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GOVERNMENT OF CANADA



**THE CONSTRUCTION INDUSTRY
IN CANADA**

1948



**DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE**

**THE CONSTRUCTION INDUSTRY
IN CANADA
1948**

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THE CONSTRUCTION INDUSTRY IN CANADA 1948

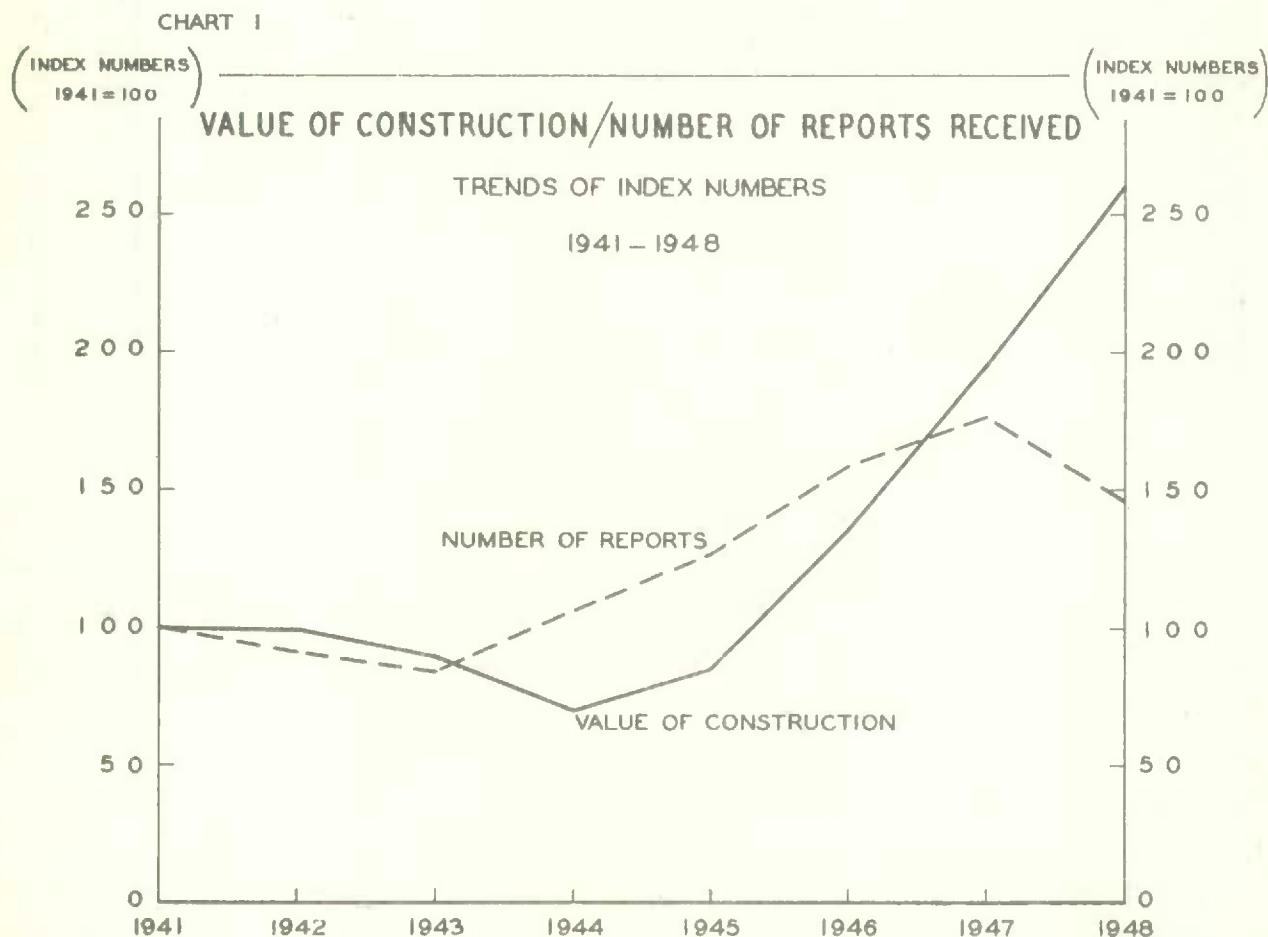
General

The reported value of work performed in Canada within the Construction Industry reached an unprecedented high of \$1,665,561,000 in 1948. This amount should be supplemented by an additional \$414,934,000 which represents the value of work performed with their own forces by the various railways and telephone companies operating in Canada. Unfortunately, this latter figure has not been included in the 1948 tables which follow, but will be shown in detail in future years. However, the value of work reported by the responding firms and individual operators constituted a 33% increase over 1947 and a more substantial increase of 160% over 1941.

All provinces shared in the accelerated construction activities of 1948; the Prairie Provinces showing the largest gain of 43% over 1947 and Quebec reflecting the smallest upward change of 25%.

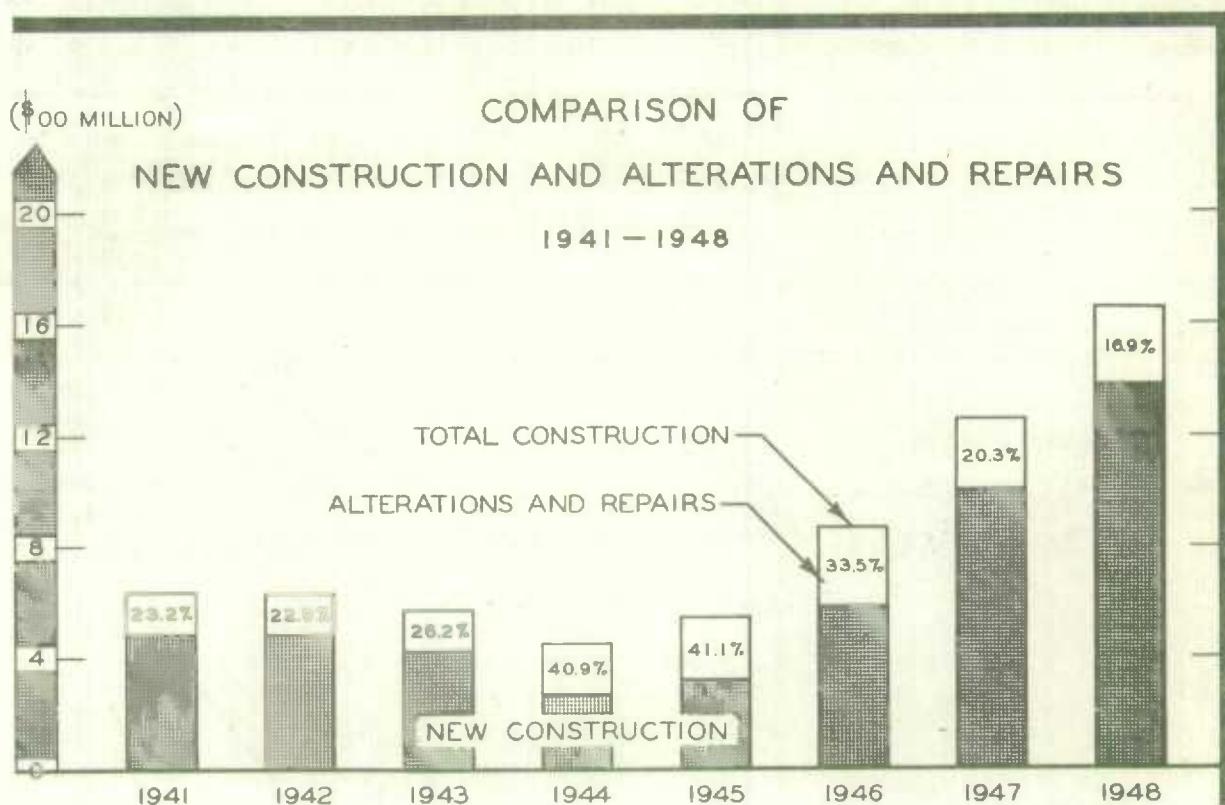
As in the past, it has been difficult to obtain complete coverage of the industry owing to fluctuations in numbers of firms engaged in construction work. Despite this inconvenience, as far as it has been possible to ascertain, the coverage in 1948 has been good, representing about 85% of estimated construction, repairs, etc. completed in 1948. Numerous difficulties encountered in the past in the matter of obtaining reports from certain classes of operators are being overcome. It should be pointed out that the marked increase in the value of work for 1948 is not entirely a result of better coverage. In fact, the number of reports received in 1948 is fewer than that of 1947, (see Chart No. 1), because of decreased response from owner-builders in 1948 compared with 1947. However, contractors and government departments as a whole have responded in larger numbers than in 1947.

* Based on "Private and Public Investment in Canada Outlook 1949" (Department of Trade and Commerce).



New Construction valued at \$1,383,553,000 was up 38% over 1947, and 182% from 1941, while on the other hand, the value of construction repairs, additions, etc. was higher by only 11% from 1947 and 90% higher than 1941. These lesser increases in construction repairs, accompanied by greater rises in new construction, are generally regarded as a healthy sign both for the industry as well as for the economy as a whole. It should be pointed out that, for the purposes of the survey carried on annually by the Census of Construction, every individual construction undertaking which is appraised at fifteen hundred dollars or more is classed as new construction and, therefore, should certain repairs projects fall outside this limit, those jobs would be classified as new construction. It has been found necessary to set this arbitrary figure in order to remove an obstacle encountered in former years when responding firms, particularly the smaller ones, were unable to specifically state whether the work reported was new or repair construction. Chart No. 2 traces the 1941-1948

CHART 2



trend of repairs as compared with new construction.

