12,436		36,410	
Pipe, concrete .....	-		2,590	

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Table 31. - Cost of Materials Used in Nova Scotia by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936	1937
	Cost Value	Cost Value
Pipe, vitrified clay, etc. ....	31,602	40,663
Culverts .....	-	74,224
Rope or cable, wire .....	7,889	8,083
Rope, other .....	3,880	3,541
Electrical supplies .....	23,323	19,955
Plumbing and shop supplies .....	9,023	19,289
Lead and lead pipe .....	-	4,018
Pipe fittings .....	5,670	11,443
Valves .....	2,893	3,200
Hardware .....	163,232	142,410
Paint and painters' supplies .....	22,006	21,760
Explosives .....	18,980	7,986
Fencing materials (not to include posts) .....	3,764	1,395
Signs, metal .....	-	6,568
Brick .....	1,813	8,337
Stone, crushed and all other .....	39,759	43,916
Paving blocks .....	-	1,500
Gravel .....	75,761	67,191
Sand .....	9,110	6,532
Cement .....	28,221	23,831
Bituminous materials (not including oil) .....	454,468	707,109
Calcium chloride, salt and other chemicals .....	110,423	134,437
Oil, for road construction .....	27,790	3,207
Borrow pits, earth fill, cinders, etc. ....	5,053	2,847
All other materials .....	204,530	28,384
TOTAL COST OF MATERIALS .....	1,689,394	1,834,599

Table 32. - Capital Investment in the Construction Industry in Nova Scotia in 1936 and 1937.

	Buildings, land, etc.	Equipment machinery, tools, vehicles, (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	863,085	2,053,327	295,903	1,218,523	4,430,838
Municipalities .....	214,400	162,238	15,899	-	392,537
Harbour Commissions, Provincial and Dominion Government Departments .....	135,560	524,859	80,521	851,611	1,592,551
Totals .....	1,213,045	2,740,424	392,323	2,070,134	6,415,926
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	860,207	2,352,404	357,640	1,482,778	5,053,029
Municipalities .....	217,322	145,276	13,581	927	377,106
Harbour Commissions, Provincial and Dominion Government Departments .....	221,916	627,772	41,281	1,065,595	1,956,584
Totals .....	1,299,445	3,125,452	412,502	2,549,300	7,386,699

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Table 33. - Principal Statistics of the Construction Industry in New Brunswick in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	206	4,017,340 444,297	3,533	2,824,269 374,514	3,603,598 123,962	5,504,280 256,692	1,589,890 232,011	7,094,170 488,703
Municipalities .....	7		415					
Harbour Commissions, Provincial and Dominion Government Departments .	8	2,213,592	4,328	2,695,048	1,022,356	3,047,449	1,351,931	4,399,380
Totals .....	221	6,675,829	8,276	6,893,831	4,749,916	8,808,421	3,173,832	11,982,253
<u>1937</u>								
General and Trade Contractors and Subcontractors .....	251	4,206,052 485,262	4,134	4,093,365 281,143	6,130,783 156,237	11,363,286 206,360	1,671,888 236,941	13,035,174 443,301
Municipalities .....	7		305					
Harbour Commissions, Provincial and Dominion Government Departments .	7	2,911,279	2,697	1,871,544	1,659,629	2,798,607	1,280,064	4,078,671
Totals .....	265	7,602,593	7,136	6,246,052	7,046,649	14,368,253	3,188,893	17,557,146

Table 34. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, and Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	124,577	61,430	186,007	234,549	110,322	394,871
Dwellings, semi-detached or double..	-	10,993	10,993	24,502	18,863	45,365
Duplexes .....	-	8,298	8,298	-	6,764	6,764
Apartment houses .....	-	19,862	19,862	-	46,399	46,399
Hotels, clubs, restaurants, etc. ....	-	2,128	2,128	15,056	-	16,056
Churches and church halls .....	-	12,538	12,538	-	-	-
Hospitals and sanatoria .....	-	-	-	-	8,707	8,707
Schools, institutions, etc. ....	-	4,632	4,632	220,329	89,457	309,786
Office buildings .....	-	14,369	14,369	-	16,142	15,142
Stores .....	71,257	36,884	108,141	16,744	66,062	84,806
Factories, warehouses and storehouses	-	115,235	115,235	502,572	-	502,572
Grain elevators .....	-	-	-	-	1,144	1,144
Garages .....	19,086	2,114	21,200	14,011	-	14,011
Service stations .....	-	-	-	60,990	70,061	131,051
Farm buildings .....	-	-	-	33,238	5,784	39,022
Government and municipal buildings .	78,896	52,054	130,950	-	-	-
All other buildings .....	490,324	102,894	593,218	256,688	347,484	604,172
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	3,263,318	32,068	3,295,386	6,655,001	18,521	6,673,522
Gravel or stone surfaced roads ....	2,107,621	1,147,199	3,254,820	1,655,841	734,499	2,390,540
Dirt or clay roads .....	138,197	-	138,197	1,150	2,235	3,385
Grading, scraping, oiling, filling, etc. ....	-	18,678	18,678	973,401	14,206	987,607
Sidewalks .....	8,928	12,319	21,247	11,589	10,594	21,983
Roadside maintenance and area improvement .....	-	-	-	-	2,869	2,869
Bridges, viaducts, all types .....	204,654	386,530	590,184	980,230	336,281	1,316,491
Culverts .....	1,540	6,698	8,238	258,094	465	258,559
Watermains, waterworks systems and connections .....	-	99,014	99,014	29,485	92,974	122,459

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Table 34. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, and Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction - concluded.</u>	\$	\$	\$	\$	\$	\$
Sewers, sewage disposal works and connections .....	-	-	-	15,972	22,087	38,059
Storm sewers .....	-	-	-	5,748	2,291	8,039
Tile drains, drainage ditches and open sewers .....	-	-	-	18,160	1,525	19,685
Fencing (excluding temporary snow fencing) .....	-	-	-	-	1,204	1,204
Zone painting .....	-	-	-	-	602	602
Aerodromes or landing fields .....	11,491	1,067	12,558	-	-	-
Park systems .....	-	-	-	-	8,834	8,834
Grounds and walks .....	-	-	-	-	5,001	5,001
All other engineering .....	565,129	198,683	763,812	1,152,858	203,004	1,355,862
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters..	-	168,712	168,712	-	279,146	279,146
Retaining walls, embankments and rip-rapping .....	3,005	-	3,005	-	636	636
Dredging .....	23,075	100,392	123,467	-	90,618	90,618
All other work .....	1,556,712	64,122	1,620,834	895,133	-	895,133
<u>Trade Construction</u>						
Brick laying .....	-	-	-	-	5,135	5,135
Carpentry work .....	22,064	47,732	69,796	2,835	35,911	38,746
Concreting and cement work .....	-	-	-	-	3,720	3,720
Electrical work .....	7,817	77,921	85,738	4,865	53,744	58,609
Flooring, wood .....	-	-	-	-	982	982
Lathing, plastering and stucco .....	-	-	-	7,097	6,988	14,085
Masonry and stone work .....	-	-	-	-	1,410	1,410
Painting and decorating .....	-	97,373	97,373	-	71,378	71,378
Plumbing, heating and sanitary engineering .....	83,357	177,481	260,838	122,664	264,266	386,930
Roofing, sheet metal .....	-	27,083	27,083	-	-	-
Roofing, all other .....	-	-	-	-	8,960	8,960
Sheet metal work, other than roofing ..	-	19,433	19,433	-	27,064	27,064
All other trades .....	27,373	48,396	76,269	147,451	95,774	243,225
TOTAL VALUE OF WORK PERFORMED .....	8,808,421	3,173,832	11,982,253	14,368,253	3,188,893	17,557,146

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	124,577	61,430	186,007	284,549	110,063	394,612
Dwellings, semi-detached or double .....	-	10,993	10,993	24,502	18,863	43,365
Duplexes .....	-	8,298	8,298	-	6,764	6,764
Apartment houses .....	-	19,862	19,862	-	46,399	46,399
Hotels, clubs, restaurants, etc. ....	-	2,128	2,128	15,056	-	16,056
Churches and church halls .....	-	12,538	12,538	-	-	-
Hospitals and sanatoria .....	-	-	-	-	8,707	8,707
Schools, institutions, etc. ....	-	4,632	4,632	220,329	89,242	309,571
Office buildings .....	-	14,369	14,369	-	13,309	13,309
Stores .....	71,257	36,884	108,141	18,744	66,062	84,806
Factories, warehouses and storehouses .....	-	-	-	495,297	-	495,297
Garages .....	19,086	2,067	21,153	13,890	-	13,890
Service stations .....	-	-	-	60,990	70,061	131,051
Farm buildings .....	-	-	-	-	4,950	4,950
Government and municipal buildings .....	-	13,596	13,596	-	-	-
All other buildings .....	550,858	186,158	737,016	267,238	330,980	598,218

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Table 35. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction</u>	\$	\$	\$	\$	\$	\$
Hard surfaced or paved roads .....	1,825,630	-	1,825,630	5,401,203	-	5,401,203
Gravel or stone surfaced roads ...	773,092	-	773,092	-	-	-
Grading, scraping, oiling, filling, etc. ....	-	-	-	973,401	-	973,401
Bridges, viaducts, all types .....	48,239	-	48,239	615,430	-	615,430
All other engineering .....	433,329	590,261	1,023,590	1,887,371	183,385	2,050,756
<u>Harbours, Rivers, etc.</u>						
Retaining walls, embankments and riprapping .....	2,671	-	2,671	-	-	-
Dredging .....	20,969	71,597	92,566	-	88,041	88,041
All other work .....	1,494,621	93,251	1,587,872	820,374	59,730	880,104
<u>Trade Construction</u>						
Brick laying .....	-	-	-	-	-	5,135
Carpentry work .....	22,064	47,732	69,796	2,835	35,911	38,746
Concreting and cement work .....	-	-	-	-	3,720	3,720
Electrical work .....	7,817	77,921	85,738	4,865	53,744	58,609
Flooring, wood .....	-	-	-	-	982	982
Lathing, plastering and stucco ....	-	-	-	7,097	6,988	14,085
Masonry and stone work .....	-	-	-	-	1,410	1,410
Painting and decorating .....	-	63,280	63,280	-	71,378	71,378
Plumbing, heating and sanitary engineering .....	83,357	177,481	260,838	122,664	264,266	386,930
Roofing, sheet metal .....	-	27,083	27,083	-	-	-
Roofing, all other .....	-	-	-	-	8,960	8,960
Sheet metal work, other than roofing .....	-	19,433	19,433	-	27,064	27,064
All other trades .....	26,713	48,896	75,609	147,451	95,774	243,225
TOTAL VALUE OF WORK PERFORMED ..	5,504,280	1,589,890	7,094,170	11,363,286	1,671,888	13,035,174

Table 36. - Description, Classification and Value of Work Performed in New Brunswick by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Electrical work .....	\$	\$	\$	\$	\$	\$
Plumbing, heating and sanitary engineering .....	14,497	3,733	18,230	36,296	21,867	58,163
Painting and decorating .....	35,941	27,747	63,688	100,489	-	100,489
Roofing, sheet metal .....	11,649	-	11,649	-	-	-
Roofing, all other .....	3,840	-	3,840	-	-	-
Sheet metal work, other than roofing	-	-	-	12,165	-	12,165
Street and highway paving .....	2,385	-	2,385	11,503	-	11,503
All other work .....	150,364	-	150,364	-	-	-
	552,378	136,916	689,294	665,059	248,010	913,069
TOTAL VALUE OF WORK PERFORMED	771,054	168,396	939,450	825,512	269,877	1,095,389

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

## NEW BRUNSWICK

Table 37. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	\$ -	\$ -	\$ -	\$ 2,500	\$ 1,833	\$ 4,333
Warehouses or storehouses .....	-	23,186	23,186	7,275	1,369	8,644
Farm buildings .....	-	-	-	9,065	834	9,899
Elevators .....	-	-	-	-	1,144	1,144
All other buildings .....	18,362	47,290	65,652	11,244	17,603	28,847
Hard surfaced or paved roads .....	1,437,688	26,004	1,463,692	1,253,798	18,521	1,272,319
Gravel and stone surfaced roads .....	1,334,529	717,129	2,051,728	948,158	734,094	1,682,252
Dirt or clay roads .....	138,197	-	138,197	1,150	2,235	3,385
Grading, scraping, oiling, filling, etc.	-	18,678	18,678	-	14,206	14,206
Sidewalks .....	5,928	12,319	21,247	11,589	10,394	21,983
Roadside maintenance and area improvement (including brush and weed cutting) .....	-	-	-	-	2,869	2,869
Bridges and viaducts, all types .....	156,415	386,530	541,945	364,800	336,261	701,061
Culverts, all types .....	1,500	6,378	7,878	248,869	465	249,334
Storm sewers .....	-	-	-	5,748	2,291	8,039
Tile drains, drainage ditches and open sewers .....	-	-	-	18,160	1,525	19,685
Fencing (excluding temporary snow fencing) .....	-	-	-	-	1,204	1,204
Zone painting .....	-	-	-	-	602	602
Watermains, water systems and connections .....	-	99,014	99,014	27,281	92,974	120,255
Reservoirs .....	-	-	-	2,920	-	2,920
Sewers, sewage systems and connections .....	-	-	-	8,866	22,087	30,953
Pole or distribution lines, electric .....	-	-	-	7,570	15,411	22,981
Docks, wharves, piers, breakwaters .....	62,091	139,461	201,552	63,095	219,416	282,511
Retaining walls and riprapping .....	-	-	-	11,664	636	12,300
Aerodromes or landing fields .....	11,491	1,067	12,558	-	-	-
Dredging .....	2,106	28,795	30,901	-	2,577	2,577
Park systems .....	-	-	-	-	8,834	8,834
Grounds and walks .....	-	-	-	-	5,001	5,001
All other work .....	132,834	79,021	211,855	1,215	2,619	3,834
TOTAL VALUE OF WORK PERFORMED ...	3,304,141	1,583,942	4,888,083	3,004,967	1,517,005	4,521,972

Table 38. - Cost of Materials Used in New Brunswick by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 161,283	\$ 140,991		
Lumber and timber, creosoted or chemically treated .....	211,741	336,528		
Piling, wood (including treated piling) .....	10,416	9,809		
Piling, steel .....	5,439	3,455		
Posts, wood .....	8,775	10,075		
Posts, steel .....	317	-		
Iron and steel shapes .....	10,895	1,849		
Iron and steel forms .....	5,827	438		
Iron and steel reinforcing .....	514	13,089		
Hydrants .....	1,251	2,034		
Manhole covers and frames .....	1,987	3,350		
Pipe, metal .....	37,351	26,765		
Pipe, concrete .....	6,073	3,396		
Pipe, vitrified clay, etc. .....	47,267	22,599		
Culverts .....	-	652		

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THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

NEW BRUNSWICK

Table 38. - Cost of Materials Used in New Brunswick by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936	1937					
	Cost	Value					
Rope or cable, wire .....	\$ 4,023		\$ 5,449				
Rope, other .....	1,347		452				
Wire netting or mesh .....	225		-				
Electric light standards .....	1,175		9,477				
Electrical supplies .....	10,202		6,247				
Plumbing and shop supplies .....	2,328		823				
Lead and lead pipe .....	-		2,468				
Pipe fittings .....	944		4,483				
Valves .....	1,290		1,416				
Hardware .....	34,399		57,951				
Paint and painters' supplies .....	14,031		4,650				
Explosives .....	1,797		15,607				
Fencing materials (not to include posts) .....	1,822		4,213				
Guard rail materials (not to include posts) .....	26,884		2,810				
Signs, metal .....	-		974				
Brick .....	1,284		-				
Stone, crushed and all other .....	59,266		68,371				
Paving blocks .....	-		1,987				
Gravel .....	20,839		53,373				
Sand .....	4,005		17,782				
Cement .....	30,199		59,471				
Bituminous materials (not including oil) .....	309,142		747,511				
Calcium chloride, salt and other chemicals .....	40,601		31,038				
Oil, for road construction .....	-		707				
All other materials .....	71,379		143,576				
 TOTAL COST OF MATERIALS .....	 1,146,318		 1,815,866				

Table 39. - Capital Investment in the Construction Industry in New Brunswick in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	485,501	1,903,037	207,306	1,421,496	4,017,340
Municipalities .....	211,495	156,660	72,910	3,823	444,897
Harbour Commissions, Provincial and Dominion Government Departments .....	35,047	2,042,024	136,521	-	2,213,592
 Totals .....	 732,043	 4,101,721	 416,746	 1,425,319	 6,675,829
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	547,532	2,355,214	355,230	948,076	4,206,052
Municipalities .....	228,360	154,866	72,731	29,305	485,262
Harbour Commissions, Provincial and Dominion Government Departments .....	562,813	2,061,633	34,237	252,696	2,911,279
 Totals .....	 1,338,705	 4,571,613	 462,198	 1,230,077	 7,602,593

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Table 40. - Principal Statistics of the Construction Industry in Quebec in 1936 and 1937.