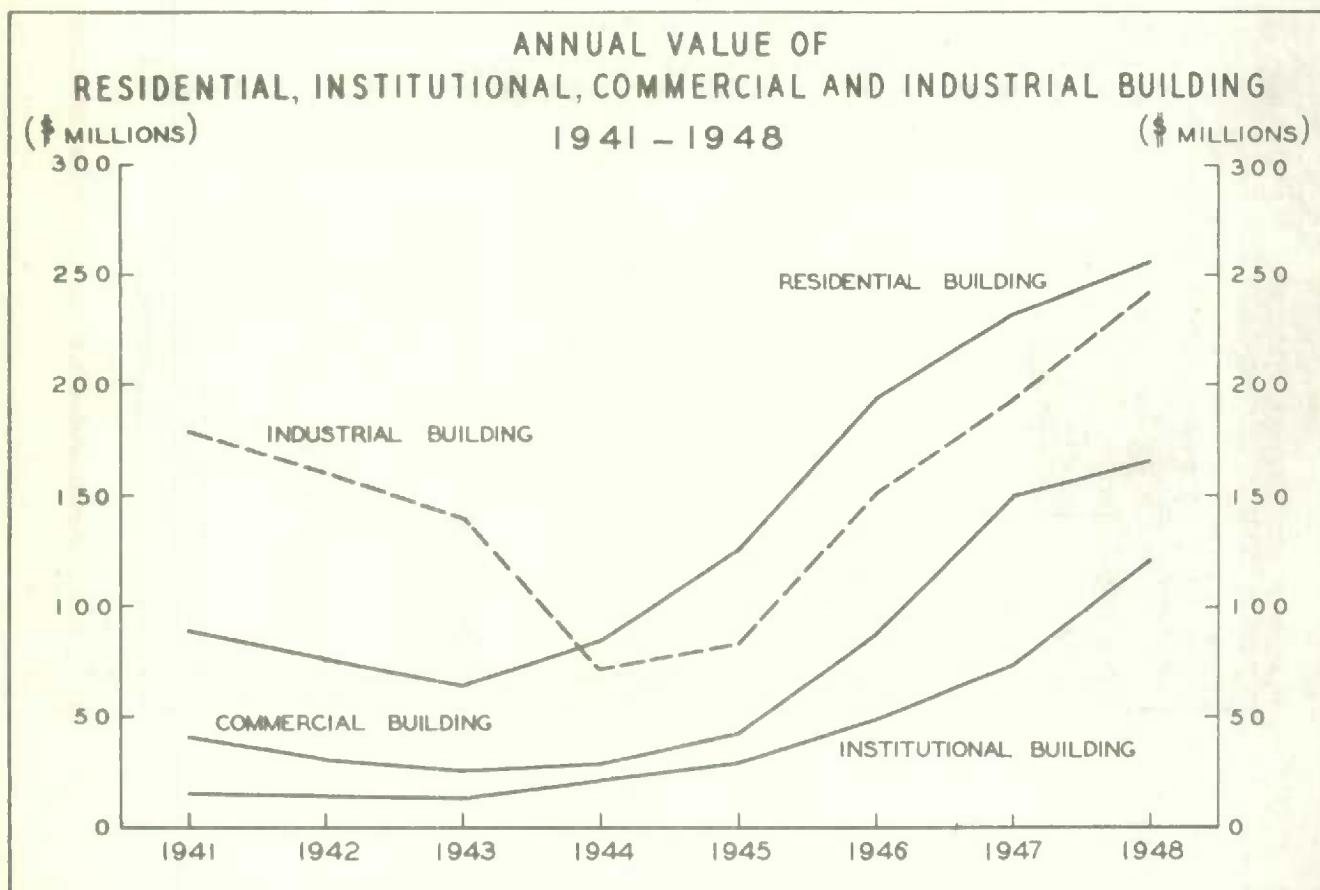
General and trade contractors, in showing a substantial absolute increase of more than \$389 million over 1947, performed 8% of the total value of work. This relative figure has only been exceeded, in the 1941-1948 series, by 1942 work when 91% of the total was represented by contractors' work. On the other hand, government departments played a correspondingly less important part in the industry. It should be remembered, of course, that much of the construction work financed by the various governmental bodies is usually carried out by contractors.

Building Construction

Building construction which accounted for 65% of all construction reported in 1948 was higher by 30% over 1947 and up 148% over 1941. The largest increase over 1947, for specific types of building, was shown in

institutional building (+66%), followed by industrial building (+26%), commercial building (+10%) and residential building (+10%), in that order, (See Chart No. 3). "Work by Building Trades", the nomenclature used to signify that portion of building completed by independent trade contractors not operating under subcontract arrangement, could not be allocated to the particular type of building into which this trade work actually went. The Census of Construction schedule is not designed to obtain this information from the trade contractors on our mailing lists. In view of this situation, it should be borne in mind that the value of work allocated to "Work by Building Trades", nevertheless, should be credited to each of the four types of building mentioned in the tables; viz. residential, institutional, commercial and industrial. Unfortunately, there is nothing available which would indicate the percentage distribution which correctly applies, taking into consideration that the situation in this regard varies from locality to locality. On the other hand, the value of work carried out under subcontract has been included in the work performed by general contractors for whom these trade contractors have worked and is,

CHART 3



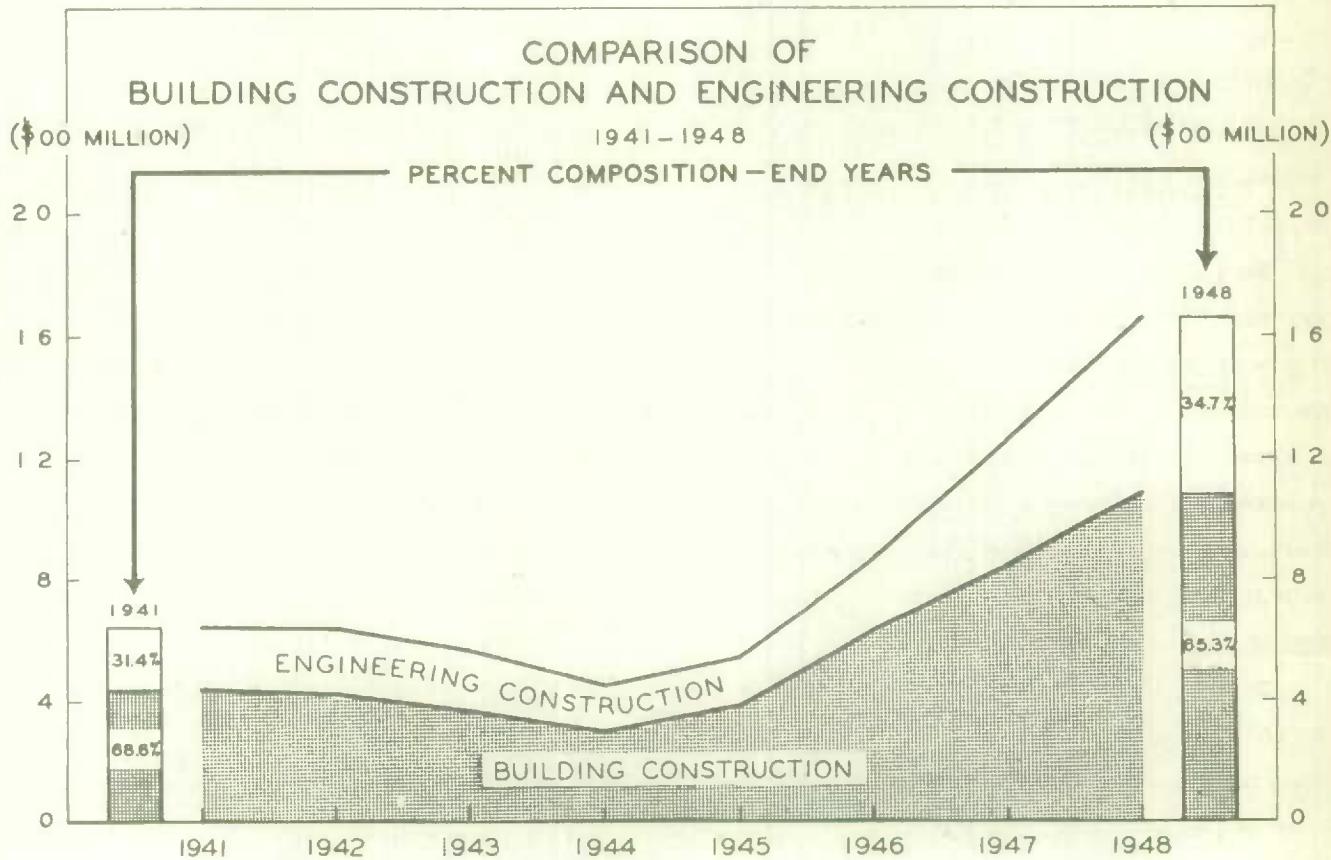
therefore, allocated to the proper type of building.

A good deal of interest has been displayed recently concerning the volume of work performed by trade contractors operating independently of general contractors and those performing their work on a subcontract basis. Table No. 19 provides a useful study of this matter for ten of the more important trades in the industry. In general, the trend is toward more work having been done by independent operators and, consequently, a smaller percentage of the total, undertaken on a subcontract basis since 1941. It is interesting to note that of the ten

trades reviewed, eight of them showed more work completed in 1948 under subcontract than by separate contract arrangement. However, in 1948, the situation changed considerably and only three of the ten trades showed the same situation in existence, while seven trades indicated that the bulk of the work was done on a separate contract basis. At the same time, the value of work had increased to the extent that both type of contractors combined had, on the average, performed more than three times as much work in 1948 as in 1941.

The Maritime Provinces had the largest percentage gain in total building over 1947, (+44%), when such work accounted for \$71,785,000 in 1948, as opposed to \$49,892,000 in 1947. This 1948 figure is 124% more than the \$32,082,000 which represented the value of work attributable to building in 1941, in that province.

CHART 4



As a whole, building construction in 1948 has diminished slightly in its percentage relationship to total value of construction from the 1941 level. Chart No. 4 depicts the relationship in both years and the trend for the intermediate years is also included. In 1941, 69% of the total value of work was represented by building, while in 1948 a somewhat lower percentage of 65% accrued to building. The reason for this shift is plainly evident in Table No. 2, which shows that a large increase in road building as well as electric power projects has inflated the overall engineering figure and thereby detracted from the substantial absolute gain shown for building.

Engineering Construction.

In 1948, a total of \$577,573,000, which was 35% of the total value of construction, was spent on engineering

construction of all types. This figure was 38% more than the \$417,665,000 total for engineering in 1947 and far ahead (+18%) of the 1941 figure of \$200,656,000.

All provinces shared in the increase, particularly the Prairie Provinces which led in this respect with a 73% gain from 1947. This gain in the Prairie Provinces is indicative of the rapid and substantial expansion of industry in Western Canada, chiefly in the Province of Alberta. British Columbia (+53%), Ontario (+46%), the Maritime Provinces (+21%) and Quebec (+13%) followed in that order.

The value of work on electric power projects represented the largest gain of 67% over 1947 and 476% over 1941. Recent harnessing of water power and the renewal and expansion of lines and other conduits are considered to have been largely responsible for the increase. In this respect, the Province of Ontario accounted for the largest volume of work in 1948 - more than half the Canada total. Nevertheless, this province did not register the largest gain over 1947. This situation is explained by the fact that substantial amounts were also spent on electric power developments in Ontario in 1947.

On the other hand, the building of roads, bridges etc., which formed the largest single item in the engineering group, accounted for 16% of the total construction in 1948 as opposed to the higher proportion of 17% which roads, bridges, etc. represented in the previous year. However, the value of work for this item increased from \$219,000,000 in 1947 to \$258,486,000 in 1948, an increase of 18%.

The railway, telephone and telegraph group, as has been mentioned before in this commentary, does not include work performed by the main railways and telephone companies with their own employees. The figures included in this item represent work completed by contractors on behalf of these large public utilities, mentioned above, as well as the work done by those municipalities who operate services of this kind. It is obvious, therefore, that statistics published under the heading "Railways, telephone and telegraph" are very incomplete since the railways and telephone companies usually do most of their construction work with their own employees. Proof of the above statement is, at least, available for 1948 when these large public utilities reported that they had spent \$119,356,000 for payments to 50,000 employees engaged in construction work.

Cost of Materials.

Table No. 2 indicates that the percentage of the total value of work represented by "Cost of Materials" was 50% in 1948 compared with 52% for this purpose in 1947. This situation does not disprove the notion that material costs in 1948 were higher than they were in 1947. Table No. 2 clearly shows that, since 1941, there is no definite trend applicable to this item, apart from the tendency for costs of materials to occupy about 50% of the total value of construction. From year to year, there are numerous influences that tend to cause this item to fluctuate within narrow limits. Most of these influences are intangible and no one factor can be singled out as the main cause. However in 1948 the circumstances described below represent one of the more concrete agents instrumental in bringing about the decrease under reference.

Included in the total value of work are costs covering expenditures for capital equipment maintenance and depreciation which it is not policy to publish. It is assumed that these items have increased in magnitude since 1947, thus inflating the "Total Value of Work" figure for 1948, from which the percentage of "Cost of Materials" was calculated and, therefore, the cost of materials percentage was minimized. In assuming that operating costs for construction were higher in 1948 over 1947, consideration was given to the fact that much of the heavy equipment on hand, in 1947, had seen long service during the war years. Replacement of this equipment was not convenient and in some cases not possible until 1948 when supplies of machinery, trucks, etc. became plentiful on the Canadian market.

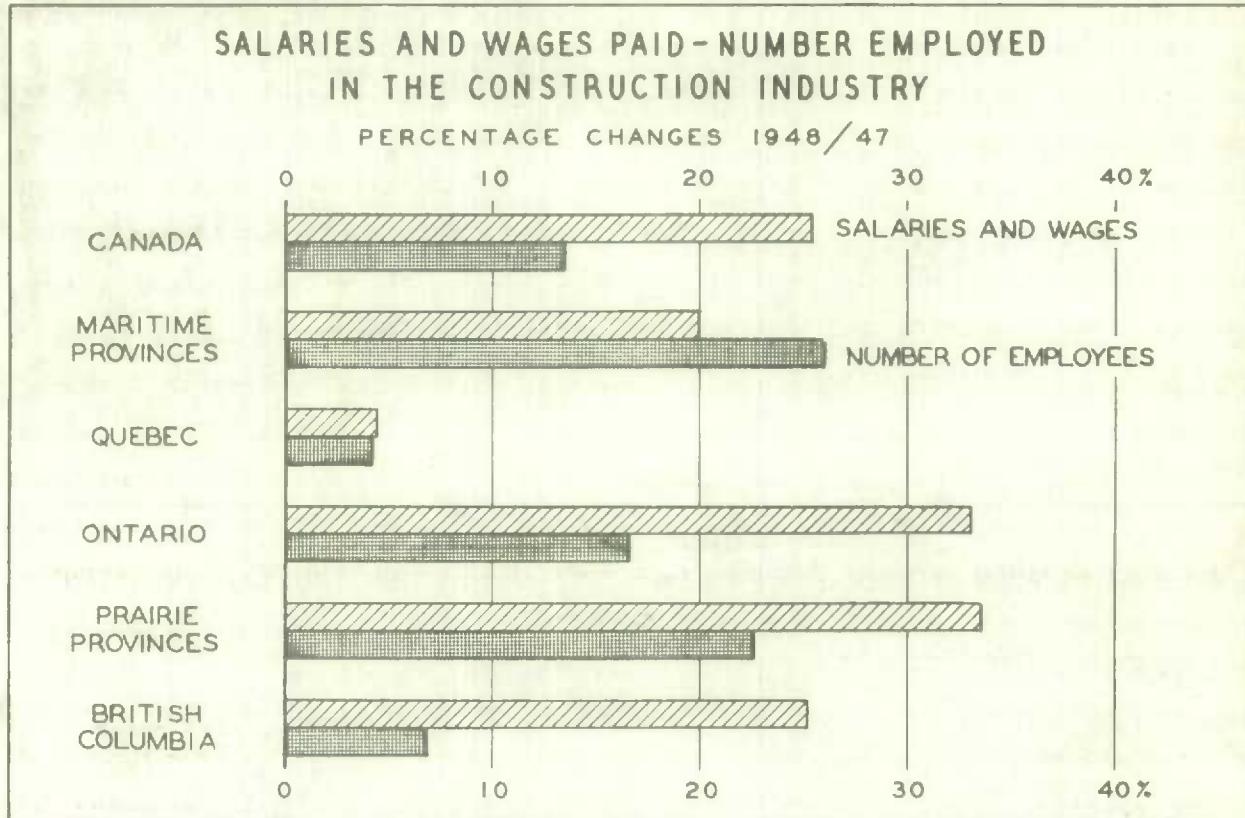
Salaries and Wages.

Salaries and wages dropped from 38% of the total value of work in 1947 to 36% in 1948, presumably for the same reason given for the decrease in the cost of materials described above. Further proof that the salaried and wage-earning personnel had gained in 1948 over 1947 in the matter of money received is illustrated in Chart No. 5, wherein all provinces showed a larger percentage increase, 1948 over 1947, in salaries and wages paid than the percentage increases for numbers employed.

Seasonal Employment (Wage-earners).

Chart No. 6 illustrates the seasonal patterns of employment of wage-earners in the Construction Industry.

CHART 5



Immediately apparent is the steady and substantial rise in the average number of wage-earners since 1944 at which time employment in the industry in the series covered by the chart was at the lowest point. In the chart this trend is depicted by the positional movement of "Average Month". Another perhaps less apparent trend brought to light is the ever widening tendency between "Low Month" and "High Month" continuing through the last four years. This is an indication that once again more casual labour was available during the peak months of the industry and is in direct contrast to the less scattered dispersal of employment characteristic of the mid-war years with their contingent shortages of both labour and materials.

The Report.

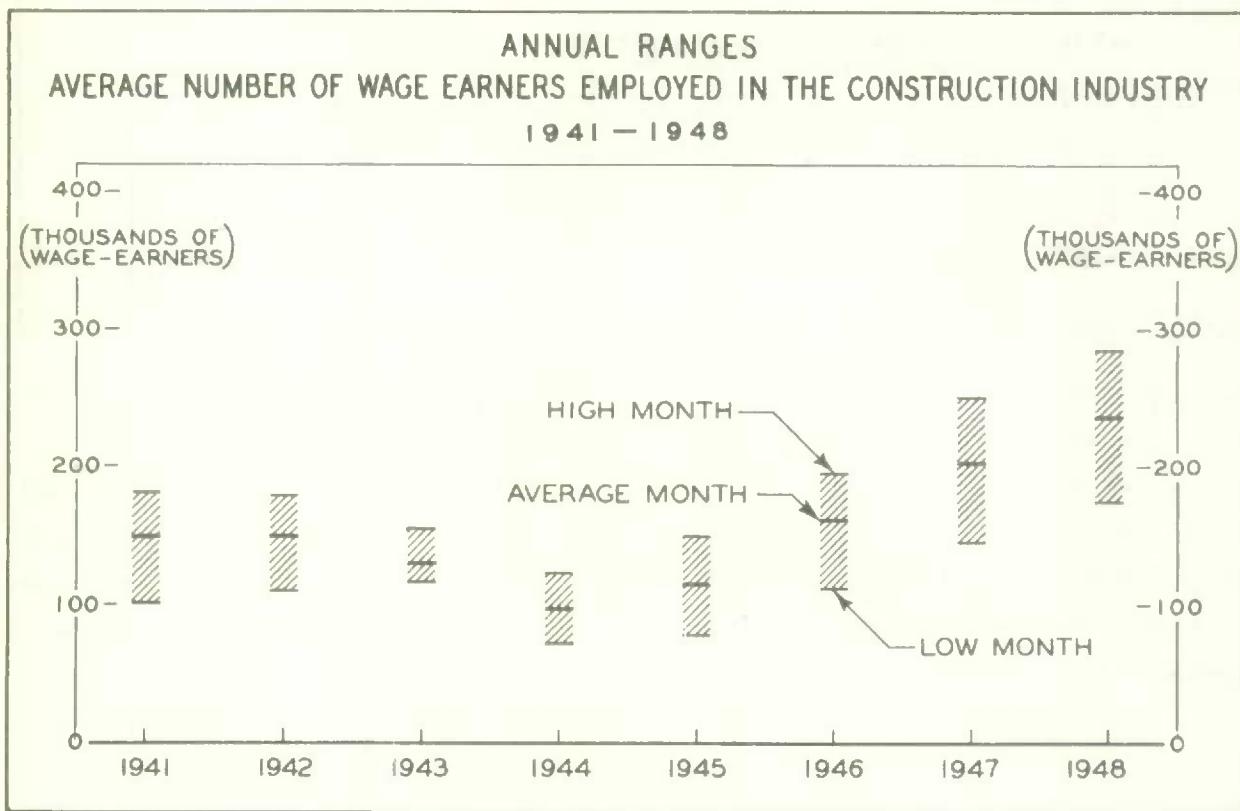
The 1948 report on the Construction Industry in Canada introduces a form of presentation somewhat different to that of past annual reports on this subject. However, although the method of presentation has been changed,

thus fewer tables, the "Commentary and Charts" section has been enlarged in an effort to achieve a more comprehensive study of the industry in a simple and concise form.

Figures for 1941, 1947 and 1948 are shown side by side in many tables in a manner that will allow examination both of the latest changes available, and permit study of the long term trends from 1941. There is more extensive use made of percentage composition and percentage change figures, a development which is designed to facilitate comparisons. Most of the tables and charts employ the use of 1941 as a starting point for measuring trends. Consequently it could be said that 1941 is the base year of the statistics which follow. In view of this, some explanation concerning the reason for the selection of the year 1941 is offered for consideration.

Because the conditions presently existing in the Construction Industry have been so greatly influenced by the recent war and its characteristic shortages, it would seem reasonable that if one desired to evaluate the industry as it presently exists, measure its developments and collect some indications of its future possibilities, it is important that a year wherein the irregular influences of war were less weighty should be chosen as a norm or standard which will serve as a starting point for our measurements. It might be argued that 1941 was a boom war year and, therefore, should not be chosen for the purposes intended. However, it is fairly widely accepted that 1941 was the first year in which the invigorated activities of the present prosperous cycle in construction were best balanced with the prohibitions against spending for construction projects occasioned by the unavailability of materials and labour for purposes other than for national defence. Prior to 1941, total value of construction had not been influenced by the presence of substantial amounts of capital expendable for industrial expansion and other outlets which affected the Construction Industry. Similarly, spending for private construction

CHART 6



purposes was at a minimum during the following war years for reasons already given above.