	Reports Received	Capital Invested	Salaried Employees and Wage-earners	Salaries and Wages Paid	Cost of Materials Used	Value of Work Performed		
						New Construction	Alterations Maintenance and Repairs	Total Value
<b>1936</b>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	1,946	40,203,162	21,277	19,257,758	29,561,130	37,081,247	15,145,309	52,226,556
Municipalities .....	34	4,236,354	3,372	2,479,656	932,141	1,403,290	2,040,176	3,443,466
Harbour Commissions ..	5	1,055,896	830	832,251	219,877	264,181	1,111,978	1,376,159
Provincial Government Departments .....	5	1,645,520	11,224	4,965,167	1,590,290	1,925,303	6,532,687	8,457,990
Dominion Government Departments .....	6	1,557,800	2,381	1,461,923	764,113	1,014,141	1,383,775	2,397,916
Totals .....	1,996	48,600,732	39,084	28,996,755	33,067,551	41,688,162	26,213,925	67,902,087
<b>1937</b>								
General and Trade Contractors and Subcontractors .....	2,299	44,706,582	31,210	34,910,281	46,266,282	61,547,332	20,121,821	81,689,153
Municipalities .....	39	4,696,900	4,134	2,626,754	1,054,192	1,876,910	1,926,793	3,803,703
Harbour Commissions ..	5	969,802	516	577,040	184,268	251,955	863,533	1,115,488
Provincial Government Departments .....	6	2,124,603	10,099	10,159,972	2,948,074	7,756,670	5,701,917	13,456,587
Dominion Government Departments .....	5	1,124,953	1,009	899,590	543,913	435,536	978,264	1,413,800
Totals .....	2,354	53,622,840	46,966	49,173,637	49,996,729	71,868,403	29,592,328	101,460,731

Table 41. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	2,847,096	1,045,934	3,893,030	4,322,751	1,177,180	5,499,931
Dwellings, semi-detached or double.	993,742	178,650	1,172,392	1,093,196	427,452	1,520,648
Duplexes .....	1,466,142	155,268	1,621,410	1,377,324	207,283	1,584,607
Apartment houses .....	1,028,107	385,485	1,413,592	1,516,224	466,166	1,982,390
Hotels, clubs, restaurants, etc. ..	360,386	197,439	557,825	567,161	358,723	925,884
Churches and church halls .....	830,145	108,147	938,292	1,018,111	72,831	1,590,942
Hospitals and sanatoria .....	-	71,512	71,512	1,196,516	177,247	1,373,763
Schools, institutions, etc. .....	1,826,740	197,087	2,023,827	2,265,360	878,179	3,143,539
Office buildings .....	704,490	565,045	1,269,535	916,219	545,003	1,461,222
Stores .....	639,713	775,644	1,415,357	1,048,474	1,016,609	2,065,083
Theatres .....	542,181	114,538	656,719	591,784	26,212	817,996
Factories, warehouses and store-houses .....	2,874,752	1,658,315	4,533,067	9,291,856	3,507,341	12,799,197
Grain elevators .....	-	195,491	195,491	-	179,193	179,193
Garages .....	301,986	73,858	375,844	488,916	125,184	614,100
Service stations .....	100,483	-	100,483	186,647	220,167	406,814
Mine buildings .....	-	121,057	121,057	472,413	170,464	642,877
Farm buildings .....	55,101	41,930	97,031	99,138	77,619	176,767
Government and municipal buildings.	1,352,574	581,064	1,933,638	-	-	-
All other buildings .....	3,873,760	861,626	4,735,275	390,421	1,031,629	1,422,060
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	2,431,325	1,332,343	3,763,668	5,209,684	1,323,819	6,533,503
Gravel or stone surfaced roads ...	2,105,297	3,208,555	5,313,852	6,739,029	2,718,000	9,457,029
Dirt or clay roads .....	848,533	-	848,533	2,538,860	45,231	2,584,091
Grading, scraping, oiling, filling, etc.	-	2,064,370	2,064,370	1,583,751	1,571,538	3,155,289

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

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Table 41. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937. - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Engineering Construction - concluded.</u>						
Sidewalks .....	138,987	138,220	277,207	127,859	159,781	287,620
Roadside maintenance and area improvement .....	34,080	642,002	676,082	94,161	997,048	1,091,199
Bridges and viaducts, all types .....	744,348	146,959	891,307	2,374,974	144,561	2,519,535
Subways, overhead crossings, etc. ....	45,324	4,290	49,614	19,465	8,682	28,347
Culverts .....	261,179	90,548	351,727	311,618	132,099	443,717
Watermains, waterworks systems and connections .....	561,202	439,575	999,777	848,848	447,329	1,296,177
Sewers, sewage disposal works and connections .....	591,577	195,138	786,710	693,142	162,032	855,174
Storm sewers .....	-	-	-	567,451	22,020	589,471
Tile drains, drainage ditches and open sewers .....	22,305	29,792	51,097	17,398	69,902	87,300
Dams and reservoirs .....	283,209	41,139	324,348	207,831	213,682	421,713
Fencing (excluding temporary snow fencing) .....	8,806	1,387	10,193	6,963	13,278	20,241
Guard rails .....	8,525	4,486	13,011	15,849	9,547	25,396
Signs .....	49,537	1,750	51,287	19,899	8,072	27,971
Zone painting .....	2,507	4,650	7,157	1,102	2,351	3,513
Central electric stations, light and power plants .....	1,076,819	-	1,076,819	1,954,942	167,621	2,122,563
Transmission lines and towers .....	1,129,373	667,187	1,796,560	2,966,661	501,249	3,467,910
Installation of boilers and machinery	1,771,230	89,742	1,860,972	-	-	-
Railway (steam) construction work ...	207,239	280,168	427,407	-	164,357	164,357
Aerodromes or landing fields .....	50,844	-	50,844	-	-	-
Park systems .....	143,825	49,325	193,150	269,717	81,081	350,798
Gardens and walks .....	5,321	44,824	50,155	-	28,390	28,390
Underground conduits .....	179,278	-	179,278	131,497	-	191,497
All other engineering .....	706,171	1,898,174	2,604,345	7,489,904	269,488	7,759,392
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	2,301,660	2,190,215	4,491,875	2,720,655	1,392,049	4,112,704
Retaining walls, embankments, and ripraping .....	354,206	230,370	594,076	445,378	204,717	650,095
Canals and waterways .....	-	-	-	5,927	95,367	101,294
Dredging .....	-	137,693	137,693	-	-	-
Pile driving .....	-	-	-	47,773	-	47,773
All other works .....	3,637,024	13,629	2,650,653	2,160,186	638,743	2,798,929
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	78,209	32,702	110,911
Brick laying .....	36,452	53,565	90,017	68,733	227,397	296,130
Carpentry work .....	18,735	204,044	222,779	26,958	162,504	189,462
Concreting and cement work .....	-	43,455	43,455	194,066	34,777	228,843
Electrical work .....	302,864	620,767	932,661	352,326	935,787	1,288,113
Elevators, service .....	156,205	246,661	402,916	170,287	303,188	473,475
Excavating .....	235,532	61,540	237,072	440,299	320,597	769,296
Flooring, wood .....	8,750	45,635	54,385	9,904	68,847	78,751
Flooring, other .....	31,203	58,985	90,188	-	60,923	60,923
Glass and glazing .....	77,336	106,617	183,953	50,092	114,046	194,137
Lathing, plastering and stucco .....	35,212	89,234	124,446	85,030	104,806	189,835
Masonry and stone work .....	-	15,255	15,255	21,545	40,681	62,226
Ornamental iron work .....	-	30,986	30,986	86,562	18,686	105,248
Painting and decorating .....	72,508	790,553	863,061	148,017	1,105,688	1,253,705
Plumbing, heating and sanitary engineering .....	928,379	1,744,439	2,672,818	1,057,030	2,307,039	3,364,069
Roofing, sheet metal .....	68,288	202,201	270,489	132,250	206,277	350,527
Roofing, all other .....	90,329	219,300	309,629	179,474	462,116	641,590
Sheet metal work, other than roofing .....	-	141,303	141,303	636,654	270,813	907,467
Sprinkler installation .....	161,080	41,639	202,719	139,500	31,035	170,535
Structural steel work .....	196,987	-	196,987	568,168	45,945	614,113
Tiling and marble work .....	68,617	111,364	179,981	116,918	125,679	242,597

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Table 41. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Weatherstripping and insulation ...	-	61,796	61,796	-	163,478	163,478
Wrecking and demolition .....	-	101,185	101,185	-	69,288	69,288
All other trades .....	702,696	2,376	705,072	303,296	114,735	416,031
TOTAL VALUE OF WORK PERFORMED ....	41,688,162	26,213,925	67,902,087	71,868,403	29,592,328	101,460,731

Table 42. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Building Construction	\$	\$	\$	\$	\$	\$
Dwellings, single .....	2,836,717	1,013,892	3,850,609	4,300,203	1,138,770	5,438,973
Dwellings, semi-detached or double.	993,742	178,650	1,172,392	1,093,196	427,452	1,520,648
Duplexes .....	1,466,142	155,268	1,621,410	1,377,324	207,283	1,584,607
Apartment houses .....	1,028,107	385,485	1,413,592	1,516,224	466,166	1,982,390
Hotels, clubs, restaurants, etc. ..	360,386	197,439	557,825	567,161	358,723	925,884
Churches and church halls .....	830,145	108,147	938,292	1,518,111	72,831	1,590,942
Hospitals and sanatoria .....	-	71,512	71,512	1,196,516	171,786	1,368,302
Schools, institutions, etc. ....	1,826,740	197,087	2,023,827	2,243,814	878,179	3,121,993
Office buildings .....	662,110	395,095	1,057,205	869,887	500,220	1,370,107
Stores .....	639,713	775,644	1,415,357	1,048,474	1,016,609	2,065,083
Theatres .....	542,181	114,538	656,719	591,784	24,545	615,327
Factories, warehouses and store- houses .....	2,824,675	1,581,202	4,405,877	9,155,928	3,327,686	12,483,614
Garages .....	300,686	67,281	367,967	487,151	116,201	603,352
Service stations .....	100,483	-	100,483	186,647	230,167	306,814
Mine buildings .....	-	121,057	121,057	472,413	170,464	642,877
Farm buildings .....	45,059	31,915	76,974	83,925	71,526	155,451
Government and municipal buildings. ....	1,281,931	124,335	1,406,266	-	-	-
All other buildings .....	3,847,578	874,421	4,721,999	272,441	702,368	974,809
Engineering Construction						
Hard surfaced or paved roads .....	1,851,008	204,327	2,055,335	3,373,053	378,818	3,851,871
Gravel or stone surfaced roads ....	{ 1,934,912.	91,654	2,026,566	3,879,488	376,435	4,255,923
Dirt or clay roads .....				620,748	21,150	641,898
Grading, scraping, oiling, filling, etc. ....	-	-	-	750,271	80,762	831,033
Sidewalks .....	-	-	-	40,371	-	40,371
Bridges, viaducts, all types .....	546,788	8,851	555,639	2,338,826	47,051	2,385,877
Subways, overhead crossings, etc. ..	45,324	-	45,324	-	-	-
Culverts .....	28,031	-	28,031	225,522	4,500	230,022
Water mains, waterworks systems and connections .....	353,301	-	353,301	560,422	48,537	608,959
Sewers and sewage disposal works and connections .....	299,146	-	299,146	493,672	5,864	499,536
Dams and reservoirs .....	283,209	17,354	300,563	207,831	159,766	367,597
Central electric stations, light and power plants .....	1,076,819	-	1,076,819	1,954,942	155,883	2,110,825
Installation of boilers and machinery .....	1,771,230	89,742	1,860,972	-	-	-
Transmission lines and towers .....	1,111,783	445,114	1,556,897	2,946,815	251,875	3,198,690
Railway (steam) construction work ..	183,380	-	183,380	-	-	-
Underground conduits .....	161,886	-	161,886	181,350	-	181,350
All other engineering .....	456,192	1,136,468	1,592,660	7,734,905	136,528	7,871,433

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Table 42. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Harbours, Rivers, etc.</u>	\$	\$	\$	\$	\$	\$
Docks, wharves, piers and breakwaters	1,964,474	1,726,815	3,691,289	2,546,114	1,032,526	3,578,640
Retaining walls, embankments, and ripraping	70,050	-	70,950	102,527	-	102,527
Dredging	-	51,700	51,700	-	-	-
Pile driving	-	-	-	47,773	-	47,773
All other works	2,381,693	39,956	2,421,649	2,028,910	546,341	2,575,251
<u>Trade Construction</u>						
Air conditioning	-	-	-	78,209	32,702	110,911
Brick laying	36,452	53,565	90,017	68,733	227,397	296,130
Carpentry work	18,735	204,044	222,779	26,958	162,504	189,462
Concreting and cement work	-	43,455	43,455	194,066	34,777	228,843
Electrical work	302,884	629,767	932,651	352,326	935,787	1,288,113
Elevators, service	156,255	246,861	402,916	170,287	305,188	473,475
Excavating	19,015	-	19,015	77,574	-	77,574
Flooring, wood	8,750	45,625	54,385	9,904	68,847	78,761
Flooring, other	51,203	58,985	90,188	-	60,923	60,923
Glass and glazing	77,336	106,617	183,953	80,092	114,045	194,137
Lathing, plastering and stucco	35,212	89,234	124,446	85,030	104,805	189,835
Masonry and stone work	-	15,255	15,255	21,545	40,681	62,226
Ornamental iron work	-	30,986	30,986	86,562	18,686	105,248
Painting and decorating	72,508	790,553	863,061	148,017	1,106,688	1,253,705
Plumbing, heating and sanitary engineering	928,379	1,744,439	2,672,818	1,057,030	2,305,415	3,362,445
Roofing, sheet metal	68,288	202,201	270,489	132,250	206,277	335,527
Roofing, all other	90,329	219,300	309,629	179,474	462,116	641,590
Sheet metal work, other than roofing	-	141,303	141,303	638,654	270,313	907,467
Sprinkler installation	161,080	41,839	202,719	139,500	31,035	170,535
Structural steel work	196,987	-	196,987	568,188	45,945	614,113
Tiling, marble work and terrazzo	68,617	111,364	179,981	112,913	125,679	242,597
Weatherstripping and insulation	-	61,796	61,796	-	163,478	163,478
Wrecking and demolition	-	101,185	101,185	-	69,288	69,288
All other trades	702,096	2,376	705,072	303,296	114,735	418,031
TOTAL VALUE OF WORK PERFORMED	37,081,247	15,145,309	52,226,556	61,547,332	20,121,921	81,669,153

Table 43. - Description, Classification and Value of Work Performed in Quebec by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	\$	\$	\$	\$	\$	\$
Brick laying	172,604	29,317	201,921	405,086	58,331	463,417
Carpentry work	132,398	18,917	141,215	192,733	28,025	220,758
Concreting and cement work	344,172	53,809	397,981	513,415	19,837	533,252
Electrical work	522,917	223,423	756,340	632,972	191,491	823,453
Elevators, service	187,556	-	187,556	114,720	18,255	132,975
Excavating	175,078	-	175,078	288,243	-	288,243
Flooring, wood	31,675	46,332	78,007	37,143	37,021	74,164
Flooring, other	52,682	15,015	67,697	141,929	32,465	174,394
Glass and glazing	504,316	156,661	460,977	342,294	182,020	524,314
Installation of boilers and machinery	76,811	-	76,811	-	-	-
Lathing, plastering and stucco	456,957	54,722	513,679	529,199	119,652	648,851
Masonry and stone work	84,208	2,112	86,320	178,621	-	178,621
Ornamental iron work	216,722	5,463	222,185	260,381	19,894	280,275
Painting and decorating	160,948	177,212	338,160	197,541	236,934	434,475

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Table 43. - Description, Classification and Value of Work Performed in Quebec by Subcontractors in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Plumbing, heating and sanitary engineering .....	943,867	279,890	1,223,757	1,708,199	419,270	2,127,469
Roofing, sheet metal .....	310,419	68,365	378,784	155,702	41,074	196,777
Roofing, all other .....	90,817	35,264	126,081	189,438	152,370	341,808
Sheet metal work (other than roofing) .....	155,178	32,359	187,537	337,601	45,164	382,765
Sprinkler installation .....	41,231	11,613	52,844	242,549	-	342,549
Street and highway paving .....	6,279	-	6,279	-	-	-
Other streets and highways .....	205,786	-	205,786	-	-	-
Tiling, marble and terrazzo .....	437,589	88,063	525,652	492,460	83,098	576,158
Weatherstripping and insulation .....	79,305	86,623	165,928	111,096	47,040	158,136
Pile driving .....	29,113	-	29,113	-	-	-
Railway construction .....	-	-	-	1,408,456	-	1,408,456
All other work .....	2,701,043	444,090	3,145,133	5,409,718	242,849	5,652,567
<b>TOTAL VALUE OF WORK PERFORMED</b>	<b>7,921,671</b>	<b>1,829,150</b>	<b>9,750,821</b>	<b>13,932,215</b>	<b>1,987,040</b>	<b>16,919,255</b>