NO ADJUSTMENT HAS BEEN MADE FOR CHANGES IN PRICE LEVELS AND THEREFORE A WORD OF CAUTION IS OFFERED IN THE MATTER OF THE INTERPRETATION OF THE TABLES.

The number of firms and individuals who neglected to make a report of their 1948 operations was classified as follows:

Dominion and Provincial Government Departments	5
Municipalities	3
Contractors and Builders	1,145
	<hr/>
Total	1,153
	<hr/>

This is a reduction of 1,218 from the 1947 delinquents who numbered 2,371.

It is hoped that the foregoing changes will be looked upon favourably by the users of the report on The Construction Industry in Canada.

DEFINITIONS

APPENDIX

The following definitions apply to some of the terms used frequently throughout this report.

Value of Construction Includes:

Salaries and wages, materials, amount of all subcontracts, cost of renting equipment, profits and all overhead expenses; e.g., rent, taxes, insurance, etc.

Repairs, Additions, Alterations and Maintenance Include:

All repairs etc., valued at fifteen hundred dollars or less.

Residential Building Includes:

Dwellings, single
Dwellings, double
Duplexes
Apartment houses

Institutional Building Includes:

Churches and church halls
Hospitals and sanatoria
Schools and institutions, etc.

Commercial Building Includes:

Hotels, clubs, restaurants, etc.
Office buildings
Stores
Theatres and amusement halls
Garages
Service stations
Farm buildings (exclusive of dwellings)
Radio stations
Aeroplane hangars

Industrial Building Includes:

Factories and warehouses
Grain elevators
Mine buildings

Other Building Includes:

Miscellaneous building and building, which could not be published without divulging the business activities of individuals.

Roads, Bridges, etc., Include :

Hard surfaced streets, highways, etc.
Gravel or stone surfaced streets, highways, etc.
Dirt or clay roads
Grading, scraping, oiling, filling, etc.
Sidewalks
Roadside maintenance and area improvement
Bridges, subways, culverts.

Marine Construction Includes:

Watermains, sewers, drains
Dams, reservoirs
Docks, wharves
Retaining walls
Canals and waterways
Dredging and pile-driving
Miscellaneous marine works

Electric Stations etc., Include :

Street lighting
Electric stations, plants, etc.
Transmission lines, towers
Underground conduits

Railway, Telephone and Telegraph Include:

Railway (steam)
Railway (electric)
Telephone and telegraph lines

Other Engineering Includes:

Miscellaneous engineering and engineering, which could not be published without divulging the business activities of individuals.

Salaried Employees Include :

The total number of persons engaged in construction on a permanent basis throughout the year. This includes working owners or partners, supervisory and office personnel.

Wage-Earners Include :

The average number of construction workers actually performing manual labour each month. Each monthly average is summed to obtain the annual average.

TABLE NO. 1. - THE CONSTRUCTION

	CANADA		PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK	
	Value	% of Total	Value	% of Total	Value	% of Total	Value	% of Total
	(\$000)	(%)	(\$000)	(%)	(\$000)	(%)	(\$000)	(%)
Total Value of Construction ^{xx}	1,665,561	(100.0)	5,424	(0.3)	73,507	(4.4)	51,590	(3.1)
		100.0		100.0		100.0		100.0
New Construction	1,383,553	83.1	4,660	85.9	52,483	71.4	42,105	81.6
Repairs etc.	282,008	16.9	764	14.1	21,024	28.6	9,485	18.4
Building Construction ..	1,087,988	65.3	2,317	42.7	46,191	62.8	23,277	45.1
Engineering Construction	577,573	34.7	3,107	57.3	27,316	37.2	28,313	54.9
Cost of Materials	835,917	50.2	2,821	52.0	39,267	53.4	25,414	49.3
Salaries & Wages	605,496	36.4	1,587	29.3	28,319	38.5	18,279	35.4
Wages	492,978	29.6	1,251	23.1	23,969	32.6	15,714	30.4
Salaries	112,518	6.8	336	6.2	4,350	5.9	2,565	5.0
								(NUMBER IN)
Total Number of Employees .	284	100.0	1	100.0	15	100.0	13	100.0
Wage Earners (Av.)	236	83.1	1	100.0	13	86.7	12	92.3
Salaried Employees	48	16.9	(x)	-	2	13.3	1	7.7
								(NUMBER IN)
Reports Received	21,909	-	94	-	726	-	578	-

x Includes Northwest Territories & Yukon.

xx Percentages in brackets opposite Total Value of Construction show provincial relationship to Canada. Other percentages refer only to provinces concerned.

(x) Less than 1000 salaried workers.

QUEBEC		ONTARIO		MANITOBA		SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA	
Value (\$000)	% of Total (%)	Value (\$000)	% of Total (%)	Value (\$000)	% of Total (%)	Value (\$000)	% of Total (%)	Value (\$000)	% of Total (%)	Value (\$000)	% of Total (%)
421,476 100.0	(25.3) 100.0	682,466 100.0	(41.0) 100.0	82,230 100.0	(4.9) 100.0	49,380 100.0	(3.0) 100.0	109,448 100.0	(6.6) 100.0	190,040 100.0	(11.4) 100.0
369,344	87.6	560,494	82.1	69,718	84.8	39,299	79.6	93,825	85.7	151,625	79.8
52,132	12.4	121,972	17.9	12,512	15.2	10,081	20.4	15,623	14.3	38,415	20.2
292,855	69.5	463,393	67.9	50,322	61.2	29,029	58.8	67,739	61.9	112,865	59.4
128,621	30.5	219,073	32.1	31,908	38.8	20,351	41.2	41,709	38.1	77,175	40.6
227,290	53.9	337,406	49.4	41,347	50.3	19,636	39.8	49,078	44.8	93,658	49.3
148,710	35.3	254,929	37.4	26,522	32.3	16,670	33.8	35,307	32.3	75,173	39.6
122,574	29.1	204,381	30.0	20,961	25.5	13,344	27.0	28,590	26.1	62,194	32.7
26,136	6.2	50,548	7.4	5,561	6.8	3,326	6.8	6,717	6.2	12,979	6.9
THOUSANDS)											
74	100.0	112	100.0	12	100.0	9	100.0	17	100.0	31	100.0
63	85.1	91	81.2	9	75.0	7	77.8	14	82.3	26	83.9
11	14.9	21	18.8	3	25.0	2	22.2	3	17.7	5	16.1
UNITS											
4,611	-	9,754	-	1,085	-	798	-	1,372	-	2,891	-

TABLE NO. 2. - STATISTICAL DETAILS
IN CANADA

	1941		1942		1943	
	Value	% of Total	Value	% of Total	Value	% of Total
(VALUE IN THOUSANDS)						
Total, Construction	639,751	100.0	635,650	100.0	572,427	100.0
New Construction	491,397	76.8	490,318	77.1	422,424	73.8
Repairs, etc.	148,354	23.2	145,332	22.9	150,003	26.2
Building Construction	439,095	68.6	418,371	65.8	368,899	64.4
Residential Building	87,586	13.7	76,346	12.0	63,684	11.1
Institutional Building	15,175	2.4	14,246	2.2	13,148	2.3
Commercial Building	41,157	6.4	30,638	4.8	26,440	4.6
Industrial Building	177,698	27.8	159,349	25.1	140,397	24.5
Other Building	52,875	8.2	71,196	11.2	58,216	10.2
Work by building trades	64,604	10.1	66,596	10.5	67,014	11.7
Engineering Construction	200,656	31.4	217,279	34.2	203,528	35.6
Roads, bridges, etc.	74,715	11.7	64,432	10.1	73,745	12.9
Marine Construction	31,621	5.0	45,464	9.3	38,628	6.8
Electric Stations, etc.	30,553	4.8	58,991	0.6	29,296	5.1
Railway, Telephone & Telegraph	2,084	0.3	3,971	7.0	2,083	0.4
Other Engineering	61,683	9.6	44,421	7.2	59,776	10.4
Cost of Materials	370,189	57.9	324,732	51.1	278,888	48.7
Salaries & Wages	235,632	36.8	262,044	41.2	251,434	43.9
Wages	192,208	30.0	218,172	34.3	207,708	36.3
Salaries	43,424	6.8	43,872	6.9	43,726	7.6
(NUMBER IN)						
Total Employees	176	100.0	175	100.0	155	100.0
Wage-Earners (Average)	148	84.1	149	85.1	130	83.9
Salaried Employees	28	15.9	26	14.9	25	16.1
Reports Received	15	-	14	-	13	-

OF THE CONSTRUCTION INDUSTRY
1941 to 1948

13

1944		1945		1946		1947		1948	
Value	% of Total	Value	% of Total	Value	% of Total	Value	% of Total	Value	% of Total
<u>OF DOLLARS)</u>									
449,838	100.0	543,580	100.0	868,661	100.0	1,256,536	100.0	1,665,561	100.0
265,819	59.1	320,225	58.9	577,372	66.5	1,001,910	79.7	1,383,553	83.1
184,019	40.9	223,355	41.1	291,289	33.5	254,626	20.3	282,008	16.9
296,714	66.0	384,672	70.8	632,171	72.8	838,871	66.8	1,087,988	65.3
83,927	18.7	125,524	23.1	193,627	22.3	233,304	18.6	255,756	15.3
21,006	4.7	30,450	5.6	48,624	5.6	73,362	5.8	121,421	7.3
29,234	6.5	42,873	7.9	88,082	10.2	151,130	12.0	166,073	10.0
71,132	3.3	92,800	15.2	151,306	17.4	193,053	15.4	242,832	14.6
15,001	17.0	6,445	1.2	8,769	1.0	7,534	0.6	39,540	2.4
76,414	15.8	96,580	17.8	141,763	16.3	180,488	14.4	262,366	15.7
153,124	34.0	158,908	29.2	236,490	27.2	417,665	35.2	577,573	34.7
73,809	16.4	86,023	15.8	119,810	13.8	819,000	17.4	258,486	15.5
26,205	5.8	31,967	5.9	52,230	6.0	70,436	5.6	108,104	6.5
18,555	4.1	23,734	4.4	49,636	5.7	105,129	8.4	175,968	10.6
3,759	0.8	2,752	0.5	2,371	0.3	6,501	0.5	9,225	0.6
30,796	6.9	14,432	2.6	12,393	1.4	16,599	1.3	25,790	1.5
200,801	44.6	275,622	50.7	459,966	53.0	654,996	52.1	835,917	50.2
197,704	44.0	233,991	43.0	344,893	39.7	482,907	38.4	605,496	36.4
153,419	34.1	181,695	33.4	273,615	31.5	386,898	30.8	492,973	29.6
44,285	9.9	52,396	9.6	71,278	8.2	96,009	7.6	112,518	6.8
<u>THOUSANDS)</u>									
124	100.0	147	100.0	199	100.0	250	100.0	284	100.0
97	78.2	116	78.9	161	81.0	203	81.2	236	83.1
27	21.8	31	21.1	38	19.0	47	18.8	48	16.9
16	-	19	-	24	-	27	-	22	-

Table No. 3 - Value of Building Construction
Performed in Canada, 1941 to 1948.

	1941	1942	1943	1944	1945	1946	1947	1948
	Value of Work (\$000)							
TOTAL	439,095	418,371	368,899	296,714	384,672	632,171	838,871	1,087,988
Dwellings, single	65,622	59,438	48,969	58,315	95,596	150,487	187,566	198,675
Dwellings, double	6,124	5,939	4,377	6,707	9,621	13,850	13,175	14,085
Duplexes	6,805	5,170	4,840	7,178	7,584	12,427	11,202	20,822
Apartment houses	9,035	5,799	5,498	11,728	12,723	16,863	21,360	22,174
Hotels, Clubs, Restaurants, etc.	4,194	2,314	3,343	2,752	3,329	10,164	18,186	16,498
Churches and Church Halls	1,780	1,185	919	1,501	2,034	5,342	9,321	11,940
Hospitals and Sanatoria	5,216	5,712	5,974	11,373	16,996	22,152	26,930	39,354
Schools, Institutions, etc.	8,178	7,349	6,255	8,132	11,418	21,130	37,110	70,127
Office buildings	10,929	15,034	11,006	9,300	13,356	22,050	41,133	61,618
Stores	10,405	5,538	4,753	4,480	8,945	22,362	30,336	40,837
Theatres and amusement halls	2,449	1,248	1,626	1,448	2,582	5,587	16,710	16,280

Table No. 3 - Value of Building Construction
Performed in Canada, 1941 to 1948.

(Continued)

	1941 Value of Work (\$000)	1942 Value of Work (\$000)	1943 Value of Work (\$000)	1944 Value of Work (\$000)	1945 Value of Work (\$000)	1946 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)
Factories and Warehouses	165,774	150,826	137,291	69,246	80,252	143,678	186,086	215,404
Grain Elevators	7,896	2,904	2,119	4,730	5,943	6,267	11,911	14,989
Garages	2,638	1,598	1,590	2,213	3,402	11,539	17,186	15,006
Service Stations	2,422	1,751	1,485	3,611	4,788	9,809	15,150	9,992
Mine buildings	11,924	8,520	3,106	1,886	2,548	7,628	6,967	12,439
Farm buildings	1,350	1,310	1,231	1,428	2,238	3,055	3,358	3,761
Radio Stations	168	252	499	700	529	304	519	1,027
Armouries and Barracks	34,217	53,320	39,949	7,772	2,457	3,518	1,460	1,822
Aeroplane hangars	15,324	13,668	13,340	3,986	513	24	668	1,054
Other Building	2,041	2,900	3,715	1,814	1,237	2,172	2,049	37,718
Work by Building Trades	64,604	66,596	67,014	76,414	96,580	141,763	180,488	262,366

Table No. 4 - Value of Engineering Construction Performed in Canada, 1941 to 1948.

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	1941 Value of Work (\$000)	1942 Value of Work (\$000)	1943 Value of Work (\$000)	1944 Value of Work (\$000)	1945 Value of Work (\$000)	1946 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)
TOTAL	200,656	217,279	203,528	153,124	158,908	236,490	417,665	577,573
Hard Surfaced streets, highways, etc.	25,501	17,325	16,834	23,000	25,219	39,668	68,252	83,238
Gravel or stone streets, highways, etc. ...	22,639	23,691	29,730	27,124	31,525	43,157	84,535	87,988
Dirt or Clay Roads	5,338	5,596	5,485	6,415	6,665	9,536	16,605	21,356
Grading, scraping, oiling, filling, etc. ..	9,583	8,796	9,886	7,037	7,386	9,271	17,343	24,517
Sidewalks	1,513	1,467	1,438	1,645	2,477	2,816	3,447	5,634
Roadside maintenance and area improvement .	2,016	1,652	2,129	2,080	2,678	2,839	4,741	4,350
Bridges, subways, culverts	8,125	5,904	8,242	6,508	10,073	12,524	24,077	31,403
Watermains, sewers, drains	15,582	16,539	14,358	13,640	16,150	27,023	36,578	52,436
Dams and reservoirs	583	11,079	7,657	1,872	3,126	9,264	11,219	18,060
Street lighting	-	-	-	-	-	-	516	1,235
Permanent fencing, guard rails	1,175	556	688	586	760	904	1,674	2,276
Signs, Zone painting	594	536	393	495	490	598	1,041	1,113
Electric stations, power plants, etc.	19,076	51,259	24,226	14,206	15,958	28,136	67,286	101,232
Transmission lines and towers	10,702	7,028	4,662	3,783	7,167	20,169	34,183	70,194
Installation of boilers and machinery	17	-	-	-	114	2,072	1,479	5,093
Railway (steam)	1,606	2,561	1,395	2,915	2,230	1,420	2,875	5,598

Table No. 4 - Value of Engineering Construction Performed in Canada, 1941 to 1948. (Continued)

	1941 Value of Work (\$000)	1942 Value of Work (\$000)	1943 Value of Work (\$000)	1944 Value of Work (\$000)	1945 Value of Work (\$000)	1946 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)
Railway (electric)	-	322	-	844	522	304	2,780	2,672
Aerodromes or landing fields	28,422	35,246	29,085	16,562	4,044	1,988	3,439	5,371
Park systems,	1,760	1,684	1,907	2,137	2,237	3,103	3,801	3,815
Underground conduits	775	704	408	566	609	1,381	3,144	3,307
Telephone and telegraph lines	478	588	688	-	-	647	846	955
Gas mains and connections	409	373	388	-	224	621	1,271	1,144
Other engineering	29,306	6,027	27,315	11,017	6,563	3,106	3,894	6,978
Docks, wharves,	5,310	9,595	9,459	5,190	6,116	6,603	11,234	18,929
Retaining walls	666	505	823	629	1,578	624	1,921	4,089
Canals and waterways	345	539	1,155	1,036	1,343	1,826	1,102	1,699
Dredging, pile-driving	6,004	7,051	4,958	3,661	3,518	6,577	8,379	12,412
Other Marine works	2,631	156	219	176	136	313	3	479

Table No. 5 - Principle Statistics of the

	1941		1942		1943	
	(\$000)	(%)	(\$000)	(%)	(\$000)	(%)
VALUE OF WORK - CANADA	639,751	100.0	635,650	100.0	572,427	100.0
General and Trade Contractors ..	563,978	88.2	575,216	90.5	510,999	89.3
Dominion Government	19,430	3.0	7,669	1.2	7,371	1.3
Provincial Governments	34,849	5.4	33,157	5.2	34,110	5.9
Municipal Governments	21,494	3.4	19,608	3.1	19,947	3.5
COST OF MATERIALS - CANADA	370,189	57.9	324,732	51.1	278,888	48.7
General and Trade Contractors ..	342,115	53.5	308,186	48.5	262,420	45.8
Dominion Government	9,136	1.4	2,187	0.4	2,418	0.4
Provincial Governments	11,502	1.8	8,381	1.3	8,300	1.5
Municipal Governments	7,436	1.2	5,978	0.9	5,750	1.0
SALARIES AND WAGES - CANADA	235,632	36.8	262,043	41.2	251,434	43.9
General and Trade Contractors*..	195,021	30.5	226,641	35.6	214,502	37.5
Dominion Government	9,921	1.5	4,543	0.7	4,341	0.8
Provincial Governments	17,972	2.8	18,430	2.9	19,797	3.4
Municipal Governments	12,718	2.0	12,429	2.0	12,794	2.2
EMPLOYEES - CANADA	(thousands)		(thousands)		(thousands)	
	176	100.0	175	100.0	155	100.0
General and Trade Contractors*..	140	79.5	141	80.6	121	78.1
Dominion Government	8	4.6	4	2.3	3	1.9
Provincial Governments	17	9.7	20	11.4	21	13.5
Municipal Governments	11	6.2	10	5.7	10	6.5
REPORTS RECEIVED - CANADA	(Units)		(Units)		(Units)	
	15,031	100.0	13,754	100.0	12,600	100.0
General and Trade Contractors ..	14,625	97.3	13,330	96.9	12,163	96.5
Dominion Government	47	0.3	42	0.3	51	0.4
Provincial Governments	17	0.1	19	0.2	19	0.2
Municipal Governments	342	2.3	363	2.6	367	2.9

* Includes

Construction Industry in Canada, 1941 to 1948.

1944		1945		1946		1947		1948	
(\$000)	(%)	(\$000)	(%)	(\$000)	(%)	(\$000)	(%)	(\$000)	(%)
449,838	100.0	543,580	100.0	868,661	100.0	1,256,536	100.0	1,665,561	100.0
381,216	84.7	458,869	84.4	775,452	89.3	1,097,382	87.3	1,486,846	89.3
8,319	1.9	15,227	2.8	15,184	1.7	18,641	1.5	31,078	1.9
36,520	8.1	43,136	7.9	43,943	5.1	93,172	7.4	88,755	5.3
23,783	5.3	26,348	4.9	34,082	3.9	47,341	3.8	58,882	3.5
200,801	44.6	275,622	50.7	459,966	53.0	654,996	52.1	835,917	50.2
181,452	40.3	249,226	45.8	426,801	49.1	599,006	47.7	764,954	45.9
2,655	0.6	5,725	1.1	5,418	0.6	7,777	0.6	14,993	0.9
8,872	2.0	12,034	2.2	15,221	1.8	29,450	2.3	32,439	2.0
7,822	1.7	8,637	1.6	12,526	1.5	18,763	1.5	23,531	1.4
197,704	44.0	233,991	43.0	344,893	39.7	482,907	38.4	605,496	36.4
157,827	35.1	185,495	34.1	295,283	34.0	403,250	32.1	526,880	31.6
5,015	1.1	9,164	1.7	9,199	1.1	10,732	0.8	15,509	1.0
20,686	4.6	23,336	4.3	20,973	2.4	43,970	3.5	34,223	2.1
14,176	3.2	15,996	2.9	19,438	2.2	24,955	2.0	28,884	1.7
(thousands)		(thousands)		(thousands)		(thousands)		(thousands)	
124	100.0	147	100.0	199	100.0	250	100.0	284	100.0
93	75.0	111	75.5	166	83.4	205	82.0	239	84.2
4	3.2	6	4.1	5	2.5	6	2.4	7	2.5
17	13.7	19	12.9	15	7.6	25	10.0	22	7.7
10	8.1	11	7.5	13	6.5	14	5.6	16	5.6
(Units)		(Units)		(Units)		(Units)		(Units)	
16,121	100.0	19,025	100.0	23,793	100.0	26,542	100.0	21,909	100.0
15,687	97.3	18,580	97.6	23,356	98.2	26,020	98.0	21,353	97.4
52	0.3	71	0.4	75	0.3	116	0.5	151	0.7
24	0.2	19	0.1	21	0.1	29	0.1	20	0.1
358	2.2	355	1.9	341	1.4	377	1.4	385	1.3

Working Owners.