Table 44. - Description, Classification and Value of Work Performed in Quebec, by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	42,870	103,950	212,330	46,332	44,783	91,115
Warehouses or storehouses .....	50,077	77,113	127,190	134,697	178,338	312,955
Garages .....	1,300	6,577	7,877	1,765	8,983	10,748
Elevators, grain .....	26,172	102,525	208,767	-	176,225	176,225
Residences .....	10,379	32,042	42,421	22,548	38,410	60,958
Schools .....	-	-	-	21,546	-	21,546
Hospitals .....	-	-	-	-	5,461	5,461
Theatres .....	-	-	-	-	1,669	1,669
Factories .....	-	-	-	1,231	1,397	2,628
Farm buildings .....	10,042	10,018	20,057	15,213	6,093	21,306
All other buildings .....	70,643	456,729	527,372	117,980	332,229	450,209
Hard surfaced or paved roads .....	580,317	1,128,616	1,708,333	1,836,631	945,001	2,781,632
Gravel and stone surfaced roads .....	170,385	3,116,901	3,287,286	2,859,541	2,341,565	5,201,106
Dirt or clay roads .....	848,533	-	848,533	1,918,112	24,081	1,942,193
Grading, scraping, oiling, filling, etc. .....	-	2,054,370	2,054,370	833,480	1,490,776	2,324,256
Sidewalks .....	128,700	138,220	266,920	87,488	159,761	247,249
Roadside maintenance and area improvement (including brush and weed cutting) .....	34,080	642,002	676,082	94,151	997,048	1,091,199
Bridges and viaducts, all types .....	197,560	138,108	335,668	36,148	97,510	133,688
Subways, overhead crossings, etc. .....	-	4,290	4,290	15,265	8,707	23,972
Culverts, all types .....	233,148	90,548	323,696	86,096	127,599	213,695
Storm sewers .....	95,117	9,554	104,671	426,228	21,620	447,848
Tile drains, drainage ditches and open sewers .....	21,837	28,727	50,564	17,398	69,902	87,300
Fencing (excluding temporary snow fencing) .....	8,806	1,387	10,193	5,025	12,358	17,383
Guard rails .....	8,525	4,486	13,011	15,849	9,547	25,396
Signs .....	49,537	1,750	51,287	19,899	8,072	27,971
Zone painting .....	2,507	4,650	7,157	1,162	2,351	3,513
Watermains, water systems and connections .....	207,901	420,154	628,055	288,428	398,792	687,218
Reservoirs .....	-	-	-	-	10,058	10,058
Sewers, sewage systems and connections .....	197,314	185,419	382,733	199,470	156,168	355,638

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Table 44. - Description, Classification and Value of Work Performed in Quebec, by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Central electric stations .....	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pole or distribution lines, electric.	17,590	222,073	239,663	19,846	249,374	289,220
Docks, wharves, piers and breakwaters	337,186	463,400	800,586	174,541	359,523	534,064
Retaining walls and ripraping .....	283,256	213,543	496,799	342,851	204,221	547,072
Canal reaches .....	-	-	-	596	14,291	14,887
Canal locks .....	-	-	-	-	72,279	72,279
Canal gates .....	-	-	-	5,331	8,797	14,128
Water control or dams .....	-	23,785	23,785	-	44,058	44,058
Aerodromes or landing fields .....	15,343	888	16,231	-	712	712
Dredging .....	255,331	85,993	341,324	131,276	92,898	224,174
Excavating .....	216,517	61,540	278,057	362,725	328,997	691,722
Park systems .....	75,486	37,798	114,264	150,305	80,941	241,246
Grounds and walks .....	5,321	44,834	50,155	-	12,236	12,236
Underground conduits .....	-	-	-	10,147	-	10,147
Railway (steam) construction work ...	23,859	220,168	244,027	-	164,357	164,357
Heating .....	-	-	-	-	1,624	1,624
All other work .....	380,786	790,991	1,171,777	11,772	150,037	161,809
TOTAL VALUE OF WORK PERFORMED ....	4,606,915	11,068,616	15,675,531	10,321,071	9,470,507	19,791,578

Table 45. - Cost of Materials Used in Quebec by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 596,827	596,827	\$ 487,902	487,902
Lumber and timber, creosoted or chemically treated.	33,686	33,686	88,951	88,951
Piling, wood (including treated piling) .....	-	-	6,485	6,485
Piling, steel .....	5,375	5,375	3,129	3,129
Piling, other .....	3,382	3,382	-	-
Posts, wood .....	23,880	23,880	13,534	13,534
Posts, steel .....	6,558	6,558	11,366	11,366
Posts, other .....	1,768	1,768	480	480
Iron and steel shapes .....	27,733	27,733	14,721	14,721
Iron and steel forms .....	1,203	1,203	10,102	10,102
Iron and steel reinforcing .....	12,560	12,560	26,358	26,358
Hydrants .....	17,360	17,360	20,440	20,440
Manhole covers and frames .....	20,607	20,607	19,535	19,535
Pipe, metal .....	128,526	128,526	95,783	95,783
Pipe, concrete .....	56,914	56,914	140,261	140,261
Pipe, vitrified clay, etc. ....	20,929	20,929	38,622	38,622
Culverts .....	-	-	1,703	1,703
Rope or cable, wire .....	13,017	13,017	14,534	14,534
Rope, other .....	7,652	7,652	5,753	5,753
Wire netting or mesh .....	2,055	2,055	4,608	4,608
Electric light standards .....	4,344	4,344	10,157	10,157
Electrical supplies .....	80,045	80,045	91,754	91,754
Plumbing and shop supplies .....	29,740	29,740	61,052	61,052
Lead and lead pipe .....	20,436	20,436	21,351	21,351
Pipe fittings .....	24,248	24,248	31,412	31,412
Valves .....	24,878	24,878	21,685	21,685
Hardware .....	183,886	183,886	196,694	196,694
Paint and painters' supplies .....	46,167	46,167	65,438	65,438
Explosives .....	45,566	45,566	45,233	45,233
Fencing materials (not to include posts) .....	25,587	25,587	14,676	14,676
Guard rail materials (not to include posts) .....	1,758	1,758	1,982	1,982
Signs, metal .....	22,188	22,188	18,418	18,418

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Table 45. - Cost of Materials Used in Quebec by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936	1937
	Cost Value	Cost Value
Brick .....	\$ 23,150	14,281
Stone, crushed and all other .....	357,148	653,777
Paving blocks .....	4,331	2,182
Gravel .....	164,123	277,246
Sand .....	48,554	72,423
Cement .....	187,585	185,406
Concrete, ready mix .....	8,201	5,799
Bituminous materials (not including oil) .....	479,806	1,116,287
Calcium chloride, salt and other chemicals .....	327,227	255,321
Oil, for road construction .....	37,930	64,775
Borrow pits, earth fill, cinders, etc. .....	7,226	31,019
All other materials .....	372,266	469,812
TOTAL COST OF MATERIALS USED .....	3,506,421	4,730,447

Table 46. - Capital Investment in the Construction Industry in Quebec in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and repair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
1936	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	10,180,043	10,976,067	4,195,735	14,851,297	40,203,162
Municipalities .....	1,651,333	1,925,262	162,481	499,278	4,238,354
Harbour Commissions .....	303,615	539,359	212,922	-	1,065,896
Provincial Government Departments ..	322,661	1,061,209	131,650	-	1,645,520
Dominion Government Departments ...	458,770	850,685	212,345	-	1,557,800
Totals .....	12,916,422	15,382,582	4,951,153	15,350,575	48,600,732
1937					
General and Trade Contractors and Subcontractors .....	11,125,524	11,253,333	6,064,812	16,262,913	44,706,582
Municipalities .....	1,813,247	2,043,320	185,069	655,264	4,696,900
Harbour Commissions .....	306,737	455,052	208,013	-	969,802
Provincial Government Departments ..	407,103	1,605,864	111,636	-	2,124,603
Dominion Government Departments ...	365,747	668,049	91,157	-	1,124,953
Totals .....	14,018,358	16,025,618	6,660,687	16,918,177	53,622,840

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Table 47. - Principal Statistics of the Construction Industry in Ontario in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors ....	4,773	61,965,109	33,396	35,035,888	45,482,625	62,737,215	25,006,320	87,743,535
Municipalities .....	124	6,988,148	11,752	6,393,988	2,576,278	3,172,591	6,178,230	9,348,821
Provincial Government Departments .....	5	1,681,544	6,999	3,740,321	4,053,215	6,691,757	2,227,567	8,919,324
Harbour Commissions and Dominion Government Departments ..	9	2,855,272	2,513	1,522,482	760,220	1,036,204	1,212,549	2,248,753
Totals .....	4,911	73,490,073	54,660	46,692,679	52,872,338	73,637,767	34,622,666	108,260,433
<u>1937</u>								
General and Trade Contractors and Subcontractors ....	4,891	65,481,633	39,770	45,025,572	64,923,413	87,961,633	32,655,137	120,618,770
Municipalities .....	125	7,942,338	6,511	6,194,308	2,980,283	3,152,003	6,951,323	10,103,526
Provincial Government Departments .....	3	2,306,547	10,401	7,495,594	8,284,656	11,822,534	3,964,657	15,787,191
Harbour Commissions .	3	321,585	124	146,437	45,419	106,473	106,199	212,672
Dominion Government Departments .....	5	2,833,753	1,053	1,006,420	616,135	451,220	1,181,148	1,632,368
Totals .....	5,027	78,865,856	57,859	59,868,331	76,849,906	103,493,863	44,858,464	148,352,327

Table 48. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single .....	10,496,182	2,132,075	12,628,257	12,529,632	2,673,427	15,203,259
Dwellings, semi-detached or double ..	700,203	151,068	851,271	653,457	228,000	881,457
Duplexes .....	936,347	164,596	1,100,943	730,212	252,174	982,386
Apartment houses .....	1,713,288	337,234	2,050,522	2,449,070	547,786	2,996,858
Hotels, clubs, restaurants, etc. ....	334,581	229,232	563,813	1,016,863	355,049	1,373,912
Churches and church halls .....	437,742	81,015	518,757	497,918	176,650	674,568
Hospitals and sanatoria .....	1,183,904	55,565	1,239,469	1,471,360	269,072	1,740,432
Schools, institutions, etc. ....	1,018,393	110,598	1,128,991	1,427,466	637,015	2,064,481
Office buildings .....	1,838,335	594,739	2,433,074	4,037,774	1,091,112	5,128,886
Stores .....	1,532,979	1,408,959	2,941,938	1,568,809	2,082,636	3,681,445
Theatres .....	797,770	103,592	901,362	332,294	112,611	444,905
Factories, warehouses and store-houses .....	4,403,767	2,609,105	7,012,892	9,862,628	4,313,945	14,176,573
Grain elevators .....	11,226	128,714	139,940	450,679	86,281	536,960
Garages .....	553,692	123,642	677,334	908,996	138,320	1,047,316
Service stations .....	392,259	464,118	856,377	549,180	455,673	1,004,803
Mine buildings .....	4,768,142	175,815	4,943,957	2,707,081	200,892	2,907,973
Farm buildings .....	345,678	153,218	498,896	560,595	214,123	774,718
Government and municipal buildings ..	4,106,274	827,908	4,934,182	-	-	-
Buildings, unable to specify .....	583,398	155,180	738,578	1,707,770	777,440	2,455,210

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Table 48. - Description, Classification and Value of Work Performed in Ontario By General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Continued.

	1936			1937		
	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 and highways .....	6,303,197	2,167,911	8,471,108	14,738,968	2,519,060	17,058,028
Gravel or stone surfaced streets and highways .....	7,900,434	1,991,375	9,891,809	6,341,213	3,867,486	10,208,699
Dirt or clay streets and highways .....	424,060	-	424,060	1,527,695	123,428	1,651,123
Grading, scraping, oiling, filling, etc. ....	1,500	1,151,380	1,152,880	5,146,128	1,650,920	6,697,048
Sidewalks .....	141,909	432,409	574,318	355,853	214,857	570,710
Roadside maintenance and area improvement .....	18,277	474,785	493,062	190,855	593,467	784,322
Bridges, viaducts, etc. ....	1,666,719	273,796	1,940,515	3,114,883	497,070	3,611,953
Subways, overhead crossings, etc. ....	232,534	5,863	238,397	425,702	9,664	435,366
Culverts, all types .....	472,601	103,041	575,642	1,256,602	123,402	1,380,004
Watermains and connections .....	941,825	703,948	1,645,773	1,238,607	797,330	2,036,937
Sewers and connections .....	732,653	407,499	1,140,152	525,947	348,881	874,828
Storm sewers .....	-	-	-	353,407	48,191	401,598
Tile drains, drainage ditches and open sewers .....	245,260	115,358	368,618	90,165	101,335	191,500
Dams and reservoirs .....	369,688	19,117	388,805	528,585	51,661	580,246
Fencing (excluding temporary snow fencing) .....	190,882	14,635	205,517	554,432	24,421	578,853
Guard rails .....	47,048	36,648	83,696	146,997	63,484	210,481
Signs .....	46,117	47,370	93,487	128,438	64,393	192,831
Zone painting .....	7,446	22,798	30,244	14,913	66,910	81,823
Electric stations, power plants, etc. ....	3,796,976	1,986,807	5,783,783	6,528,099	2,221,012	8,749,111
Transmission lines and towers ....	1,133,315	163,864	1,297,179	3,017,077	381,149	3,398,226
Installation of boilers and machinery .....	163,174	58,828	222,002	-	-	-
Railway (steam) construction work .....	77,922	-	77,922	62,708	55,423	118,131
Railway (electric) construction work .....	-	-	-	-	-	-
Aerodromes or landing fields .....	120,033	20,836	140,869	200,888	60,976	261,864
Park systems .....	160,503	771,127	931,630	45,470	926,456	971,926
Grounds and walks .....	24,536	127,091	151,627	21,291	186,507	207,798
Engineering, unable to specify ....	1,328,002	707,860	2,035,862	480,820	402,166	882,986
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	1,229,932	242,605	1,472,537	973,581	333,080	1,306,661
Retaining walls, embankments and ripraping .....	84,592	36,077	120,669	106,801	63,291	160,092
Canals and waterways .....	-	-	-	19,855	195,454	215,309
Dredging .....	339,028	356,172	696,200	425,308	-	425,308
Pile driving .....	-	-	-	81,382	10,866	92,248
Works, unable to specify .....	7,573	42,268	49,841	15,894	510,874	524,768
<u>Trade Construction</u>						
Air conditioning .....	48,827	-	48,827	214,168	138,396	352,566
Brick laying .....	619,257	131,994	751,251	318,399	173,888	492,287
Carpentry work .....	240,765	651,461	892,226	318,885	468,299	787,184
Commercial refrigeration .....	-	-	-	244,771	78,567	323,333
Concreting and cement work .....	429,354	223,663	653,007	278,151	241,036	519,187
Electrical work .....	962,219	1,373,461	2,335,680	1,014,487	1,622,237	2,636,724
Elevators, service .....	336,954	384,872	721,826	529,987	454,981	984,968
Excavating .....	211,967	14,449	226,418	290,708	41,261	331,989
Flooring, wood .....	37,742	42,189	79,931	31,075	48,332	79,407
Flooring, other .....	-	-	-	27,794	41,183	68,977
Glass and glazing .....	66,175	76,268	142,443	75,941	94,924	170,865
Iathing, plastering and stucco ....	299,858	343,601	643,459	413,615	379,465	793,080
Masonry and stone work .....	199,026	82,639	281,665	185,050	51,103	236,153
Ornamental iron work .....	110,294	17,349	127,643	95,181	40,537	135,718
Painting and decorating .....	321,966	2,159,280	2,461,246	391,253	2,243,569	2,634,822

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

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Table 48. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Plumbing, heating and sanitary engineering .....	3,863,181	4,384,587	8,247,768	4,802,659	4,806,515	9,617,174
Roofing, sheet metal .....	118,246	350,903	469,149	111,732	431,188	542,920
Roofing, all other .....	129,377	562,709	692,086	277,899	732,785	1,010,684
Sheet metal work, other than roofing .....	389,641	813,380	1,203,021	452,670	837,330	1,290,000
Sprinkler installation .....	91,210	-	91,210	292,181	4,007	296,188
Structural steel work .....	-	-	-	785,961	5,409	791,370
Tiling, marble and terrazzo .....	208,004	156,039	364,043	183,069	210,902	393,971
Weatherstripping and insulation .....	41,007	104,862	145,869	27,952	208,793	236,745
Wrecking and demolition .....	-	162,116	162,116	-	119,354	119,354
Trades, unable to specify .....	550,781	121,013	671,794	3,777	566,979	570,756
TOTAL VALUE OF WORK PERFORMED .....	73,637,767	34,622,666	108,260,433	103,493,863	44,858,464	148,352,327

Table 49. - Description, Classification and Value of Work Performed in Ontario by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Brick laying .....	271,255	34,016	305,271	209,948	28,493	238,441
Carpentry work .....	226,800	19,379	246,179	298,127	53,980	352,107
Concreting and cement work .....	391,647	36,536	428,183	210,938	16,912	227,850
Culverts, all types.....	14,888	-	14,888	345,951	50,012	395,963
Electrical work .....	763,242	214,732	977,974	1,266,904	200,128	1,467,032
Elevators, service .....	442,504	-	442,504	-	-	-
Excavating .....	139,305	-	139,305	312,340	2,021	314,381
Flooring, wood .....	37,625	8,181	45,756	{ 91,448	37,920	129,368
Flooring, other .....	-	1,575	1,575	{	-	-
Glass and glazing .....	352,443	167,354	539,797	667,130	259,948	927,078
Installation of boilers and machinery .....	187,381	-	187,381	-	-	-
Lathing, plastering and stucco .....	704,668	185,964	890,632	752,955	193,778	946,733
Masonry and stone work .....	296,777	7,688	304,465	426,542	16,228	442,770
Ornamental iron work .....	384,916	16,250	401,166	466,262	-	466,252
Painting and decorating .....	353,710	193,985	547,695	418,021	261,508	679,529
Plumbing, heating and sanitary engineering .....	2,157,507	460,674	2,618,181	2,218,807	672,030	2,890,837
Roofing, sheet metal .....	219,558	259,775	479,333	409,721	239,052	648,773
Roofing, all other .....	232,626	106,287	338,913	260,099	108,197	368,296
Sheet metal work, other than roofing .....	311,762	86,517	398,279	461,921	156,483	618,404
Structural steel work .....	5,249,596	103,451	5,353,147	6,766,104	162,374	6,928,478
Street and highway paving .....	69,445	-	69,445	-	13,080	13,080
Grading .....	-	-	-	50,513	-	50,513
Tiling, marble and terrazzo .....	622,487	92,873	715,360	647,650	104,634	752,314
Weatherstripping and insulation .....	38,166	-	38,166	71,874	52,143	124,017
Drains .....	7,350	-	7,350	-	-	-
Work, unable to specify .....	633,380	267,315	900,695	942,380	198,772	1,141,152
TOTAL VALUE OF WORK PERFORMED .....	14,109,218	2,282,502	16,391,720	17,295,655	2,827,693	20,123,348

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

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Table 50. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
<u>Building Construction</u>						
Dwellings, single .....	10,480,170	2,129,553	12,609,723	12,529,832	2,666,709	15,195,541
Dwellings, semi-detached or double .....	700,203	151,068	851,271	653,457	228,000	881,457
Duplexes .....	936,347	164,526	1,100,943	730,212	252,174	982,386
Apartment houses .....	1,713,283	337,234	2,050,522	2,449,070	547,788	2,996,858
Hotels, clubs, restaurants, etc. ....	334,551	229,232	563,813	1,018,863	355,049	1,373,912
Churches and church halls .....	437,742	81,015	518,757	497,918	176,650	674,568
Hospitals and sanatoria .....	1,183,904	55,565	1,239,439	1,325,071	224,994	1,550,065
Schools, institutions, etc. ....	1,018,393	110,598	1,128,991	1,402,169	572,701	1,874,870
Office buildings .....	1,809,131	492,115	2,301,296	4,026,090	933,922	4,860,012
Stores .....	1,532,979	1,408,959	2,941,938	1,568,809	2,082,636	3,651,445
Theatres .....	797,770	103,592	901,362	270,807	112,611	383,418
Factories, warehouses and storehouses..	4,366,112	2,583,609	6,949,721	9,768,369	4,249,366	14,015,735
Grain elevators .....	7,095	71,513	78,614	450,679	55,802	506,481
Garages .....	518,556	72,108	590,664	833,776	128,010	961,796
Service stations .....	392,259	464,118	856,377	549,130	455,673	1,004,803
Mine buildings .....	4,768,142	175,515	4,943,957	2,707,081	200,892	2,907,973
Farm buildings .....	344,952	151,532	496,484	554,903	161,052	715,955
Government and municipal buildings ...	3,824,197	175,320	3,999,517	-	-	-
Buildings, unable to specify .....	583,398	155,180	739,578	1,528,506	548,635	2,077,141
<u>Engineering Construction</u>						
Hard surfaced or paved streets and highways .....	3,248,343	719,972	3,968,315	9,163,222	409,623	9,572,845
Gravel or stone surfaced streets and highways .....	( 5,191,830	238,963	5,430,793	4,416,181	698,125	5,114,306
Dirt or clay streets and highways ....	(			1,470,591	36,269	1,506,860
Grading, scraping, oiling, filling, etc. ....	-	-	-	2,750,075	150,151	2,910,226
Sidewalks .....	-	-	-	205,335	4,825	210,160
Bridges, viaducts, etc. ....	1,017,584	19,651	1,037,245	2,288,503	128,969	2,417,472
Subways, overhead crossings, etc. ....	169,442	-	169,442	196,502	-	196,502
Culverts, all types .....	96,958	-	96,958	244,005	8,912	252,917
Watermain and connections .....	227,084	15,907	242,991	743,190	8,560	751,740
Sewers and connections .....	102,448	29,825	132,273	334,230	27,329	361,559
Storm sewers .....	-	-	-	38,971	764	39,735
Open sewers or drains .....	175,705	17,989	193,694	-	-	-
Dams and reservoirs .....	368,649	-	368,649	518,582	3,609	522,191
Electric stations, power plants, etc. ....	3,796,976	1,986,807	5,783,783	6,528,099	2,221,012	8,749,111
Transmission lines and towers .....	1,038,680	86,267	1,124,947	2,906,714	262,753	3,169,467
Installation of boilers and machinery. ....	163,174	58,828	222,002	-	-	-
Railway (steam) construction work ....	( 68,699	-	68,699	62,708	29,562	92,270
Railway (electric) construction work .	(					
Aerodromes or landing fields .....	-	-	-	97,180	-	97,180
Engineering, unable to specify .....	653,449	153,901	807,350	427,607	143,454	571,061
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters. ....	1,165,386	84,426	1,249,812	902,418	130,693	1,033,111
Retaining walls, embankments and rip-rapping .....	58,103	-	58,103	64,093	30,426	94,519
Dredging .....	304,882	-	304,882	399,010	-	399,010
Pile driving .....	-	-	-	81,382	10,866	92,248
Works, unable to specify .....	7,573	356,119	363,692	13,894	485,399	499,293
<u>Trade Construction</u>						
Air conditioning .....	48,827	-	48,827	214,168	138,398	352,586
Brick laying .....	619,257	131,994	761,251	318,399	173,888	492,287
Carpentry work .....	240,765	651,461	892,226	318,885	468,299	787,184
Commercial refrigeration .....	-	-	-	244,771	78,587	323,338
Concreting and cement work .....	429,354	223,653	653,007	278,151	241,036	519,187
Electrical work .....	962,219	1,373,481	2,335,680	1,014,487	1,622,237	2,636,724
Elevators, service .....	338,954	384,872	721,826	529,987	454,981	984,968

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Table 50. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Excavating .....	69,094	2,554	71,648	105,331	9,401	114,732
Flooring, wood .....	37,742	42,189	79,931	31,076	48,332	79,407
Flooring, other .....	-	-	-	27,794	41,183	68,977
Glass and glazing .....	66,175	76,268	142,443	75,941	94,924	170,865
Lathing, plastering and stucco .....	299,858	343,601	643,459	413,615	379,466	793,080
Masonry and stone work .....	198,026	82,639	281,665	185,050	61,103	236,153
Ornamental iron work .....	110,294	17,349	127,643	95,181	40,537	136,718
Painting and decorating .....	321,966	2,139,280	2,461,246	391,253	2,243,569	2,634,822
Plumbing, heating and sanitary engineering .....	3,863,181	4,384,587	8,247,768	4,808,659	4,808,515	9,617,174
Roofing, sheet metal .....	118,246	350,903	469,149	111,732	431,188	542,920
Roofing, all other .....	129,377	562,709	692,086	277,899	732,785	1,010,684
Sheet metal work, other than roofing	389,641	813,380	1,203,021	452,670	837,330	1,290,000
Sprinkler installation .....	91,210	-	91,210	292,181	4,007	296,188
Structural steel work .....	-	-	-	785,961	5,409	791,370
Tiling, marble and terrazzo .....	208,004	156,039	364,043	183,069	210,902	393,971
Weatherstripping and insulation .....	41,007	104,862	145,869	27,952	208,793	236,745
Wrecking and demolition .....	-	162,116	162,116	-	119,354	119,354
Trades, unable to specify .....	550,781	121,013	671,794	52,188	666,979	619,167
TOTAL VALUE OF WORK PERFORMED ....	62,737,215	25,006,320	87,743,535	87,961,633	32,656,137	120,616,770

Table 51. - Description, Classification and Value of Work Performed in Ontario, by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
	\$	\$	\$	\$	\$	\$
Office buildings .....	29,154	102,624	131,778	11,684	257,190	268,874
Warehouses or storehouses .....	37,675	25,496	63,171	96,259	64,579	160,838
Garages .....	35,136	51,534	86,670	75,220	10,310	85,530
Elevators, grain .....	-	57,198	57,198	-	30,479	30,479
Theatres .....	-	-	-	61,487	-	61,487
Schools .....	-	-	-	25,297	64,314	89,611
Hospitals .....	-	-	-	146,289	44,078	190,367
Farm buildings .....	-	-	-	6,692	53,071	58,763
Residences .....	16,012	2,522	18,634	-	6,718	6,718
All other buildings and structures ..	286,931	654,274	941,205	179,264	228,805	408,069
Hard surfaced or paved streets and highways .....	3,054,854	1,447,939	4,502,793	5,575,746	1,909,437	7,485,183
Gravel or stone surfaced streets and highways .....	2,708,604	1,752,412	4,461,016	1,925,032	3,169,361	5,094,393
Dirt or clay streets and highways .....	424,060	-	424,060	57,104	87,169	144,263
Grading, scraping, oiling, filling, etc. .....	-	1,150,060	1,150,060	2,386,053	1,400,769	3,786,822
Sidewalks .....	137,384	432,409	569,793	160,518	210,032	360,550
Roadside maintenance and area improvement (including brush and weed cutting) .....	18,277	474,785	493,062	190,856	593,467	784,322
Bridges and viaducts, all types .....	649,135	254,135	903,270	826,350	368,101	1,194,481
Subways, overhead crossings, etc. ....	63,092	5,863	68,955	229,200	9,664	238,864
Culverts, all types .....	340,867	75,671	416,538	(1,012,697	114,490	1,127,087
Side entrance culverts .....	34,776	16,065	50,841	-	-	-
Storm sewers .....	198,646	32,379	231,025	314,436	47,427	361,863
Tile drains, drainage ditches and open sewers .....	69,555	95,369	164,924	90,165	101,335	191,500

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Table 51. - Description, Classification and Value of Work Performed in Ontario, by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937. - Concluded.

	1936			1937		
	New Construction	Alterations, Maintenance and Repairs	Total Value	New Construction	Alterations, Maintenance and Repairs	Total Value
Fencing (excluding temporary snow fencing)	\$	\$	\$	\$	\$	\$
Guard rails	189,362	14,635	204,017	506,021	24,421	530,442
Signs	47,048	36,648	83,696	146,897	63,484	210,461
Zone painting	46,117	47,370	93,487	128,438	64,593	192,831
Watermains, water systems and connections	7,446	22,798	30,244	14,913	66,910	81,823
Reservoirs	714,741	635,061	1,400,782	495,417	788,780	1,284,197
Sewers, sewage systems and connections	-	-	-	1,163	3,733	4,896
Pole or distribution lines, electric	431,559	345,295	776,854	191,717	321,557	513,269
Docks, wharves, piers, breakwaters	94,635	77,597	172,232	110,363	118,396	228,759
Retaining walls and ripraping	64,546	158,179	222,725	71,163	202,387	273,550
Canal reaches	26,489	30,837	57,326	42,708	22,865	65,573
Canal locks	-	-	-	19,856	11,960	31,815
Canal gates	-	-	-	-	148,427	148,427
Water control or dams	-	-	-	8,840	35,067	53,159
Aerodromes or landing fields	120,033	12,306	132,639	103,702	46,976	150,684
Dredging	34,146	47,561	81,707	26,298	25,475	51,773
Excavating	142,873	11,895	154,768	185,377	31,860	217,237
Park systems	146,893	771,127	912,020	45,470	926,456	971,926
Grounds and walks	24,536	127,091	151,627	21,291	186,507	207,798
Railway (steam) construction work	-	-	-	-	25,861	25,861
Work, unable to specify	705,960	594,231	1,300,181	53,213	272,712	325,925
TOTAL VALUE OF WORK PERFORMED	...	10,900,552	9,616,346	20,516,898	15,532,230	12,203,327
						27,735,557

Table 52. - Cost of Materials Used in Ontario, by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost Value	Cost Value	Cost Value	Cost Value
Lumber and timber, rough and dressed	\$	\$	\$	\$
Lumber and timber, creosoted or chemically treated	341,233	442,547	72,380	160,080
Piling, wood (including treated piling)	20,318	5,130	18,409	5,662
Piling, steel	472	144	-	-
Piling, other	31,626	73,478	44,991	110,866
Posts, wood	3,617	2,831	-	-
Posts, steel	42,986	57,570	22,008	3,580
Posts, other	287,563	586,102	28,211	15,341
Iron and steel shapes	18,165	49,011	287,114	676,771
Iron and steel forms	45,052	60,161	58,809	71,993
Iron and steel reinforcing	105,552	165,944	16,211	20,760
Hydrants	20,355	5,971	3,724	4,273
Manhole covers and frames	9,809	4,970	20,355	4,970
Pipe, metal	153,138	208,118	77,076	139,686
Pipe, concrete	22,109	17,559	58,850	51,407
Pipe, vitrified clay, etc.	31,811	26,330	-	-
Culverts	-	-	-	-
Rope or cable, wire	-	-	-	-
Rope, other	-	-	-	-
Wire netting or mesh	-	-	-	-
Electric light standards	-	-	-	-
Electrical supplies	-	-	-	-
Plumbing and shop supplies	-	-	-	-
Lead and lead pipe	-	-	-	-
Pipe fittings	-	-	-	-
Valves	-	-	-	-

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Table 52. - Cost of Materials Used in Ontario, by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936	1937
	Cost Value	Cost Value
Hardware .....	287,324	220,891
Paint and painters' supplies .....	80,586	130,411
Explosives .....	58,089	82,722
Fencing materials (not to include posts) .....	86,734	218,971
Guard rail materials (not to include posts) .....	13,592	43,381
Signs, metal .....	22,530	65,792
Brick .....	36,729	33,242
Stone, crushed and all other .....	934,806	1,410,712
Paving blocks .....	3,299	4,765
Gravel .....	461,354	676,021
Sand .....	94,322	125,459
Cement .....	1,096,587	2,823,843
Concrete, ready mix .....	20,585	19,453
Bituminous materials (not including oil) .....	1,061,812	1,874,447
Calcium chloride, salt and other chemicals .....	420,810	478,780
Oil, for road construction .....	231,360	233,420
Borrow pits, earth fill, cinders, etc. .....	55,653	47,994
Materials used, unable to classify .....	615,452	469,904
TOTAL COST OF MATERIALS USED .....	7,389,713	11,926,493

Table 53. - Capital Investment in the Construction Industry in Ontario in 1936 and 1937.

	Buildings, land, etc.	Equipment, Machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and repair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	17,992,097	16,595,405	7,118,321	20,259,226	61,965,109
Municipalities .....	2,190,891	2,328,201	564,014	1,905,042	6,988,148
Provincial Government Depart- ments .....	596,907	972,848	111,789	-	1,681,544
Harbour Commissions and Domi- nion Government Departments ..	309,756	1,080,979	1,464,537	-	2,855,272
Totals .....	21,089,651	20,977,433	9,258,721	22,164,268	73,490,073
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	15,707,382	17,505,126	9,648,507	22,600,668	65,461,633
Municipalities .....	2,310,075	2,550,085	647,431	2,434,747	7,942,338
Provincial Government Depart- ments .....	364,899	660,299	137,547	1,143,802	2,306,547
Harbour Commissions .....	146,493	129,203	45,889	-	321,585
Dominion Government Departments	275,464	2,250,219	308,070	-	2,833,763
Totals .....	18,804,263	23,094,932	10,787,444	26,179,217	78,865,856

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

MANITOBA

Table 54. - Principal Statistics of the Construction Industry in Manitoba in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	495	5,744,275	3,790	3,666,777	5,019,171	6,387,188	3,047,149	9,434,337
Municipalities .....	6	464,370	540	565,344	253,274	316,315	544,192	859,507
Harbour Commissions, Provincial and Dominion Government Departments ..	8	2,258,216	2,036	1,518,102	872,550	1,952,135	683,043	2,635,178
Totals .....	509	8,466,861	6,366	5,750,223	6,144,995	8,654,638	4,274,384	12,929,022
<u>1937</u>								
General and Trade Contractors and Subcontractors .... ....	506	5,489,471	3,402	3,514,633	5,898,725	5,330,190	4,125,145	9,455,335
Municipalities .....,.....	6	514,593	577	645,884	291,546	290,632	673,203	963,835
Harbour Commissions, Provincial and Dominion Government Departments ..	8	370,528	1,270	1,177,081	529,976	1,152,210	903,946	2,056,156
Totals .....	520	6,374,592	5,249	5,337,598	6,720,247	6,773,032	5,702,294	12,475,326

Table 55. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, and Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	503,570	414,228	917,798	661,075	454,883	1,115,958
Dwellings, semi-detached or double .....	-	55,991	55,991	8,780	66,313	75,093
Duplexes .....	-	28,264	28,264	30,004	56,672	86,676
Apartment houses .....	-	79,938	79,938	-	53,575	53,575
Hotels, clubs, restaurants, etc. ....	-	41,388	41,388	73,558	32,809	106,367
Churches and church halls .....	-	12,066	12,066	-	7,872	7,872
Hospitals and sanatoria .....	48,812	11,518	60,330	96,777	26,556	123,333
Schools, institutions, etc. ....	115,222	9,814	125,036	155,556	30,144	185,700
Office buildings .....	-	127,528	127,528	185,486	81,799	267,286
Stores .....	76,061	222,341	298,402	93,268	493,636	586,904
Theatres .....	-	12,463	12,463	-	-	-
Factories, warehouses and storehouses ..	469,250	164,179	633,429	744,460	238,566	983,026
Grain elevators .....	91,398	172,395	263,793	165,838	221,570	387,408
Garages .....	45,250	16,565	61,815	162,948	8,026	170,973
Service stations .....	-	-	-	19,876	89,106	108,982
Farm buildings .....	37,329	6,663	44,252	50,447	16,132	66,579
Government and municipal buildings ..	528,821	117,777	646,598	-	-	-
All other buildings .....	232,547	37,606	270,153	816,535	187,000	1,003,535
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	575,099	244,430	819,529	494,669	133,400	626,069
Gravel or stone surfaced roads .....	911,840	211,730	1,123,570	913,962	325,166	1,239,128
Dirt or clay roads .....	637,459	-	637,459	87,662	37,297	124,959
Grading, scraping, oiling, filling, etc.	-	224,839	224,839	-	311,345	311,345
Roadside maintenance and area improvement .....	-	18,919	18,919	10,747	49,350	60,097