Table No. 6 - Value of New Construction

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	491,397	100.0	490,318	100.0	422,424	100.0
Prince Edward Island	1,604	0.3	1,106	0.2	1,295	0.3
Nova Scotia	26,814	5.5	45,928	9.4	31,681	7.5
New Brunswick	14,673	3.0	10,683	2.2	8,353	2.0
Quebec	144,493	29.4	168,186	34.3	122,157	28.9
Ontario	192,536	39.2	152,788	31.1	151,574	35.9
Manitoba	22,693	4.6	15,023	3.1	12,345	2.9
Saskatchewan	15,283	3.1	10,731	2.2	6,142	1.5
Alberta	26,753	5.4	26,061	5.3	16,439	3.9
British Columbia*	46,543	9.5	59,812	12.2	72,438	17.1

Table No. 7 - Value of New Construction in Canada

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	433,230	100.0	444,775	100.0	381,329	100.0
Prince Edward Island	1,480	0.4	1,032	0.2	976	0.3
Nova Scotia	22,169	5.1	43,446	9.8	29,301	7.7
New Brunswick	11,525	2.7	9,207	2.1	7,050	1.9
Quebec	130,526	30.1	155,884	35.1	108,104	28.3
Ontario	169,938	39.2	134,148	30.2	138,627	36.3
Manitoba	21,219	4.9	13,888	3.1	11,134	2.9
Saskatchewan	13,026	3.0	9,116	2.0	4,449	1.2
Alberta	22,948	5.3	23,120	5.2	13,445	3.5
British Columbia*	40,399	9.3	54,934	12.3	68,243	17.9

* Includes Yukon and
¹ Includes work performed by Trade

1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total (%)								
265,819	100.0	320,225	100.0	577,372	100.0	1,001,910	100.0	1,383,553	100.0
1,298	0.5	1,341	0.4	1,664	0.3	2,156	0.2	4,660	0.3
16,681	6.3	13,098	4.1	22,895	4.0	33,133	3.3	52,483	3.8
7,465	2.8	7,086	2.2	17,476	3.0	33,970	3.4	42,105	3.0
81,924	30.8	92,699	29.0	157,186	27.2	275,849	27.5	369,344	26.7
90,228	33.9	121,836	38.1	220,712	38.2	397,875	39.7	560,494	40.5
11,106	4.2	17,088	5.3	28,197	4.9	49,771	5.0	69,718	5.0
6,154	2.3	10,312	3.2	19,834	3.4	31,471	3.2	39,299	2.9
17,642	6.7	21,722	6.8	37,478	6.5	55,278	5.5	93,825	6.8
33,321	12.5	35,043	10.9	71,930	12.5	122,407	12.2	151,625	11.0

Performed by General Contractors¹, by Provinces, 1941 to 1948.

1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total (%)								
218,376	100.0	263,772	100.0	491,637	100.0	829,622	100.0	1,126,812	100.0
1,183	0.5	1,121	0.4	1,456	0.3	1,754	0.2	4,022	0.3
14,505	6.6	11,254	4.3	19,658	4.0	25,903	3.1	42,054	3.7
5,325	2.5	4,811	1.8	13,582	2.8	27,750	3.3	33,379	3.0
68,696	31.5	77,699	29.5	140,744	28.6	227,336	27.4	312,635	27.7
73,471	33.6	101,985	38.7	188,983	38.4	339,376	40.9	461,856	41.0
9,090	4.2	14,613	5.5	22,998	4.7	40,695	4.9	52,617	4.7
3,910	1.8	7,950	3.0	15,110	3.1	24,503	3.0	28,966	2.6
14,171	6.5	16,073	6.1	29,266	5.9	39,390	4.8	66,301	5.9
28,025	12.3	28,261	10.7	59,840	12.2	102,830	12.4	124,982	11.1

Northwest Territories.

Contractors under Subcontract.

Table No. 8-Value of New Construction in Canada Performed by

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	26,621	100.0	25,607	100.0	23,876	100.0
Prince Edward Island	92	0.3	66	0.3	304	1.3
Nova Scotia	1,859	7.0	1,575	6.1	1,582	6.6
New Brunswick	527	2.0	415	1.6	391	1.6
Quebec	6,270	23.5	6,881	26.9	7,251	30.4
Ontario	13,409	50.4	12,819	50.1	10,338	43.3
Manitoba	739	2.8	574	2.2	593	2.5
Saskatchewan	749	2.8	541	2.1	464	1.9
Alberta	1,066	4.0	1,001	3.9	942	4.0
British Columbia*	1,910	7.2	1,735	6.8	2,011	8.4

Table No. 9 - Value of New Construction in Canada

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	31,546	100.0	19,936	100.0	17,219	100.0
Prince Edward Island	32	0.1	8	0.0	15	0.1
Nova Scotia	2,786	8.8	907	4.6	798	4.6
New Brunswick	2,621	8.3	1,061	5.3	912	5.3
Quebec	7,697	24.4	5,421	27.2	6,802	39.5
Ontario	9,139	29.1	5,821	29.2	2,609	15.2
Manitoba	740	2.4	561	2.8	618	3.6
Saskatchewan	1,508	4.8	1,074	5.4	1,229	7.1
Alberta	2,739	8.7	1,950	9.7	2,052	11.9
British Columbia*	4,234	13.4	3,143	15.8	2,184	12.7

* Excludes Trade Contractors

+ Includes Yukon and

2 Refers to work performed by personnel while in the direct

Own Account Trade Contractors¹ - by Provinces, 1941 to 1948.

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1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total (%)								
27,472	100.0	33,066	100.0	54,126	100.0	90,263	100.0	162,425	100.0
84	0.3	188	0.6	145	0.3	271	0.3	367	0.2
1,156	4.2	889	2.7	1,504	2.8	1,825	2.0	3,995	2.5
554	2.0	659	2.0	840	1.6	1,713	1.9	3,022	1.9
6,191	22.5	8,305	25.1	12,185	22.5	24,438	27.1	45,622	28.1
13,741	50.0	16,120	48.7	24,164	44.6	39,948	44.3	69,563	42.8
1,265	4.6	1,441	4.4	3,096	5.7	4,327	4.8	8,150	5.0
577	2.1	813	2.5	1,641	3.0	2,136	2.4	4,341	2.7
1,057	3.9	1,983	6.0	3,222	6.0	5,099	5.6	10,571	6.5
2,847	10.4	2,658	8.0	7,329	13.5	10,506	11.6	16,794	10.3

Performed by Government's Own Forces,² by Provinces, 1941 to 1948.

1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total (%)								
19,971	100.0	23,387	100.0	31,609	100.0	82,025	100.0	94,316	100.0
31	0.2	32	0.2	63	0.2	131	0.2	271	0.3
1,020	5.1	955	4.1	1,733	5.5	5,320	6.5	6,434	6.3
1,586	7.9	1,616	6.9	3,054	9.7	4,507	5.5	5,704	6.1
7,037	35.2	6,695	28.6	4,257	13.5	24,075	29.3	11,087	11.8
3,016	15.1	3,731	16.0	7,565	23.9	18,551	22.6	29,075	30.8
751	3.8	1,034	4.4	2,103	6.6	4,749	5.6	8,951	9.5
1,667	8.3	1,544	6.6	3,083	9.7	4,832	5.9	5,992	6.3
2,414	12.1	3,656	15.6	4,990	15.8	10,789	13.1	16,953	18.0
2,449	12.3	4,124	17.6	4,761	15.1	9,071	11.1	9,849	10.4

under Subcontract.

Northwest Territories.

employ of the Canadian, Provincial and Municipal Governments.

Table No. 10 - Value of Construction Repairs,

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	148,354	100.0	145,332	100.0	150,003	100.0
Prince Edward Island	335	0.2	362	0.2	350	0.2
Nova Scotia	6,339	4.3	8,332	5.7	8,986	6.0
New Brunswick	3,878	2.6	3,512	2.4	3,654	2.5
Quebec	37,367	25.2	37,215	25.6	37,719	25.2
Ontario	68,703	46.3	65,040	44.8	65,142	43.4
Manitoba	6,911	4.7	7,069	4.9	7,846	5.2
Saskatchewan	5,386	3.6	4,872	3.4	4,986	3.3
Alberta	8,543	5.8	7,329	5.0	8,703	5.8
British Columbia*	10,892	7.3	11,601	8.0	12,617	8.4

Table No. 11 - Value of Construction Repairs, Additions, etc. in

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	67,058	100.0	64,114	100.0	63,361	100.0
Prince Edward Island	132	0.2	139	0.2	115	0.2
Nova Scotia	3,404	5.1	3,396	5.3	3,383	5.3
New Brunswick	1,192	1.8	934	1.5	1,292	2.1
Quebec	18,143	27.1	16,730	26.1	15,158	23.9
Ontario	31,089	46.3	30,327	47.3	28,587	45.1
Manitoba	2,991	4.4	3,159	4.9	3,760	5.9
Saskatchewan	2,863	4.3	2,463	3.8	2,242	3.6
Alberta	3,366	5.0	2,772	4.3	3,683	5.8
British Columbia*	3,878	5.8	4,194	6.6	5,141	8.1

* Includes Yukon and
1 Includes work performed by

1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total								
184,019	100.0	223,355	100.0	291,289	100.0	254,626	100.0	282,008	100.0
664	0.3	536	0.3	717	0.3	915	0.4	764	0.3
13,152	7.2	16,227	7.3	17,954	6.2	19,764	7.8	21,024	7.5
6,192	3.4	7,283	3.3	10,285	3.5	8,705	3.4	9,485	3.4
49,140	26.7	57,467	25.8	68,396	23.5	62,666	24.6	52,132	18.5
75,167	40.8	94,709	42.1	126,905	43.6	103,776	40.3	121,972	43.2
8,251	4.5	11,295	5.1	15,266	5.2	11,483	4.5	12,512	4.4
6,269	3.4	7,170	3.2	9,443	3.2	8,537	3.3	10,081	3.6
9,927	5.4	10,291	4.6	14,095	4.8	12,373	4.8	15,623	5.5
15,257	8.3	18,372	8.3	23,218	9.7	26,407	10.4	38,415	13.6

Canada, Performed by General Contractors¹, by Provinces, 1941 to 1948.