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Table 55. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions, and Provincial and Dominion Government Departments in 1936 and 1937, - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction - concluded</u>	\$	\$	\$	\$	\$	\$
Sidewalks .....	27,398	35,461	62,859	24,807	46,013	70,820
Bridges and viaducts, all types .....	414,230	49,945	464,175	83,636	59,302	142,938
Subways, overhead crossings, etc. ....	-	-	-	121,664	3,824	125,488
Culverts .....	72,382	20,422	92,804	40,116	24,988	65,104
Watermains, waterworks systems and connections .....	40,920	-	40,920	73,122	183,445	256,567
Sewers and sewage disposal works....	1,359,834	-	1,359,834	216,145	102,350	318,895
Tile drains, drainage ditches and open sewers .....	53,908	2,467	56,375	45,858	3,796	49,654
Dams and reservoirs .....	92,425	-	92,425	208,106	14,887	222,993
Fencing (excluding temporary snow fencing) .....	2,310	1,182	3,492	-	-	-
Guard rails .....	5,000	4,717	9,717	2,273	6,768	9,041
Signs .....	-	13,567	13,567	1,122	8,113	9,235
Zone painting .....	-	-	-	-	13,766	13,766
Transmission lines and towers .....	-	-	-	-	3,005	3,005
Park systems .....	23,930	16,243	39,178	10,359	15,626	25,985
Grounds and walks .....	-	-	-	-	8,781	8,781
All other engineering .....	1,140,818	302,508	1,443,326	513,298	472,343	985,641
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	2,144	12,758	14,902	-	12,702	12,702
Retaining walls, embankments and ripraping .....	6,970	19,854	26,824	-	22,948	22,948
Dredging .....	130,714	-	130,714	16,984	42,004	58,988
All other work .....	-	-	-	16,768	-	16,768
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	24,860	5,526	30,386
Brick laying .....	-	4,470	4,470	-	4,721	4,721
Carpentry work .....	37,561	30,504	68,065	11,219	28,219	39,438
Concreting and cement work .....	6,144	44,754	50,898	3,906	85,452	89,358
Electrical work .....	63,689	95,312	159,001	52,972	166,859	219,831
Elevators, service .....	-	-	-	39,189	94,374	133,568
Excavating .....	12,273	-	12,273	-	4,581	4,581
Flooring, wood .....	-	-	-	-	1,032	1,032
Glass and glazing .....	-	34,112	34,142	-	39,434	39,434
Lathing, plastering and stucco .....	-	55,044	55,044	19,922	35,545	55,467
Masonry and stone work .....	-	-	-	-	3,850	3,850
Painting and decorating .....	-	220,187	220,187	38,962	242,614	281,576
Plumbing, heating and sanitary engineering .....	227,337	428,582	655,919	218,660	416,861	635,521
Roofing, all other .....	35,323	114,072	149,395	-	100,471	100,471
Sheet metal work, other than roofing .....	-	145,463	145,463	24,725	77,253	101,978
Weatherstripping and insulation .....	-	73,807	73,807	-	65,092	65,092
Wrecking and demolition .....	-	43,994	43,994	-	-	-
All other trades .....	627,610	274,287	901,897	192,731	364,333	557,064
TOTAL VALUE OF WORK PERFORMED ...	8,654,638	4,274,384	12,929,022	6,773,032	5,702,294	12,475,326

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Table 56. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Building Construction</b>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	503,570	414,228	917,798	660,456	453,036	1,134,492
Dwellings, semi-detached or double .....	-	55,991	55,991	8,780	66,313	75,093
Duplexes .....	-	28,264	28,264	30,004	56,672	86,676
Apartment houses .....	-	79,938	79,938	-	53,575	53,575
Hotels, clubs, restaurants, etc. .....	-	41,388	41,388	73,558	32,809	106,367
Churches and church halls .....	-	12,066	12,066	-	7,872	7,872
Hospitals and sanatoria .....	48,812	11,518	60,330	96,777	26,556	123,333
Schools, institutions, etc. .....	115,222	9,814	125,036	150,913	30,144	181,057
Office buildings .....	-	68,026	68,026	185,222	80,174	265,398
Stores .....	76,061	222,341	298,402	93,268	493,636	586,904
Theatres .....	-	12,463	12,463	-	-	-
Factories, warehouses and store-houses .....	457,729	164,129	621,858	729,062	229,506	958,568
Grain elevators .....	91,398	180,202	251,600	165,838	219,610	385,448
Garages .....	36,622	16,565	53,187	162,748	8,025	170,773
Service stations .....	-	-	-	19,876	89,106	108,982
Farm buildings .....	37,389	6,663	44,052	50,447	15,703	66,150
Government and municipal buildings .....	485,012	35,398	520,410	-	-	-
All other buildings .....	229,487	37,606	267,093	802,712	72,418	875,130
<b>Engineering Construction</b>						
Hard surfaced or paved roads .....	-	-	-	290,195	-	290,195
Gravel or stone surfaced roads .....	( 501,991	-	501,991	130,200	-	130,200
Dirt or clay roads .....	( 501,991	-	-	44,010	-	44,010
Sidewalks .....	-	-	-	4,459	-	4,459
Sewers and sewage disposal works and connections .....	1,226,061	-	1,226,061	211,278	-	211,278
Dams and reservoirs .....	74,996	-	74,996	-	-	-
All other engineering .....	1,504,461	105,931	1,610,392	777,119	453,123	1,230,242
<b>Harbours, Rivers, etc.</b>						
All works (unable to specify) .....	-	-	-	16,122	650	16,772
<b>Trade Construction</b>						
Air conditioning .....	-	-	-	24,860	5,526	30,386
Brick laying .....	-	4,470	4,470	-	4,721	4,721
Carpentry work .....	37,561	30,504	68,065	11,219	28,219	39,438
Concreting and cement work .....	6,144	44,754	50,898	3,906	85,452	89,358
Electrical work .....	63,689	95,312	159,001	52,972	166,859	219,881
Elevators, service .....	-	-	-	39,189	94,374	133,565
Excavating .....	-	-	-	-	4,581	4,581
Flooring, wood .....	-	-	-	-	1,032	1,032
Glass and glazing .....	-	34,142	34,142	-	39,434	39,434
Lathing, plastering and stucco .....	-	55,044	55,044	19,922	35,545	55,467
Masonry and stone work .....	-	-	-	-	3,850	3,850
Painting and decorating .....	-	220,187	220,187	38,962	242,614	281,576
Plumbing, heating and sanitary engineering .....	227,337	423,582	655,919	218,660	416,861	635,521
Roofing, all other .....	35,323	114,072	149,395	-	100,471	100,471
Sheet metal work, other than roofing .....	-	145,463	145,463	24,725	77,253	101,978
Weatherstripping and insulation .....	-	73,807	73,807	-	65,092	65,092
Wrecking and demolition .....	-	43,994	43,994	-	-	-
All other trades .....	628,323	274,287	902,610	192,731	364,333	557,084
<b>TOTAL VALUE OF WORK PERFORMED ..</b>	<b>6,387,188</b>	<b>3,047,149</b>	<b>9,434,337</b>	<b>5,330,190</b>	<b>4,125,145</b>	<b>9,455,335</b>

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Table 57. - Description, Classification and Value of Work Performed in Manitoba by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	\$ 3,060	\$ 59,502	\$ 62,562	\$ -	\$ 1,625	\$ 1,625
Warehouses or storehouses .....	11,521	-	11,521	15,398	9,060	24,458
Garages .....	8,628	-	8,628	-	-	-
Elevators, grain .....	-	12,193	12,193	-	1,960	1,960
Residences .....	-	-	-	-	1,847	1,847
Schools .....	-	-	-	4,643	-	4,643
All other buildings .....	43,809	82,429	126,238	14,886	115,011	129,897
Hard surfaced or paved roads .....	367,130	244,430	611,560	204,474	133,082	337,556
Gravel and stone surfaced roads .....	409,849	154,276	564,125	783,782	326,166	1,108,928
Dirt or clay roads .....	637,459	-	637,459	43,662	37,297	80,949
Grading, scraping, oiling, filling, etc. ....	-	224,839	224,839	-	311,345	311,345
Sidewalks .....	27,398	35,461	62,859	20,348	46,008	66,356
Roadside maintenance and area improve- ment .....	-	18,919	18,919	10,747	49,350	60,097
Bridges and viaducts, all types .....	115,049	43,754	158,803	44,868	59,302	103,970
Subways, overhead crossings, etc. ....	-	-	-	112,697	3,824	116,521
Culverts, all types .....	70,384	19,896	90,280	40,052	24,986	65,018
Tile drains, drainage ditches and open sewers .....	42,104	2,263	44,367	45,659	3,796	49,654
Fencing (excluding temporary snow fencing) .....	2,310	1,182	3,492	-	-	-
Guard rails .....	5,000	4,717	9,717	2,273	6,768	9,041
Signs .....	-	13,567	13,567	1,122	8,113	9,235
Zinc painting .....	-	-	-	-	13,768	13,768
Watermains, water systems and connections .....	26,705	-	26,705	17,252	182,328	199,578
Sewers, sewage systems and connect- ions .....	-	-	-	4,367	100,925	105,792
Central electric stations .....	-	-	-	-	6,802	6,802
Pole or distribution lines, electric ..	-	-	-	-	1,855	1,855
Docks, wharves, piers, breakwaters ..	2,144	12,758	14,902	-	12,702	12,702
Retaining walls and riprappling .....	6,970	19,854	26,824	-	22,298	22,298
Water control or dams .....	17,429	-	17,429	35,508	14,887	50,395
Dredging .....	130,714	-	130,714	16,984	42,004	58,988
Excavating .....	11,560	-	11,560	-	-	-
Park systems .....	22,930	16,243	39,173	10,359	15,826	25,985
Grounds and walks .....	-	-	-	-	8,781	8,781
All other work .....	305,297	260,952	566,249	13,292	16,657	29,949
TOTAL VALUE OF WORK PERFORMED ..	2,267,450	1,227,235	3,494,685	1,442,842	1,577,149	3,019,991

Table 58. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$ -	\$ -	\$ -	\$ -	\$ 5,106	\$ 5,106
Brick laying .....	-	-	-	1,482	-	1,482
Carpentry work .....	5,543	-	5,543	8,989	-	8,989
Electrical work .....	49,238	106,149	155,387	86,911	-	86,911
Glass and glazing .....	37,345	-	37,345	41,012	-	41,012
Lathing, plastering and stucco .....	11,347	23,019	34,386	28,993	32,254	61,247
Painting and decorating .....	30,683	31,754	62,337	22,641	27,671	50,312
Plumbing, heating and sanitary engin- eering .....	71,073	49,928	121,001	191,543	82,693	274,236
Roofing, sheet metal .....	-	7,265	7,265	-	-	-

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Table 58. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Roofing, all other .....	\$	\$	\$	\$	\$	\$
Tiling, marble and terrazzo .....	-	-	-	58,912	44,675	103,587
All other work .....	722,582	159,696	882,278	41,494	8,883	50,377
				888,968	273,890	1,162,858
TOTAL VALUE OF WORK PERFORMED.	927,711	377,811	1,305,522	1,370,945	475,172	1,846,117

Table 59. - Cost of Materials Used in Manitoba by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$	\$	\$	\$
Lumber and timber, creosoted or chemically treated .....	82,338	79,514	47,223	24,474
Piling, wood (including treated piling) .....	2,326	3,796	541	-
Piling, other .....	2,709	733	2,185	1,506
Posts, wood .....	3,657	9,952	2,885	1,674
Posts, steel .....	4,429	7,082	1,934	-
Iron and steel shapes .....	3,315	1,221	56,676	33,892
Iron and steel forms .....	-	726	4,199	3,982
Iron and steel reinforcing .....	12,397	10,558	1,964	2,319
Hydrants .....	1,964	-	575	-
Manhole covers and frames .....	15,105	10,490	20,471	27,750
Pipe, metal .....	489	325	11,965	6,007
Pipe, concrete .....	-	-	2,271	8,056
Pipe, vitrified clay, etc. ....	32,910	22,934	14,147	12,997
Culverts .....	2,030	9,867	3,338	4,054
Rope or cable, wire .....	3,883	1,590	820	-
Rope, other .....	137,406	5,494	5,494	3,155
Electrical supplies .....	40,684	2,016	2,016	1,153
Plumbing and shop supplies .....	150,273	40,684	40,684	36,683
Lead and lead pipe .....	4,204	154,085	4,204	15,633
Pipe fittings .....	46,846	154,085	46,846	62,576
Valves .....	3,736	154,085	3,736	5,384
Hardware .....	36,857	166,536	36,857	166,536
Paint and painters' supplies .....	3,883	2,383	3,883	2,383
Explosives .....	137,406	16,241	137,406	16,241
Fencing materials (not to include posts) .....	3,724	-	3,724	-
Guard rail materials (not to include posts) .....	355,802	82,185	355,802	82,185
Signs, metal .....				
Brick .....				
Stone, crushed and all other .....				
Gravel .....				
Sand .....				
Cement .....				
Concrete, ready-mix .....				
Bituminous materials (not including oil) .....				
Calcium chloride, salt and other chemicals .....				
Oil, for road construction .....				
Borrow pits, earth fill, cinders, etc. ....				
All other materials .....				
TOTAL COST OF MATERIALS .....	1,125,824	821,522		

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Table 60. - Capital Investment in the Construction Industry in Manitoba in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	1,447,238	1,311,137	689,502	2,296,398	5,744,275
Municipalities .....	141,790	253,966	65,766	2,848	464,370
Harbour Commissions, Provincial and Dominion Government Departments .....	327,167	1,696,276	234,773	-	2,258,216
Totals .....	1,916,195	3,261,379	990,041	2,299,246	8,466,861
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	1,457,851	1,079,786	794,659	2,157,175	5,489,471
Municipalities .....	192,415	252,581	69,597	-	514,593
Harbour Commissions, Provincial and Dominion Government Departments .....	79,379	238,302	52,847	-	370,528
Totals .....	1,729,645	1,570,669	917,103	2,157,175	6,374,592

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

## SASKATCHEWAN

Table 61. - Principal Statistics of the Construction Industry in Saskatchewan in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors ....	339	2,842,258	1,839	1,602,848	2,795,693	2,947,341	2,025,793	4,973,134
Municipalities ....	9	377,923	697	330,095	123,842	97,265	396,479	493,744
Provincial and Dominion Government Departments ....	7	488,781	3,781	1,916,464	301,852	1,920,447	927,343	2,847,790
Totals .....	355	3,708,962	6,317	3,849,407	3,221,387	4,965,053	3,349,615	8,314,668
<u>1937</u>								
General and Trade Contractors and Subcontractors ...	322	2,651,826	1,763	1,726,527	3,021,347	2,413,613	2,607,120	4,920,793
Municipalities ....	9	389,098	536	330,209	153,589	115,576	382,076	497,651
Provincial and Dominion Government Departments ....	5	659,044	3,361	1,348,637	287,719	2,250,671	767,380	3,018,051
Totals .....	336	3,699,968	5,660	3,405,373	3,162,555	4,779,859	3,656,636	8,436,495

Table 62. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities and Provincial and Dominion Government Departments in 1936 and 1937.

	New Construction	1936		1937		Total Value
		Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	
<u>Building Construction</u>						
Dwellings, single .....	180,490	138,044	318,934	123,983	174,664	298,647
Dwellings, semi-detached or double ...	-	-	-	-	16,149	16,149
Duplexes .....	-	8,100	8,100	-	-	-
Apartment houses .....	-	16,423	16,423	-	82,606	82,606
Hotels, clubs, restaurants, etc. ....	-	16,986	16,986	25,125	13,389	38,514
Churches and church halls .....	11,671	3,322	14,993	-	803	803
Hospitals and sanatoria .....	-	6,716	6,716	60,804	4,382	65,186
Schools, institutions, etc. ....	106,263	2,212	108,475	106,753	6,309	113,062
Office buildings .....	28,634	27,607	56,241	68,023	90,595	155,618
Stores .....	120,492	62,167	182,659	87,142	70,025	157,167
Factories, warehouses and storehouses .....	189,929	253,993	443,982	175,022	555,770	730,792
Grain elevators .....	363,159	747,681	1,110,840	350,423	538,115	885,538
Garages .....	91,848	5,819	97,667	8,242	29,184	37,426
Service stations .....	-	-	-	18,622	-	18,622
Farm buildings .....	10,418	15,077	25,495	31,083	20,326	51,409
Government and municipal buildings ...	547,119	25,251	572,370	-	-	-
All other buildings .....	201,468	137,416	338,884	350,161	210,764	560,925
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	701,667	22,433	724,100	147,493	23,092	170,585
Gravel or stone surfaced roads .....	337,632	71,788	409,420	499,700	95,720	595,420
Dirt or clay roads .....	796,952	-	796,952	1,147,505	739,592	1,887,097
Grading, scraping, oiling, filling, etc. ....	-	726,901	726,901	-	30,909	30,909
Sidewalks .....	-	14,979	14,979	2,629	24,846	27,475
Roadside maintenance and area improvement .....	-	2,238	2,238	900	2,034	2,934
Bridges and viaducts, all types .....	393,382	76,935	470,317	207,792	2,624	210,416
Subways, overhead crossings, etc. ....	45,000	-	45,000	124,909	-	124,909

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Table 62. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities and Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<b>Engineering Construction - concluded.</b>						
Culverts .....	-	4,498	4,498	-	5,950	5,950
Watermains, waterworks systems and connections .....	49,231	107,963	157,194	46,778	92,104	138,880
Sewers, sewage disposal works and connections .....	48,589	85,529	134,118	13,201	60,974	74,175
Storm sewers .....	-	-	-	6,469	4,805	11,074
Tile drains, drainage ditches and open sewers .....	-	10,152	10,162	-	1,572	1,572
Dams and reservoirs .....	164,022	-	164,022	181,123	11,431	192,554
Fencing (excluding temporary snow fencing) .....	-	-	-	237,001	529	237,530
Guard rails .....	-	-	-	-	415	415
Signs .....	-	-	-	-	815	815
Zone painting .....	-	-	-	-	1,000	1,000
Central electric stations, light and power plants .....	-	-	-	-	4,763	4,763
Transmission lines and towers .....	-	38,991	38,991	144,773	54,343	199,116
Installation of boilers and machinery.	62,574	-	62,574	-	-	-
Aerodromes or landing fields .....	6,927	-	6,927	64,094	1,774	65,868
Park systems .....	1,449	16,811	18,260	-	14,155	14,155
Grounds and walks .....	8,526	-	8,526	858	6,440	7,098
All other engineering .....	210,309	172,496	383,305	310,393	73,905	384,298
<b>Harbours, Rivers, etc.</b>						
Canals and waterways .....	-	-	-	-	541	541
Dredging .....	-	-	-	-	13,057	13,057
All other work .....	58,152	1,899	60,051	29,500	298	29,798
<b>Trade Construction</b>						
Air conditioning .....	-	-	-	10,983	1,389	12,372
Brick laying .....	-	1,168	1,168	-	1,777	1,777
Carpentry work .....	4,991	10,587	15,578	-	17,724	17,724
Concreting and cement work .....	4,747	4,943	9,690	-	5,900	5,900
Electrical work .....	35,874	67,959	103,833	30,262	96,614	126,876
Excavating .....	-	-	-	7,457	-	7,457
Flooring, wood .....	-	-	-	-	5,921	5,921
Lathing, plastering and stucco .....	-	12,142	12,142	2,240	8,349	10,589
Painting and decorating .....	2,098	89,052	91,150	-	92,804	92,804
Plumbing, heating and sanitary engineering .....	90,054	195,845	285,899	75,249	209,766	205,015
Roofing, sheet metal .....	2,275	866	3,141	-	-	-
Roofing, all other .....	8,012	22,898	30,910	7,334	9,889	17,223
Sheet metal work, other than roofing .....	15,994	73,548	89,542	12,226	72,453	84,679
Tiling, marble and terrazzo .....	-	-	-	-	2,118	2,118
Weatherstripping and insulation .....	-	936	936	-	-	-
All other trades .....	64,145	49,234	113,379	63,809	51,363	115,172
<b>TOTAL VALUE OF WORK PERFORMED .....</b>	<b>4,065,053</b>	<b>3,349,615</b>	<b>8,314,668</b>	<b>4,779,859</b>	<b>3,656,636</b>	<b>8,436,495</b>

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

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Table 63. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	180,390	137,528	318,418	120,683	172,749	293,432
Dwellings, semi-detached or double ..	-	-	-	-	16,149	16,149
Duplexes .....	-	8,100	8,100	-	-	-
Apartment houses .....	-	16,423	16,423	-	82,606	82,606
Hotels, clubs, restaurants, etc. ....	-	10,986	10,986	25,126	13,389	38,514
Churches and church halls .....	11,671	3,322	14,993	-	803	803
Hospitals and sanatoria .....	-	6,716	6,716	60,804	4,382	65,186
Schools, institutions, etc .....	106,263	2,212	108,475	101,728	6,309	108,037
Office buildings .....	18,546	11,136	29,682	68,023	75,898	143,921
Stores .....	120,492	62,167	182,659	87,142	70,025	157,167
Factories, warehouses and storehouses .....	186,570	252,695	439,265	150,126	549,085	700,111
Grain elevators .....	363,159	747,475	1,110,634	350,423	537,988	888,411
Garages .....	91,368	5,819	97,187	8,242	29,034	37,276
Service stations .....	-	-	-	18,622	-	18,622
Farm buildings .....	30,418	10,880	21,298	16,732	13,510	30,242
Government and municipal buildings ..	469,019	11,137	480,156	-	-	-
All other buildings .....	201,468	137,416	338,884	343,611	201,889	545,500
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	(	-	-	-	-	-
Gravel or stone surfaced roads .....	(	275,416	-	275,416	-	-
Dirt or clay roads .....	(	-	-	60,547	-	60,547
Bridges, viaducts, all types .....	391,053	-	391,053	58,250	-	58,250
Watermains, waterworks systems and connections .....	-	-	-	18,217	-	18,217
Dams and reservoirs .....	124,022	-	124,022	161,416	-	161,416
Central electric stations, light and power plants .....	-	-	-	-	4,763	4,763
Installation of boilers and machinery .....	62,574	-	62,574	-	-	-
Transmission lines and towers .....	-	-	-	138,840	-	138,840
Aerodromes or landing fields .....	-	-	-	37,122	-	37,122
All other engineering .....	53,845	74,045	127,890	353,977	151,634	505,611
<u>Harbours, Rivers, etc.</u>						
All works (unable to specify) .....	52,377	-	52,377	29,500	-	29,500
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	10,983	1,309	12,372
Brick laying .....	-	1,168	1,168	-	1,777	1,777
Carpentry work .....	4,991	10,587	15,578	-	17,724	17,724
Concreting and cement work .....	4,747	4,943	9,690	-	5,900	5,900
Electrical work .....	35,874	67,959	103,833	30,262	96,614	126,876
Flooring, wood .....	-	-	-	-	5,921	5,921
Lathing, plastering and stucco .....	-	12,142	12,142	2,240	8,349	10,589
Painting and decorating .....	2,098	69,052	91,150	-	92,804	92,804
Plumbing, heating and sanitary engineering .....	90,054	195,845	285,899	75,249	209,766	285,015
Roofing, sheet metal .....	2,275	866	3,141	-	-	-
Roofing, all other .....	8,012	22,898	30,910	7,334	9,889	17,223
Sheet metal work, other than roofing .....	15,994	73,548	89,542	12,226	72,453	84,679
Tiling, marble and terrazzo .....	-	-	-	-	2,118	2,118
Weatherstripping and insulation .....	-	936	936	-	-	-
All other trades .....	64,145	41,792	105,937	66,189	51,363	117,552
<b>TOTAL VALUE OF WORK PERFORMED ....</b>	<b>2,947,341</b>	<b>2,025,793</b>	<b>4,973,134</b>	<b>2,413,613</b>	<b>2,507,180</b>	<b>4,920,793</b>

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Table 64. - Description, Classification and Value of Work Performed by Subcontractors in Saskatchewan in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Brick laying .....	\$ -	\$ -	\$ -	\$ -	\$ 1,925	\$ 1,925
Electrical work .....	-	19,862	19,862	36,820	31,828	68,648
Excavating .....	9,590	-	9,590	-	-	-
Lathing, plastering and stucco .....	37,022	14,332	51,354	18,702	14,853	33,585
Painting and decorating .....	10,646	8,019	18,665	7,482	8,546	16,028
Plumbing, heating and sanitary engineering .....	123,244	44,101	167,345	58,868	66,712	125,580
Roofing, all other .....	-	7,195	7,195	9,751	17,014	26,765
Sheet metal work, other than roofing .....	-	20,851	20,851	27,135	9,453	36,568
Tiling and marble work .....	-	-	-	15,021	-	15,021
All other work .....	233,890	50,168	284,058	38,801	45,377	84,178
TOTAL VALUE OF WORK PERFORMED .....	414,392	164,528	578,920	212,580	195,668	408,248

Table 65. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	\$ 10,088	\$ 16,471	\$ 26,559	\$ -	\$ 14,697	\$ 14,697
Warehouses or storehouses .....	3,419	1,298	4,717	24,896	5,785	30,681
Residences .....	-	-	-	3,300	1,916	5,215
Farm buildings .....	-	-	-	14,351	6,816	21,167
Schools .....	-	-	-	5,025	-	5,025
All other buildings .....	78,580	19,033	97,613	6,550	8,875	15,425
Hard surfaced or paved roads .....	498,000	22,337	520,337	105,311	23,092	128,403
Gravel and stone surfaced roads .....	265,883	66,359	332,242	489,179	64,936	554,115
Dirt or clay roads .....	796,952	-	796,952	1,086,958	714,592	1,801,550
Grading, scraping, oiling, filling, etc.	-	726,901	726,901	-	30,886	30,886
Sidewalks .....	-	14,979	14,979	2,464	24,688	27,152
Roadside maintenance and area improvement .....	-	2,238	2,238	900	2,034	2,934
Bridges and viaducts, all types .....	2,329	76,935	79,264	149,542	2,624	152,166
Subways, overhead crossings, etc. ....	45,000	-	45,000	121,586	-	121,586
Culverts, all types .....	3,608	4,393	8,001	557	5,005	5,562
Storm sewers .....	-	-	-	6,469	4,605	11,074
Tile drains, drainage ditches and open sewers .....	-	10,162	10,162	-	1,572	1,572
Fencing (excluding temporary snow fencing) .....	-	-	-	237,001	529	237,530
Guard rails .....	-	-	-	-	415	415
Signs .....	-	-	-	-	815	815
Zone painting .....	-	-	-	-	1,000	1,000
Watermains, water systems and connections .....	20,170	106,604	135,774	28,559	91,152	119,711
Reservoirs .....	-	-	-	-	10,332	10,332
Sewers, sewage systems and connections .....	31,008	81,947	112,955	4,432	60,974	65,406
Pole or distribution line, electric .....	-	30,080	30,080	5,933	16,533	22,466
Canal gates .....	-	-	-	-	541	541
Water control or dams .....	40,000	-	40,000	19,707	-	19,707
Aerodromes or landing fields .....	6,927	-	6,927	26,972	1,774	28,746
Dredging .....	-	-	-	-	13,057	13,057
Excavating .....	-	-	-	5,077	-	5,077
Park systems .....	1,449	16,811	18,260	-	14,155	14,155
Grounds and walks .....	8,526	-	8,526	658	6,440	7,098
All other work performed .....	196,773	127,274	324,047	20,819	19,617	40,436
TOTAL VALUE OF WORK PERFORMED .....	2,017,712	1,323,822	3,341,534	2,366,246	1,149,456	3,515,702

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Table 66. - Cost of Materials Used In Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1936 and 1937.

	1936	1937		
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 38,897		\$ 68,425	
Lumber and timber, creosoted or chemically treated .....	955		3,263	
Piling, wood (including treated piling) .....	2,693		8,093	
Piling, steel .....	-		17,173	
Posts, wood .....	1,283		36,957	
Posts, steel .....	-		4,710	
Iron and steel shapes .....	4,295		1,441	
Iron and steel forms .....	-		2,736	
Iron and steel reinforcing .....	8,401		13,950	
Hydrants .....	2,120		1,918	
Manhole covers and frames .....	-		1,234	
Pipe, metal .....	13,750		9,106	
Pipe, concrete .....	1,291		927	
Pipe, vitrified clay, etc. ....	2,958		2,174	
Culverts .....	61,638		54,763	
Rope or cable, wire .....	4,224		699	
Wire netting or mesh .....	1,883		-	
Electrical supplies .....	10,720		13,894	
Plumbing and shop supplies .....	6,564		2,348	
Lead and lead pipe .....	2,714		1,310	
Pipe fittings .....	4,862		6,313	
Valves .....	2,120		2,232	
Hardware .....	7,678		16,840	
Paint and painters' supplies .....	5,566		5,686	
Explosives .....	-		524	
Fencing materials (not to include posts) .....	1,107		37,035	
Guard rail materials (not to include posts) .....	1,005		2,535	
Signs, metal .....	-		2,141	
Brick .....	-		742	
Stone, crushed and all other .....	1,480		4,707	
Gravel .....	9,418		14,313	
Sand .....	1,004		1,302	
Cement .....	20,642		17,712	
Concrete, ready mix .....	1,617		908	
Bituminous materials (not including oil) .....	2,774		25,877	
Calcium chloride, salt and other chemicals .....	101,207		3,329	
Oil, for road construction .....	11,977		30,588	
Borrow pits, earth fill, cinders, etc. ....	-		3,300	
All other materials .....	88,851		20,105	
TOTAL COST OF MATERIALS USED .....	425,694		441,308	

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Table 67. - Capital Investment in the Construction Industry in Saskatchewan in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<b><u>1936</u></b>					
General and Trade Contractors and Subcontractors .....	771,522	663,826	273,975	1,132,935	2,542,286
Municipalities .....	165,518	158,909	49,910	3,586	377,923
Provincial and Dominion Government Departments .....	196,467	206,624	85,690	-	488,761
Totals .....	1,133,507	1,029,369	409,575	1,136,521	3,708,962
<b><u>1937</u></b>					
General and Trade Contractors and Subcontractors .....	749,239	753,054	281,475	868,058	2,651,826
Municipalities .....	167,070	163,175	50,845	8,006	389,088
Provincial and Dominion Government Departments .....	336,608	245,936	76,500	-	659,044
Totals .....	1,252,917	1,162,165	408,820	876,066	3,699,966

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

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Table 68. - Principal Statistics of the Construction Industry in Alberta in 1936 and 1937.

	Reports Received	Capital Invested	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>1936</u>	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	485	3,090,926	2,121	1,994,076	3,238,764	3,296,686	2,137,204	5,433,789
Municipalities .....	4	432,144	787	486,454	231,349	238,808	697,706	936,514
Provincial and Dominion Government Departments ..	8	1,282,559	2,100	1,879,970	727,580	1,752,255	1,489,302	3,241,557
Totals .....	497	4,805,629	5,008	4,360,500	4,197,683	5,287,648	4,324,212	9,611,860
<u>1937</u>								
General and Trade Contractors and Subcontractors .....	542	3,155,291	2,480	2,530,853	4,001,916	3,978,485	2,855,602	6,833,987
Municipalities .....	4	630,712	630	759,364	252,708	237,507	777,523	1,015,030
Provincial and Dominion Government Departments ..	6	1,214,476	1,625	1,680,513	898,985	1,618,332	1,731,545	3,349,877
Totals .....	652	4,900,479	4,735	4,970,730	5,153,609	5,834,324	5,364,570	11,198,894

Table 69. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, and Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	335,037	152,854	487,891	462,925	236,524	699,449
Dwellings, semi-detached or double ..	-	14,070	14,070	-	23,138	23,138
Duplexes .....	-	8,165	8,165	43,827	22,261	66,088
Apartment houses .....	-	51,337	51,337	73,552	71,623	145,175
Hotels, clubs, restaurants, etc. ....	70,133	53,597	123,730	62,089	62,051	114,140
Churches and church halls .....	66,455	4,304	70,759	65,862	9,863	75,725
Hospitals and sanatoria .....	102,584	502	103,086	68,893	9,922	78,816
Schools, institutions, etc. ....	117,448	9,749	127,197	136,712	27,507	164,219
Office buildings .....	128,802	176,125	303,927	311,165	301,606	612,771
Stores .....	111,471	101,191	212,662	136,935	114,404	251,339
Theatres .....	91,934	1,791	93,725	-	22,768	22,768
Factories, warehouses and storehouses	746,861	343,291	1,090,162	732,510	266,923	999,433
Grain elevators .....	177,141	319,130	496,271	130,195	403,561	633,756
Garages .....	100,499	24,990	125,489	45,682	24,000	69,682
Service stations .....	4,039	-	4,039	22,462	-	22,462
Farm buildings .....	44,730	5,591	50,321	53,460	19,653	73,013
Government and municipal buildings ..	396,728	52,619	449,347	-	-	-
All other buildings .....	68,354	87,564	155,918	153,930	154,913	308,843
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	148,243	52,032	200,275	396,120	183,049	578,169
Gravel or stone surfaced roads .....	624,195	72,322	696,517	989,246	383,837	1,373,085
Dirt or clay roads .....	723,191	-	723,191	133,656	198,255	331,911
Grading, scraping, oiling, filling, etc.	-	1,001,010	1,001,010	-	641,955	641,955
Sidewalks .....	11,636	35,086	46,722	52,371	54,357	106,728
Roadside maintenance and area improvement .....	16,087	29,501	45,588	-	30,622	30,622
Bridges and viaducts, all types .....	78,337	215,127	293,464	210,567	232,929	443,496
Subways, overhead crossings, etc. ....	-	-	-	-	855	855
Culverts .....	62,896	2,291	66,187	63,726	2,713	66,439
Watermains, waterworks systems and connections .....	26,338	206,461	232,797	30,959	111,177	142,136
Sewers, sewage disposal works and connections .....	32,009	70,623	102,632	47,068	82,839	129,907
Storm sewers .....	-	-	-	4,786	1,703	6,488