1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total								
86,857	100.0	99,172	100.0	142,155	100.0	88,547	100.0	97,668	100.0
331	0.4	255	0.3	236	0.2	375	0.4	176	0.2
5,162	5.9	5,111	5.1	6,509	4.6	8,626	9.7	10,250	10.5
2,453	2.3	2,326	2.8	4,582	3.2	2,198	2.5	2,385	2.4
24,814	28.6	26,515	26.7	35,955	25.3	19,075	21.5	19,139	19.6
36,130	41.6	43,032	43.4	61,345	43.2	36,352	41.1	44,420	45.5
3,759	4.4	5,523	5.6	8,734	6.1	3,899	4.4	4,725	4.8
3,239	3.7	3,637	3.7	5,052	3.5	3,608	4.1	4,067	4.2
4,080	4.7	4,082	4.1	6,785	4.8	4,157	4.7	3,977	4.1
6,889	7.9	8,191	8.3	12,957	9.1	10,257	11.6	8,529	8.7

Northwest Territories.

Trade Contractors under Contract.

Table 12 - Value of Construction, Repairs, Additions, etc. in Canada

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	37,069	100.0	40,720	100.0	42,433	100.0
Prince Edward Island	53	0.1	125	0.3	114	0.3
Nova Scotia	1,152	3.1	1,289	3.2	1,436	3.4
New Brunswick	637	1.7	751	1.8	671	1.6
Quebec	8,933	24.1	10,252	25.2	10,782	25.4
Ontario	20,136	54.3	21,487	52.8	21,938	51.7
Manitoba	2,021	5.5	2,121	5.2	2,393	5.6
Saskatchewan	347	2.3	829	2.0	998	2.4
Alberta.....	1,123	3.0	1,325	3.3	1,245	2.9
British Columbia*	2,167	5.9	2,541	6.2	2,856	6.7

Table No. 13 - Value of Construction, Repairs, Additions, etc.

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
CANADA	44,227	100.0	40,498	100.0	44,209	100.0
Prince Edward Island	150	0.3	98	0.2	121	0.3
Nova Scotia	1,783	4.0	3,647	9.0	4,167	9.4
New Brunswick	2,049	4.6	1,827	4.5	1,691	3.8
Quebec	10,291	23.3	10,233	25.3	11,779	26.6
Ontario	17,473	39.5	13,226	32.7	14,615	33.1
Manitoba	1,899	4.3	1,789	4.4	1,693	3.8
Saskatchewan	1,676	3.8	1,580	3.9	1,748	4.0
Alberta	4,054	9.2	3,232	8.0	3,775	8.5
British Columbia*	4,347	11.0	4,866	12.0	4,620	10.5

* Includes Yukon and
1 Excludes Trade Contractors

² Refers to work performed by personnel while in the direct

Performed by Own Account Trade Contractors¹, by Provinces, 1941 to 1948.

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1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total								
48,511	100.0	62,860	100.0	87,535	100.0	88,949	100.0	99,941	100.0
208	0.4	130	0.2	210	0.2	189	0.2	293	0.3
2,885	5.9	4,138	6.6	3,863	4.4	3,512	4.0	3,356	3.4
999	2.1	1,227	1.9	1,904	2.2	2,156	2.4	2,416	2.4
13,214	27.3	16,526	26.3	24,033	27.5	21,554	24.2	25,318	25.3
22,469	46.3	30,065	47.8	42,408	48.4	44,631	50.2	47,600	47.6
2,772	5.7	3,168	5.0	3,618	4.1	4,406	4.9	4,376	4.4
1,173	2.4	1,296	2.1	1,743	2.0	2,279	2.6	2,621	2.6
1,481	3.1	2,005	3.2	2,432	2.8	2,994	3.4	4,557	4.6
3,310	6.8	4,305	6.9	7,324	8.4	7,223	8.1	9,404	9.4

Performed by Government's Own Forces², by Provinces, 1941 to 1948.

1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total								
48,651	100.0	61,323	100.0	61,599	100.0	77,130	100.0	84,399	100.0
125	0.3	151	0.3	271	0.4	351	0.5	295	0.3
5,105	10.5	6,978	11.4	7,592	12.3	7,626	9.9	7,418	8.8
2,740	5.6	3,235	5.3	3,799	6.2	4,351	5.6	4,684	5.6
11,112	22.8	14,426	23.5	8,408	13.7	22,037	28.6	7,675	9.1
16,568	34.1	21,612	35.2	23,152	37.6	22,793	29.5	29,952	35.5
1,720	3.5	2,604	4.2	2,914	4.7	3,178	4.1	3,411	4.0
1,857	3.8	2,237	3.5	2,648	4.3	2,650	3.4	3,393	4.0
4,366	9.0	4,204	6.9	4,878	7.9	5,222	6.8	7,089	8.4
5,058	10.4	5,876	9.6	7,937	12.9	8,922	11.6	20,432	24.3

Northwest Territories.

under Subcontract.

employ of the Canadian, Provincial and Municipal Governments.

Table No. 14 - Statistical Details of the Construction

C A N A D A

	Value in \$ thousands			% Changes	
	1941	1947	1948	1948	1948
				1941	1947
Total Construction	639,751	1,256,536	1,665,561	160.3	32.6
New Construction	491,397	1,001,910	1,383,553	181.6	38.1
Repairs, etc.	148,354	254,626	282,008	90.1	10.8
Building Construction	439,095	838,871	1,087,988	147.8	29.7
Residential Building	87,586	233,304	255,756	192.0	9.6
Institutional Building	15,175	73,362	121,421	(a)	65.5
Commercial Building	41,157	151,130	166,073	303.5	9.9
Industrial Building	177,698	193,053	242,832	36.7	25.8
Other Building	52,875	7,534	39,540	- 25.2	424.8
Work by building trades	64,604	180,488	262,366	306.1	45.4
Engineering Construction	200,656	417,665	577,573	187.8	38.3
Roads, bridges, etc.	74,715	219,000	258,486	246.0	18.0
Marine Construction	31,621	70,436	108,104	241.9	53.5
Electric stations, etc.	30,553	105,129	175,968	475.9	67.4
Railway t'phone, t'graph	2,084	6,501	9,225	342.7	41.9
Other Engineering	61,683	16,599	25,790	- 58.2	55.4
Cost of Materials	370,189	654,996	835,917	125.8	27.6
Salaries & Wages	235,632	482,907	605,496	157.0	25.4
Wages	192,208	386,898	492,978	156.5	27.4
Salaries	43,424	96,009	112,518	159.1	17.2
(NUMBER IN THOUSANDS)					
Total Employees	176	250	284	61.4	13.6
Wage-Earners (Average)	148	203	236	59.5	16.3
Salaried Employees	28	47	48	71.4	2.1
Reports Received	15	27	22	46.7	- 18.5
O N T A R I O					
Total Construction	261,239	501,651	682,466	161.2	36.0
New Construction	192,536	397,875	560,494	191.1	40.9
Repairs, etc.	68,703	103,776	121,972	77.5	17.5
Building Construction	180,281	351,828	463,393	157.0	31.7
Residential Building	40,381	95,215	109,007	169.9	14.5
Institutional Building	3,105	22,661	38,192	(a)	68.5
Commercial Building	17,586	58,343	73,782	319.5	26.5
Industrial Building	71,121	88,008	105,653	48.6	20.0
Other Building	14,544	2,997	19,596	34.7	(a)
Work by building trades	33,544	84,604	117,163	249.3	38.5
Engineering Construction	80,958	149,823	219,073	170.6	46.2
Roads, bridges, etc.	36,722	62,841	78,791	114.6	25.4
Marine Construction	9,142	21,056	37,092	305.7	76.2
Electric stations, etc.	4,666	55,362	89,325	(a)	61.3
Railway t'phone, t'graph	320	2,934	882	175.6	- 69.9
Other Engineering	30,108	7,630	12,983	- 56.9	70.2
Cost of Materials	153,067	257,098	337,406	120.4	31.2
Salaries & Wages	93,829	191,477	254,929	171.7	33.1
Wages	74,546	150,205	204,381	174.2	36.1
Salaries	19,283	41,272	50,548	162.1	22.5
(NUMBER IN THOUSANDS)					
Total Employees	68	97	112	64.7	15.5
Wage-Earners (Average)	55	77	91	65.5	18.2
Salaried Employees	13	20	21	61.5	5.0
Reports Received	7	11	10	42.9	- 9.1

(a) Increase over 500%

All % changes preceded by

M A R I T I M E P R O V I N C E S

Q U E B E C

Value in \$ thousands			% Changes		Value in \$ thousands			% Changes	
1941	1947	1948	1948 1941	1948 1947	1941	1947	1948	1948 1941	1948 1947
53,643	98,643	130,521	143.3	32.3	181,860	338,515	421,476	131.3	24.5
43,091	69,259	99,248	130.3	43.3	144,493	275,849	369,344	155.6	33.9
10,552	29,384	31,273	196.4	6.4	37,367	62,666	52,132	39.5	-16.8
32,082	49,892	71,785	123.8	43.9	127,760	224,305	292,855	129.2	30.6
4,756	9,311	13,148	176.5	41.2	22,863	47,287	60,541	164.8	28.0
1,150	7,010	10,144	(a)	44.7	7,827	29,507	45,694	483.8	54.9
1,919	8,790	9,532	396.7	8.4	9,547	41,506	36,905	286.6	-11.1
6,033	14,379	22,257	268.9	54.8	62,711	57,471	67,416	7.5	17.3
13,903	715	3,255	- 76.6	355.2	8,924	1,375	11,359	27.3	(a)
4,321	9,687	13,449	211.2	38.8	15,888	47,159	70,940	346.5	50.4
21,561	48,751	58,736	172.4	20.5	54,100	114,210	128,621	137.7	12.6
4,979	32,045	38,006	(a)	18.6	19,158	67,184	58,850	207.2	-12.4
5,218	8,555	12,287	135.5	43.6	8,250	19,745	28,652	247.3	45.1
134	1,602	5,715	(a)	256.7	8,040	21,991	33,406	315.5	51.9
171	24	17	- 90.1	- 29.2	202	1,334	3,208	(a)	140.5
11,059	6,525	2,711	- 75.5	- 58.5	18,450	3,956	4,505	- 75.6	13.9
30,384	48,176	67,502	122.2	40.1	105,307	181,617	227,290	115.8	25.1
20,238	40,147	48,185	138.1	20.0	73,374	132,495	148,710	102.7	12.2
17,599	33,637	40,934	132.6	21.7	61,281	108,108	122,574	100.0	13.4
2,639	6,510	7,251	174.8	11.4	12,093	24,387	26,136	116.1	7.2
(NUMBER IN THOUSANDS)					(NUMBER IN THOUSANDS)				
16	23	29	81.3	25.1	56	71	74	32.1	4.2
14	20	26	85.7	30.0	49	60	63	28.6	5.0
2	3	3	50.0	0.0	7	11	11	57.1	0.0
1	2	1	0.0	- 50.0	3	5	5	66.7	0.0