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Table 69. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, and Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction - concluded.</u>	\$	\$	\$	\$	\$	\$
<u>Tile drains, drainage ditches and open sewers</u>	39,957	-	39,957	2,553	12,627	15,180
<u>Dams and reservoirs</u>	34,201	-	34,201	67,592	8,072	75,664
<u>Fencing (excluding temporary snow fencing)</u>	8,241	1,420	9,661	14,913	1,256	16,169
<u>Guard rails</u>	16,659	-	16,659	14,330	4,233	18,563
<u>Signs</u>	1,619	1,577	3,096	851	1,316	2,167
<u>Zone painting</u>	-	3,904	3,904	-	4,211	4,211
<u>Transmission lines and towers</u>	153,141	138,542	291,683	472,205	123,464	595,869
<u>Aerodromes or landing fields</u>	18,224	567	18,791	-	11,910	11,910
<u>Park systems</u>	25,579	100,389	125,968	4,615	141,159	145,774
<u>Grounds and walks</u>	4,263	497	4,760	-	42,801	42,801
<u>All other engineering</u>	208,682	136,645	345,327	359,288	320,421	679,709
<u>Harbours, Rivers, etc.</u>						
<u>Docks, wharves, piers and breakwaters</u>	-	3,088	3,088	10,937	1,905	12,842
<u>Retaining walls, embankments and rip-rapping</u>	9,283	-	9,283	3,431	458	3,889
<u>All other work</u>	17,411	323	17,734	2,165	3,686	5,851
<u>Trade Construction</u>						
<u>Air conditioning</u>	-	-	-	20,787	-	20,787
<u>Brick laying</u>	7,934	11,009	18,943	3,416	20,936	24,352
<u>Carpentry work</u>	8,678	22,448	31,126	11,115	34,357	45,472
<u>Concreting and cement work</u>	5,819	18,867	24,686	8,074	23,741	31,815
<u>Electrical work</u>	110,286	103,425	213,711	89,364	117,033	206,397
<u>Excavating</u>	18,297	-	18,297	7,816	-	7,815
<u>Flooring, wood</u>	-	11,380	11,380	-	18,995	18,995
<u>Flooring, other</u>	-	-	-	-	5,134	5,134
<u>Glass and glazing</u>	-	6,850	6,850	-	-	-
<u>Lathing, plastering and stucco</u>	18,107	27,998	46,105	13,484	35,579	49,063
<u>Painting and decorating</u>	8,667	74,692	83,359	5,043	145,591	150,634
<u>Plumbing, heating and sanitary engineering</u>	168,701	404,763	573,464	128,881	354,780	483,561
<u>Roofing, sheet metal</u>	-	29,358	29,358	820	7,617	8,437
<u>Roofing, all other</u>	-	5,943	5,943	17,279	21,252	38,531
<u>Sheet metal work, other than roofing</u>	29,815	77,568	107,383	26,652	106,792	133,444
<u>Weatherstripping and insulation</u>	-	2,063	2,063	-	-	-
<u>All other trades</u>	89,038	50,583	139,621	121,017	110,336	231,353
<b>TOTAL VALUE OF WORK PERFORMED ...</b>	<b>5,287,648</b>	<b>4,324,212</b>	<b>9,611,860</b>	<b>5,834,324</b>	<b>5,364,570</b>	<b>11,198,894</b>

Table 70. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
<u>Dwellings, single</u>	335,037	152,854	487,891	458,872	236,177	695,049
<u>Dwellings, semi-detached or double</u>	-	14,070	14,070	-	23,138	23,138
<u>Duplexes</u>	-	8,155	8,155	43,827	22,261	66,088
<u>Apartment houses</u>	-	51,337	51,337	73,552	71,623	145,175
<u>Hotels, clubs, restaurants, etc.</u>	70,133	53,597	123,730	62,089	52,051	114,140
<u>Churches and church halls</u>	66,455	4,304	70,759	65,862	9,863	75,726
<u>Hospitals and sanatoria</u>	102,584	502	103,086	68,893	9,922	78,815
<u>Schools, institutions, etc.</u>	117,448	9,749	127,197	136,712	19,639	156,351
<u>Office buildings</u>	48,198	16,084	63,282	121,550	56,496	178,046
<u>Stores</u>	111,471	101,191	212,662	136,936	114,404	251,339
<u>Theatres</u>	91,934	1,791	93,725	-	22,768	22,768

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Table 70. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction - concluded.</u>	\$	\$	\$	\$	\$	\$
Factories, warehouses and stores						
houses .....	745,411	342,789	1,088,200	717,803	-	717,803
Grain elevators .....	177,141	318,830	495,971	130,195	403,561	533,756
Garages .....	98,331	24,399	122,730	44,706	23,885	68,591
Service stations .....	4,039	-	4,039	22,462	-	22,462
Farm buildings .....	44,730	5,591	50,321	34,038	8,095	42,133
Government and municipal buildings.	288,781	7,782	296,563	-	-	-
All other buildings .....	68,354	87,564	155,918	121,729	386,861	508,590
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	18,344	-	18,344	-	-	-
Gravel or stone surfaced roads .....	145,891	-	145,891	247,124	-	247,124
Dams and reservoirs .....	34,201	-	34,201	66,397	-	66,397
All other engineering .....	240,889	90,568	331,457	960,049	388,929	1,348,978
<u>Harbours, Rivers, etc.</u>						
All works (unable to specify) ....	21,871	100	21,971	11,943	3,686	15,629
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	20,787	-	20,787
Brick laying .....	7,934	11,009	18,943	3,416	20,936	24,352
Carpentry work .....	8,678	22,448	31,126	11,118	34,357	45,472
Concreting and cement work .....	5,819	18,867	24,886	8,074	23,741	31,815
Electrical work .....	110,286	103,425	213,711	89,364	117,033	206,397
Excavating .....	18,297	-	18,297	7,815	-	7,815
Flooring, wood .....	-	11,380	11,380	-	18,995	18,995
Flooring, other .....	-	-	-	-	5,134	5,134
Glass and glazing .....	-	6,850	6,850	-	-	-
Lathing, plastering and stucco .....	18,107	27,998	46,105	13,484	35,579	49,063
Painting and decorating .....	8,667	74,692	83,359	5,043	145,591	150,634
Plumbing, heating and sanitary engineering .....	168,701	404,763	573,464	128,861	354,780	483,661
Roofing, sheet metal .....	-	29,358	29,358	820	7,617	8,437
Roofing, all other .....	-	5,943	5,943	17,279	21,252	38,531
Sheet metal work, other than roofing .....	29,815	77,568	107,383	26,652	106,792	133,444
Weatherstripping and insulation ...	-	2,063	2,063	-	-	-
All other trades .....	89,038	50,583	139,621	121,017	110,336	231,355
TOTAL VALUE OF WORK PERFORMED ...	3,296,585	2,137,204	5,433,789	3,978,485	2,855,502	6,833,987

Table 71. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning .....	\$	\$	\$	\$	\$	\$
Brick laying .....	9,603	1,425	11,028	4,090	2,773	6,863
Carpentry work .....	-	-	-	2,440	-	2,440
Concreting and cement work .....	4,580	4,405	8,985	3,935	7,453	11,388
Electrical work .....	50,761	14,899	65,660	61,871	29,995	91,866
Excavating .....	5,491	-	5,491	6,814	-	6,814
Lathing, plastering and stucco .....	65,972	34,708	100,678	78,727	56,438	136,163
Masonry and stone work .....	2,071	-	2,071	-	-	-
Painting and decorating .....	16,160	59,414	75,574	19,378	16,398	35,776
Plumbing, heating and sanitary engineering .....	80,756	64,995	145,751	211,688	70,996	282,684
Roofing, sheet metal .....	26,797	-	26,797	-	-	-
Roofing, all other .....	10,350	6,924	17,274	32,150	3,274	36,424
Sheet metal work (other than roofing)	18,229	9,364	27,593	40,401	26,416	65,617
Tiling, marble and terrazzo .....	-	-	-	18,077	-	18,077
All other work .....	339,616	29,606	369,222	278,707	24,416	303,123
TOTAL VALUE OF WORK PERFORMED ...	630,386	225,738	856,124	765,978	237,157	1,003,135

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Table 72. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings .....	\$ 80,604	160,041	\$ 240,645	\$ 189,615	245,110	\$ 434,725
Warehouses or storehouses .....	1,450	502	1,952	14,707	3,750	18,457
Garages .....	2,168	591	2,759	976	115	1,091
Farm buildings .....	-	-	-	19,422	11,458	30,880
Residences .....	-	-	-	4,053	347	4,400
Schools .....	-	-	-	-	7,868	7,868
All other buildings and structures ..	107,947	45,137	153,084	32,201	31,225	63,426
Hard surfaced or paved roads and streets .....	129,899	52,032	181,931	337,964	103,489	441,453
Gravel and stone surfaced roads and streets .....	478,304	67,134	545,438	742,122	302,839	1,044,961
Dirt or clay roads .....	723,191	-	723,191	102,940	198,255	301,196
Grading, scraping, oiling, filling, etc.	-	1,001,010	1,001,010	-	640,561	640,561
Sidewalks .....	11,636	35,086	46,722	47,947	49,106	97,053
Roadside maintenance and area improvement .....	16,087	29,501	45,588	-	30,622	30,622
Bridges and viaducts, all types .....	51,840	216,127	266,967	128,909	232,929	361,838
Subways, overhead crossings, etc. ....	-	-	-	-	855	855
Culverts, all types .....	57,101	2,291	59,392	57,980	2,713	60,693
Storm sewers .....	-	-	-	4,785	1,703	6,488
Tile drains, drainage ditches and open sewers .....	33,805	-	33,805	2,553	12,627	15,180
Fencing (excluding temporary snow fencing) .....	8,241	1,420	9,661	14,913	1,256	16,169
Guard rails .....	16,659	-	16,659	14,350	4,233	18,583
Signs .....	1,519	1,577	3,096	851	1,316	2,167
Zone painting .....	-	3,904	3,904	-	4,211	4,211
Watermains, water systems and connections .....	24,848	204,548	229,396	18,742	108,574	127,316
Reservoirs .....	-	-	-	1,195	984	2,179
Sewers, sewage systems and connections	25,648	66,595	92,243	28,568	82,839	111,407
Pole or distribution lines, electric .....	50,019	121,891	171,910	52,223	96,386	148,589
Docks, wharves, piers, breakwaters .....	858	3,088	3,946	1,159	1,905	3,064
Retaining walls and riprappling .....	3,965	-	3,965	3,431	468	3,889
Water control or dams .....	-	-	-	-	468	468
Aerodromes or landing fields .....	18,224	567	18,791	9,302	11,910	21,212
Park systems .....	25,579	100,389	125,968	4,615	141,159	145,774
Grounds and walks .....	4,263	497	4,760	-	42,801	42,801
All other work performed .....	117,208	74,080	191,288	20,336	135,018	155,354
TOTAL VALUE OF WORK PERFORMED ....	1,991,063	2,187,008	4,178,071	1,655,839	2,509,068	4,364,907

Table 73. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 128,902		\$ 125,420	
Lumber and timber, creosoted or chemically treated .....	81,607		44,404	
Piling, wood (including treated piling) .....	27,745		23,674	
Posts, wood .....	7,621		4,712	
Posts, steel .....	-		2,790	
Posts, other .....	-		1,048	
Iron and steel shapes .....	4,377		71,005	
Iron and steel forms .....	2,011		781	
Iron and steel reinforcing .....	4,617		7,606	
Hydrants .....	-		1,618	

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Table 73. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936		1937	
	Cost	Value	Cost	Value
Manhole covers and frames .....	\$		\$	
Pipe, metal .....	4,473		2,325	
Pipe, concrete .....	37,325		29,957	
Pipe, vitrified clay, etc. ....	487		4,237	
Culverts .....	11,800		9,319	
Rope or cable, wire .....	6,638		53,892	
Rope, other .....	3,719		4,879	
Wire netting or mesh .....	660		924	
Electrical supplies .....	2,263		2,002	
Plumbing and shop supplies .....	67,137		72,738	
Lead and lead pipe .....	36,006		18,146	
Pipe fittings .....	312		924	
Valves .....	3,186		16,126	
Hardware .....	1,476		4,861	
Paint and painters' supplies .....	31,098		29,882	
Explosives .....	16,487		16,891	
Fencing materials (not to include posts) .....	10,937		6,516	
Guard rail materials (not to include posts) .....	8,491		13,483	
Signs, metal .....	3,510		3,015	
Brick .....	1,139		673	
Stone crushed and all other .....	858		3,726	
Gravel .....	-		28,079	
Sand .....	46,821		86,918	
Cement .....	9,457		10,560	
Concrete, ready mix .....	33,113		24,230	
Bituminous materials (not including oil) .....	26,707		40,260	
Calcium chloride, salt and other chemicals .....	60,171		61,750	
Oil, for road construction .....	8,589		1,037	
Borrow pits, earth fill, cinders, etc. ....	34,233		129,939	
All other materials .....	2,218		561	
TOTAL COST OF MATERIALS .....	232,538		190,805	
	958,929		1,161,693	

Table 74. - Capital Investment in the Construction Industry in Alberta in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	1,027,114	722,116	464,711	876,985	3,090,926
Municipalities .....	84,000	152,741	173,833	21,570	432,144
Provincial and Dominion Government Departments .....	281,988	539,653	289,018	172,000	1,282,559
Totals .....	1,393,102	1,414,410	927,562	1,070,565	4,805,629
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	1,030,165	829,942	426,332	868,852	3,155,291
Municipalities .....	172,364	170,918	165,927	21,603	530,712
Provincial and Dominion Government Departments .....	256,250	512,154	170,145	275,927	1,214,476
Totals .....	1,458,779	1,513,014	762,404	1,166,282	4,900,479

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BRITISH COLUMBIA AND YUKON

Table 75. - Principal Statistics of the Construction Industry in British Columbia and Yukon in 1936 and 1937.

	Reports Received	Capital Invested	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
1936	No.	\$	No.	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	1,055	9,963,005	5,758	6,420,531	10,458,719	15,253,913	3,630,722	18,884,635
Municipalities .....	30	1,343,757	3,724	1,753,090	665,378	748,411	1,727,075	2,475,486
Harbour Commissions, Provincial and Dominion Government Departments .....	8	620,449	1,341	1,037,657	342,183	837,268	592,252	1,429,520
Totals .....	1,093	11,927,211	11,323	9,211,278	11,466,280	16,839,592	5,950,049	22,789,641
1937								
General and Trade Contractors and Subcontractors .....	1,318	12,498,087	8,246	9,774,454	15,918,758	21,648,820	5,267,581	26,916,401
Municipalities .....	30	1,423,790	2,205	1,887,395	869,887	876,908	1,738,647	2,615,555
Harbour Commissions, Provincial and Dominion Government Departments .....	7	413,030	1,803	1,349,569	362,301	1,165,555	760,832	1,926,387
Totals .....	1,355	14,339,907	12,254	12,811,418	17,150,946	23,691,283	7,767,060	31,458,343

Table 76. - Description, Classification and Value of Work Performed in British Columbia and Yukon by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions and Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>						
Dwellings, single .....	2,150,479	396,326	2,546,805	3,670,183	605,673	4,275,856
Dwellings, semi-detached or double ...	39,000	22,139	61,139	85,971	26,228	112,199
Duplexes .....	46,302	-	46,302	124,087	12,982	137,069
Apartment houses .....	217,686	86,739	304,425	171,432	78,646	250,078
Hotels, clubs, restaurants, etc. ....	392,390	72,407	464,797	236,728	139,854	376,582
Churches and church halls .....	119,716	10,568	130,284	46,644	5,909	52,553
Hospitals and sanatoria .....	54,279	21,976	76,255	226,512	85,409	311,921
Schools, institutions, etc. ....	203,790	21,497	225,287	423,935	219,022	642,957
Office buildings .....	67,429	65,942	133,371	180,711	189,822	370,533
Stores .....	243,358	221,676	465,034	456,122	318,062	774,184
Theatres .....	84,824	19,038	103,862	285,941	27,188	313,129
Factories, warehouses and storehouses .....	1,993,105	253,212	2,246,317	4,024,096	514,563	4,538,659
Grain elevators .....	-	7,394	7,594	-	22,300	22,300
Garages .....	162,788	33,878	196,666	173,454	17,667	191,121
Service stations .....	32,025	-	32,025	42,379	-	42,379
Mine buildings .....	-	-	-	284,064	12,397	296,461
Farm buildings .....	40,072	771	40,843	123,909	21,069	144,978
Government and municipal buildings ...	2,236,175	129,302	2,365,477	-	-	-
All other buildings .....	174,114	255,102	429,216	957,061	257,714	1,214,775
<u>Engineering Construction</u>						
Hard surfaced or paved roads and streets .....	523,403	400,395	923,798	932,137	441,691	1,373,828
Gravel or stone surfaced roads and streets .....	1,027,541	425,204	1,452,745	1,179,995	472,032	1,652,027
Dirt or clay roads .....	60,343	-	60,343	120,697	57,230	177,927
Grading, scraping, oiling, filling, etc.	-	168,249	168,249	17,568	95,153	112,721

## THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

## BRITISH COLUMBIA AND YUKON

Table 78. - Description, Classification and Value of Work Performed in British Columbia and Yukon by General and Trade Contractors (including Subcontractors), Municipalities, Harbour Commissions and Provincial and Dominion Government Departments in 1936 and 1937. - (Concluded)

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Engineering Construction - concluded.</u>	\$	\$	\$	\$	\$	\$
Sidewalks .....	42,569	60,677	103,246	23,573	68,248	91,831
Roadside maintenance and area improvement .....	20,793	156,697	187,490	13,168	134,263	147,431
Bridges and viaducts, all types .....	2,692,587	95,307	2,787,894	2,927,662	104,714	3,032,376
Subways, overhead crossings, etc. ....	-	-	-	4,091	1,112	5,203
Culverts .....	30,517	53,327	83,844	21,288	58,596	79,884
Watermains, waterworks systems and connections .....	207,433	317,891	525,324	325,556	322,820	648,376
Sewers, sewage disposal works and connections .....	128,093	82,332	210,425	101,162	96,625	197,787
Storm sewers .....	-	-	-	24,386	5,220	29,806
Tile drains, drainage ditches and open sewers .....	33,951	65,288	99,239	16,794	40,404	57,198
Dams and reservoirs .....	-	-	-	166,052	39,915	205,967
Fencing (excluding temporary snow fencing) .....	2,556	6,984	9,540	3,341	6,723	10,064
Guard rails .....	-	-	-	-	734	734
Signs .....	3,043	2,696	5,738	3,100	3,266	6,566
Zone painting .....	2,236	664	2,900	1,206	3,150	4,356
Central electric stations, light and power plants .....	88,115	-	88,115	1,549,930	153,865	1,703,795
Transmission lines and towers .....	-	198,492	198,492	915,614	137,963	1,053,577
Railway (steam) construction work ...	-	-	-	312,705	17,468	330,173
Aerodromes or landing fields .....	32,072	-	32,072	373,381	4,215	377,596
Park systems .....	53,135	52,341	105,476	306,080	44,468	350,548
Grounds and walks .....	22,268	22,138	44,406	2,659	25,565	28,224
All other engineering .....	1,546,451	175,146	1,721,607	370,673	263,081	633,764
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters .....	215,498	208,912	424,410	203,604	312,307	515,911
Retaining walls, embankments and rip-rapping .....	171,469	84,305	255,774	294,706	103,326	398,032
Dredging .....	-	162,515	162,515	-	180,503	180,503
Pile driving .....	52,160	53,518	105,578	77,945	-	77,945
All other works .....	185,784	4,623	190,407	199,906	20,079	219,985
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	30,627	5,303	35,930
Brick laying .....	26,566	14,406	42,972	28,766	21,862	50,628
Carpentry work .....	9,542	13,092	22,634	20,333	23,915	44,248
Commercial refrigeration .....	-	-	-	99,207	111,550	210,757
Concreting and cement work .....	48,388	8,027	56,415	42,216	24,148	66,364
Electrical work .....	355,150	133,947	489,097	358,257	212,827	570,504
Elevators, service .....	-	-	-	-	129,749	129,749
Excavating .....	42,423	-	42,423	32,928	-	32,928
Flooring, wood .....	11,312	31,578	42,890	24,908	26,836	51,744
Glass and glazing .....	-	66,181	66,181	-	73,509	73,509
Lathing, plastering and stucco .....	68,224	23,625	91,849	90,830	44,240	135,070
Ornamental iron work .....	6,420	-	6,420	10,104	13,545	23,849
Painting and decorating .....	53,993	287,044	341,037	47,619	333,319	380,988
Plumbing, heating and sanitary engineering .....	373,239	479,951	853,190	387,483	567,986	955,469
Roofing, sheet metal .....	45,496	39,015	84,511	16,282	18,929	35,211
Roofing, all other .....	7,788	26,566	34,354	42,816	43,283	86,099
Sheet metal work, other than roofing .....	133,340	201,741	335,081	167,937	268,107	436,044
Structural steel work .....	-	-	-	69,497	-	69,497
Tiling, marble and terrazzo .....	28,358	12,049	40,407	-	32,598	32,598
Weatherstripping and installation ...	-	-	-	5,197	-	5,197
Wrecking and demolition .....	-	2,699	2,699	-	13,299	13,299
All other trades .....	227,794	194,261	422,055	214,068	33,314	247,382
<b>TOTAL VALUE OF WORK PERFORMED ..</b>	<b>16,839,592</b>	<b>5,950,049</b>	<b>22,789,641</b>	<b>23,891,283</b>	<b>7,767,060</b>	<b>31,458,343</b>

## BRITISH COLUMBIA AND YUKON

Table 77. - Description, Classification and Value of Work Performed in British Columbia and Yukon by General and Trade Contractors (including Subcontractors) in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
<u>Building Construction</u>	\$	\$	\$	\$	\$	\$
Dwellings, single .....	2,150,479	396,326	2,546,805	3,662,824	599,205	4,262,029
Dwellings, semi-detached or double..	35,000	22,139	51,139	85,971	26,228	112,199
Duplexes .....	46,302	-	46,302	124,087	12,982	137,069
Apartment houses .....	217,686	86,739	304,425	171,432	78,646	250,078
Hotels, clubs, restaurants, etc. ....	392,390	72,407	464,797	236,728	139,854	376,582
Churches and church halls .....	119,716	10,568	130,284	46,644	5,909	52,553
Hospitals and sanatoria .....	54,279	21,976	76,255	226,512	-	226,512
Schools, institutions, etc. ....	205,790	21,497	226,287	410,450	217,322	627,772
Office buildings .....	52,142	39,032	91,174	179,627	175,388	355,015
Stores .....	243,358	221,676	465,034	456,122	318,062	774,184
Theatres .....	84,824	19,038	103,862	285,941	27,188	313,129
Factories, warehouses and store- houses .....	1,989,005	241,543	2,230,548	4,004,393	470,172	4,474,565
Grain elevators .....	-	-	-	-	18,109	18,109
Garages .....	162,358	23,636	185,994	172,577	17,425	190,002
Service stations .....	32,025	-	32,025	42,379	-	42,379
Mine buildings .....	-	-	-	284,064	12,397	296,461
Farm buildings .....	40,072	771	40,843	116,567	16,739	133,306
Government and municipal buildings ..	2,188,768	55,136	2,243,904	-	-	-
All other buildings .....	174,114	261,425	435,539	872,817	267,322	1,140,159
<u>Engineering Construction</u>						
Hard surfaced or paved roads .....	446,901	55,080	501,981	801,934	43,588	845,522
Gravel or stone surfaced roads .....	678,479	-	578,479	665,328	-	665,328
Dirt or clay roads .....	-	-	-	83,816	-	83,816
Grading, scraping, oiling, filling, etc. .....	-	-	-	11,760	-	11,760
Sidewalks .....	-	-	-	319	-	319
Bridges, viaducts, all types .....	2,669,142	35,208	2,704,350	2,906,525	-	2,906,525
Watermains, waterworks systems and connections .....	35,666	5,204	40,870	53,640	16,883	70,523
Sewers, sewage disposal works and connections .....	-	-	-	20,907	13,348	34,255
Dams and reservoirs .....	-	-	-	108,458	-	108,458
Central electric stations, light and power plants .....	88,115	-	88,115	1,548,433	153,865	1,702,298
Transmission lines and towers .....	-	-	-	881,451	-	881,451
Railway (steam) construction work ..	-	-	-	312,705	-	312,705
Aerodromes or landing fields .....	-	-	-	365,091	-	366,091
All other engineering .....	1,193,525	317,156	1,510,681*	105,547	384,780	490,327
<u>Harbours, Rivers, etc.</u>						
Docks, wharves, piers and breakwaters	174,282	122,392	296,674	194,631	234,271	428,902
Retaining walls, embankments and rip- rapping .....	123,409	-	123,409	261,906	-	251,906
Pile driving .....	52,160	53,518	105,678	77,945	-	77,945
All other works .....	173,671	16,772	190,443	194,932	20,079	215,011
<u>Trade Construction</u>						
Air conditioning .....	-	-	-	30,627	5,303	35,930
Brick laying .....	28,566	14,406	42,972	28,766	21,862	50,628
Carpentry work .....	9,542	13,092	22,634	20,333	23,915	44,248
Commercial refrigeration .....	-	-	-	99,207	111,550	210,757
Concreting and cement work .....	48,388	8,027	56,415	42,215	24,148	66,364
Electrical work .....	355,150	133,947	489,097	358,257	212,327	570,584
Elevators, service .....	-	-	-	-	129,749	129,749
Excavating .....	30,645	-	30,645	27,210	-	27,210
Flooring, wood .....	11,312	31,578	42,890	24,908	26,836	51,744
Glass and glazing .....	-	-	-	-	73,509	73,509
Lathing, plastering and stucco .....	68,224	23,625	91,849	90,830	44,240	135,070
Ornamental iron work .....	6,420	-	6,420	10,104	13,545	23,649
Painting and decorating .....	53,993	287,044	341,037	47,619	333,319	380,938
Plumbing, heating and sanitary engineering .....	373,239	479,951	853,190	387,483	587,986	955,469
Roofing, sheet metal .....	45,496	39,015	84,511	16,282	18,929	35,211
Roofing, all other .....	7,788	26,566	34,354	42,816	43,283	86,098

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

BRITISH COLUMBIA AND YUKON

Table 77. - Description, Classification and Value of Work Performed in British Columbia and Yukon by General and Trade Contractors (including Subcontractors) in 1936 and 1937. - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Trade Construction - concluded.	\$	\$	\$	\$	\$	\$
Sheet metal work, other than roofing	133,340	201,741	335,081	167,937	268,107	436,044
Structural steel work	-	-	-	69,497	-	69,497
Tiling, marble and terrazzo	28,358	12,049	40,407	-	32,598	32,598
Weatherstripping and insulation	-	-	-	5,197	-	5,197
Wrecking and demolition	-	-	-	-	13,299	13,299
All other trades	227,794	260,442	488,236	214,068	33,314	247,382
TOTAL VALUE OF WORK PERFORMED ....	15,253,913	3,630,722	18,884,635	21,648,820	5,267,581	26,916,401

Table 78. - Description, Classification and Value of Work Performed in British Columbia and Yukon by Subcontractors in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Air conditioning	\$	\$	\$	\$	\$	\$
Brick laying	53,808	-	53,808	45,979	-	45,979
Carpentry work	14,304	-	14,304	94,031	10,743	94,774
Concreting and cement work	61,765	6,837	68,602	69,050	-	69,050
Electrical work	143,121	71,844	214,965	126,318	11,504	137,822
Excavating	36,084	-	36,084	336,278	125,271	461,549
Flooring, wood	149,172	-	149,172	21,680	-	21,680
Flooring, other	-	-	-	194,450	73,572	268,032
Glass and glazing	43,655	65,608	109,263	32,729	-	32,729
Lathing, plastering and stucco	367,117	31,451	398,568	88,520	69,280	157,800
Ornamental iron work	48,855	7,200	56,055	429,203	64,745	493,948
Painting and decorating	74,814	101,149	175,963	44,481	9,626	54,107
Plumbing, heating and sanitary engineering	655,278	75,816	731,094	129,421	107,839	237,260
Roofing, sheet metal	25,660	11,323	36,983	754,572	153,969	913,541
Roofing, all other	36,434	12,044	48,478	70,803	22,432	93,235
Sheet metal work, other than roofing	72,566	36,836	109,402	91,381	23,198	115,129
Tiling, marble and terrazzo	140,219	47,695	187,914	250,672	55,433	306,105
Pile driving	-	-	-	152,636	69,106	221,742
All other work	1,911,516	99,456	2,010,972	13,750	-	13,750
TOTAL VALUE OF WORK PERFORMED ....	3,834,368	567,259	4,401,627	2,090,955	65,535	2,156,490

Table 79. - Description, Classification and Value of Work Performed in British Columbia and Yukon by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Office buildings	\$	\$	\$	\$	\$	\$
Warehouses or storehouses	15,287	26,910	42,197	1,084	14,434	15,518
Garages	4,100	11,669	15,769	19,703	44,391	64,094
Elevators, grain	-	-	-	877	242	1,119
Farm buildings	-	-	-	7,342	4,191	4,191
Schools	-	-	-	13,485	4,330	11,672
Dwellings	-	-	-	7,359	6,468	13,827
Hospitals	-	-	-	-	973	973
All other buildings	47,837	75,679	123,516	84,244	74,828	159,072
Hard surfaced or paved roads	76,502	345,315	421,817	130,203	398,103	528,306

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

BRITISH COLUMBIA AND YUKON

Table 79. - Description, Classification and Value of Work Performed in British Columbia and Yukon by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936			1937		
	New Construction	Alterations Maintenance and Repairs	Total Value	New Construction	Alterations Maintenance and Repairs	Total Value
Gravel and stone surfaced roads and streets .....	\$ 349,062	384,107	733,169	\$ 514,667	407,201	921,868
Dirt or clay roads .....	60,343	-	60,343	36,881	41,679	78,560
Grading, scraping, oiling, filling, etc. .....	-	168,249	168,249	5,808	74,307	80,115
Sidewalks .....	42,569	60,677	103,246	23,254	65,411	88,665
Roadside maintenance and area improvement (including brush and weed cutting) .....	20,793	166,697	187,490	13,188	134,263	147,431
Bridges and viaducts, all types .....	23,445	60,099	83,544	21,137	75,754	96,891
Subways, overhead crossings, etc. .....	-	-	-	4,091	1,112	5,203
Culverts, all types .....	20,656	36,053	56,709	20,898	39,777	60,675
Storm sewers .....	-	-	-	24,386	5,220	29,606
Tile drains, drainage ditches and open sewers .....	26,419	65,226	91,645	16,794	40,404	57,198
Fencing (excluding temporary snow fencing) .....	2,556	6,984	9,540	3,341	3,208	6,549
Guard rails .....	-	-	-	-	734	734
Signs .....	3,043	2,695	5,738	3,100	3,266	6,368
Zone painting .....	2,236	664	2,900	1,206	3,150	4,356
Watermains, water systems and connections .....	171,767	312,687	484,454	271,916	305,937	577,853
Reservoirs .....	-	-	-	42,395	36,268	78,663
Sewers, sewage systems and connections .....	59,164	75,018	134,182	80,255	83,277	163,532
Central electric stations .....	-	-	-	1,497	-	1,497
Pole or distribution lines, electric. ....	22,614	70,675	93,289	34,163	66,803	100,966
Docks, wharves, piers and breakwaters .....	41,216	86,520	127,736	8,973	78,036	87,009
Retaining walls and ripraping .....	48,060	82,836	130,896	42,800	103,326	146,126
Water control or dams .....	-	-	-	15,199	1,050	16,249
Aerodromes or landing fields .....	30,672	-	30,672	7,290	3,326	10,616
Dredging .....	12,113	151,835	163,948	4,974	180,503	185,477
Excavating .....	-	-	-	5,718	-	5,718
Park systems .....	53,135	52,341	105,476	306,080	44,468	350,548
Grounds and walks .....	22,268	22,138	44,406	2,659	25,565	28,224
Railway (steam) construction work .....	-	-	-	-	11,258	11,258
Railway (electric) construction work .....	-	-	-	-	5,681	5,681
All other work .....	429,822	54,253	484,075	265,516	108,835	374,351
TOTAL VALUE OF WORK PERFORMED .	1,585,679	2,319,327	3,905,006	2,042,463	2,499,479	4,541,942

Table 80. - Cost of Materials Used in British Columbia and Yukon by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937.

	1936		1937	
	Cost	Value	Cost	Value
Lumber and timber, rough and dressed .....	\$ 124,782		\$ 160,962	
Lumber and timber, creosoted or chemically treated .....	14,791		5,739	
Piling, wood (including treated piling) .....	5,382		5,319	
Piling, other .....	-		2,108	
Posts, wood .....	3,924		3,279	
Posts, other .....	-		601	
Iron and steel shapes .....	18,575		21,217	
Iron and steel forms .....	1,420		4,836	
Iron and steel reinforcing .....	6,863		9,675	
Hydrants .....	3,988		3,880	
Manhole covers and frames .....	5,902		5,889	
Pipe, metal .....	108,158		117,230	
Pipe, concrete .....	9,795		29,212	

THE CONSTRUCTION INDUSTRY IN CANADA, 1937.

BRITISH COLUMBIA AND YUKON

Table 80. - Cost of Materials Used in British Columbia and Yukon by Municipalities, Harbour Commissions, Provincial and Dominion Government Departments in 1936 and 1937 - Concluded.

	1936		1937	
	Cost	Value	Cost	Value
Pipe, vitrified clay, etc. ....	\$	\$		
Culverts .....	26,432		34,994	
Rope or cable, wire .....	6,764		9,236	
Rope, other .....	8,812		6,804	
Wire netting or mesh .....	1,209		1,522	
Electric light standards .....	-		472	
Electrical supplies .....	4,492		-	
Plumbing and shop supplies .....	51,017		53,814	
Lead and lead pipe .....	22,164		26,114	
Pipe fittings .....	1,649		6,958	
Valves .....	21,105		27,773	
Hardware .....	16,769		25,316	
Paint and painters' supplies .....	47,021		59,748	
Explosives .....	16,084		18,458	
Fencing materials (not to include posts) .....	20,079		27,626	
Guard rail materials (not to include posts) .....	1,044		1,910	
Signs, metal .....	-		1,005	
Brick .....	3,541		2,299	
Stone, crushed and all other .....	2,287		1,461	
Paving blocks .....	29,191		48,671	
Gravel .....	10,336		7,314	
Sand .....	64,186		68,248	
Cement .....	24,167		31,821	
Concrete, ready-mix .....	35,690		68,083	
Bituminous materials (not including oil) .....	11,080		29,387	
Calcium chloride, salt and other chemicals .....	86,910		121,181	
Oil for road construction .....	2,183		1,511	
Borrow pits, earth fill, cinders, etc. .....	36,893		44,416	
All other materials .....	2,734		6,547	
	150,142		129,752	
TOTAL COST OF MATERIALS .....	1,007,561		1,232,188	

Table 81. - Capital Investment in the Construction Industry in British Columbia and Yukon in 1936 and 1937.

	Buildings, land, etc.	Equipment, machinery, tools, vehicles (motor and horse-drawn), etc.	Inventory value of construction, building and re- pair materials and supplies on hand	Cash, bills and accounts receiv- able, including grants due from Government sources	Total Capital
<u>1936</u>	\$	\$	\$	\$	\$
General and Trade Contractors and Subcontractors .....	3,322,185	2,442,067	1,219,563	2,979,190	9,963,005
Municipalities .....	489,684	481,524	283,670	88,879	1,343,757
Harbour Commissions, Provincial and Dominion Government Departments ..	50,995	201,350	368,104	-	620,449
Totals .....	3,862,864	3,124,941	1,871,337	3,068,069	11,927,211
<u>1937</u>					
General and Trade Contractors and Subcontractors .....	3,767,970	2,888,802	2,237,001	3,604,514	12,498,087
Municipalities .....	545,658	531,093	262,263	84,776	1,423,790
Harbour Commissions, Provincial and Dominion Government Departments ..	34,734	282,969	100,327	-	418,030
Totals .....	4,348,362	3,702,864	2,599,591	3,689,090	14,359,907



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