P R A I R I E P R O V I N C E S

B R I T I S H C O L U M B I A

85,574	168,914	241,058	181.7	42.7	57,435	148,813	190,040	230.9	27.7
64,734	136,521	202,842	213.3	48.6	46,543	122,406	151,625	225.8	23.9
20,840	32,393	38,216	83.4	18.0	10,892	26,407	38,415	252.7	45.5
58,360	114,592	147,090	152.0	28.4	40,612	98,254	112,865	177.9	14.9
8,006	43,290	40,687	408.2	- 6.0	11,580	38,201	32,341	179.3	- 15.3
1,943	9,208	14,386	(a)	56.2	1,150	4,975	13,005	(a)	161.4
9,168	25,122	25,182	174.7	0.2	2,937	17,369	18,695	(a)	7.6
21,865	14,445	24,581	12.4	70.2	15,969	18,750	19,051	19.3	1.6
10,808	1,276	7,638	- 29.3	498.6	4,695	1,171	3,575	- 23.9	205.3
6,570	21,251	34,616	426.9	62.9	4,281	17,788	26,198	(a)	47.3
27,214	54,322	93,968	245.3	73.0	15,823	50,559	77,175	358.7	52.6
8,562	31,475	51,474	(a)	63.3	5,047	22,223	29,236	479.3	31.6
4,010	8,906	12,515	212.1	40.5	3,660	11,914	17,112	367.5	43.6
1,269	9,663	22,055	(a)	128.2	1,129	6,446	24,435	(a)	279.1
60	74	574	(a)	(a)	138	177	1,421	(a)	(a)
13,313	4,204	7,350	- 44.8	74.8	6,849	9,799	4,971	- 27.4	- 49.3
49,477	88,072	110,061	122.4	25.0	31,954	80,033	93,658	193.1	17.0
28,319	58,750	78,499	177.2	33.6	19,872	60,038	75,173	278.2	25.2
22,984	46,325	62,895	173.6	35.8	15,798	48,623	62,194	293.7	27.9
5,335	12,425	15,604	192.5	25.6	4,074	11,415	12,979	218.6	13.7
(NUMBER IN THOUSANDS)					(NUMBER IN THOUSANDS)				
21	31	38	81.0	22.6	15	28	31	106.7	10.7
15	24	30	66.7	25.0	12	22	26	116.7	18.2
3	7	8	166.7	14.3	3	6	5	66.7	-16.7
2	5	3	50.0	- 40.0	2	4	3	50.0	- 25.0

minus sign (-) denotes decreases.

x Includes Yukon and Northwest Territories

Table No. 15 - Value of Building Construction in Canada
by Provinces, 1941, 1947, 1948.

(In thousands of dollars)

	CANADA			MARITIME PROVINCES			QUEBEC		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	439,095	838,871	1,087,988	32,082	49,892	71,785	127,760	224,305	292,855
Dwellings, single	65,622	187,566	198,675	4,117	7,821	11,886	8,496	22,089	23,386
Dwellings, double	6,124	13,175	14,085	226	717	370	4,041	6,902	9,676
Duplexes	6,805	11,202	20,822	81	35	288	5,179	8,809	18,054
Apartment Houses	9,035	21,360	22,174	281	590	604	5,146	9,487	9,425
Hotels, Clubs, Restaurants, etc.	4,194	18,186	16,498	105	338	554	1,231	7,587	4,761
Churches and Church Halls	1,780	9,321	11,940	65	651	913	1,042	5,273	4,744
Hospitals and Sanatoria	5,216	26,930	39,354	367	1,896	2,302	2,359	10,117	16,787
Schools and Institutions, etc.	8,178	37,110	70,127	75	3,876	6,929	4,426	14,117	24,153
Office buildings	10,929	41,133	61,618	611	2,294	3,984	3,344	11,051	17,907
Stores	10,405	30,336	40,837	517	1,401	2,115	2,430	6,263	8,162
Theatres and Amusement Halls	2,449	16,710	16,280	37	1,045	1,325	617	5,938	2,034
Factories and Warehouses	165,774	186,086	215,404	6,003	14,202	21,967	61,113	54,694	63,142
Grain Elevators	7,896	11,911	14,989	21	59	173	168	829	522
Garages	2,638	17,186	15,006	107	1,182	902	1,161	4,168	3,535
Service Stations	2,422	15,150	9,992	242	1,442	433	516	-	-
Mine buildings	11,924	6,967	12,439	-	-	117	1,598	2,777	3,752
Farm Buildings (excl. dwellings) ..	1,350	3,358	3,761	5	53	219	174	330	506
Radio Stations	168	519	1,027	-	-	-	3,457	2	-
Armouries & Barracks	34,217	1,460	1,822	11,920	345	301	-	-	-
Aeroplane Hangars	15,324	668	1,054	7	-	-	4,744	253	32
Other building	2,041	2,049	37,718	2,974	2,258	2,954	630	6,460	11,327
Work by Building Trades	64,604	180,488	262,366	4,321	9,687	13,449	15,888	47,159	70,940

Table No. 15 - Value of Building Construction in Canada
by Provinces, 1941, 1947, 1948. (Continued).

(In thousands of dollars)

	ONTARIO			PRAIRIE PROVINCES			BRITISH COLUMBIA*		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	180,281	351,828	463,393	58,360	114,592	147,090	40,612	98,254	112,865
Dwellings, single	35,884	85,133	96,437	6,963	40,029	37,897	10,144	32,494	29,069
Dwellings, double	1,385	3,015	3,091	150	616	573	304	1,911	375
Duplexes	836	1,192	1,578	257	591	472	440	540	398
Apartments	2,276	5,876	7,901	427	2,030	1,745	691	3,256	2,499
Hotels, Clubs, Restaurants, etc.	2,265	5,497	6,428	322	2,107	2,950	206	1,951	1,805
Churches and Church Halls	456	1,980	4,505	57	757	877	112	570	901
Hospitals and Sanatoria	944	8,862	11,827	114	4,300	4,810	695	1,291	3,628
Schools and Institutions, etc.	1,705	11,818	21,860	1,208	4,151	8,699	343	3,027	8,476
Office Buildings	4,324	17,089	24,604	1,811	4,709	6,752	517	5,990	8,371
Stores	4,763	12,297	19,056	1,452	4,295	6,874	1,240	4,862	4,630
Theatres and Amusement Halls	987	7,547	10,165	276	893	1,611	433	1,139	1,145
Factories and Warehouses	65,653	84,682	93,833	10,492	13,994	17,799	12,240	18,379	18,663
Grain Elevators	3,385	4,156	4,565	4,245	6,613	5,743	10	255	131
Garages	811	6,587	6,169	309	3,573	2,847	248	1,671	1,553
Service Stations	1,010	5,056	4,931	371	1,188	3,105	43	1,120	935
Mine buildings	5,468	3,326	7,255	27	536	1,039	58	-	257
Farm Buildings(excl.dwellings)	884	1,949	2,187	144	519	566	133	470	256
Aeroplane Hangars	3,194	-	-	3,862	13	-	2,423	-	-
Radio Stations	33	113	242	12	233	477	-	-	-
Armouries & Barracks	10,333	237	450	2,305	228	389	1,474	397	301
Other Building	141	812	19,146	16,986	1,966	7,249	4,577	1,143	3,274
Work by Building Trades	33,544	84,604	117,163	6,570	21,251	34,616	4,281	17,788	26,198

* Includes Yukon and Northwest Territories.

Table No. 16 - Value of Building Construction in Canada Performed
by General Contractors¹ by Provinces -
1941, 1947, 1948.

(In thousands of dollars)

	CANADA			MARITIME PROVINCES			QUEBEC		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	358,723	638,011	794,571	23,605	37,369	54,946	109,413	174,212	218,802
Dwellings, single	64,025	181,050	189,420	4,102	7,365	11,100	8,060	21,983	22,717
Dwellings, double	6,124	13,175	14,085	226	716	370	4,041	6,902	9,676
Duplexes	6,805	11,202	20,322	81	35	288	5,179	8,809	18,054
Apartment Houses	9,035	20,762	22,173	281	590	604	5,146	9,487	9,425
Hotels, Clubs, Restaurants ...	4,162	18,064	16,349	102	289	553	1,211	7,578	4,761
Churches and Church Halls ...	1,780	9,321	11,940	65	652	913	1,043	5,273	4,744
Hospitals and Sanitoria ...	4,851	25,939	39,308	309	1,483	2,302	2,359	10,102	16,787
Schools and Institutions, etc.	8,087	35,999	68,335	68	3,680	6,760	4,426	13,369	23,494
Office Buildings	8,706	37,035	56,106	520	1,797	3,464	3,195	10,647	17,689
Stores.....	10,405	30,325	40,788	517	1,401	2,115	2,430	6,263	8,152
Theatres and amusement halls .	2,362	16,689	16,253	37	1,046	1,325	551	5,939	2,023
Factories and Warehouses	164,647	183,536	213,033	5,769	13,520	21,572	60,791	53,967	62,511
Grain Elevators	7,657	11,491	14,478	-	-	7	-	599	291
Garages	2,210	16,167	14,117	69	1,027	800	1,103	3,817	3,343
Service Stations	2,422	15,150	9,992	242	1,442	433	516	-	-
Mine Buildings	11,924	6,967	12,439	-	-	117	1,598	2,776	3,752
Farm Buildings (excl. dwellings)	1,244	2,710	3,124	5	44	211	79	297	477
Aeroplane Hangars	15,324	647	1,054	7	-	-	3,457	-	-
Radio Stations	168	325	1,018	-	-	-	-	-	-
Armouries and Barracks	26,095	238	394	8,366	-	4	3,917	-	7
Other Buildings	695	1,219	29,343	2,839	2,282	2,008	311	6,404	10,899

Table No. 16 - Value of Building Construction in Canada Performed
by General Contractors¹ by Provinces -
1941, 1947, 1948. (Continued)

(In thousands of dollars)

	ONTARIO			PRAIRIE PROVINCES			BRITISH COLUMBIA *		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	142,133	260,729	333,160	49,364	87,942	105,390	34,213	77,759	82,273
Dwellings, single	34,959	83,607	92,133	6,772	36,364	35,473	10,132	31,731	27,997
Dwellings, double	1,385	3,015	3,091	150	535	573	304	1,911	375
Duplexes	835	1,192	1,578	258	587	472	441	540	398
Apartment houses	2,276	5,279	7,900	427	2,027	1,745	691	3,256	2,499
Hotels, Clubs, Restaurants	2,255	5,432	6,428	323	2,107	2,950	206	1,951	1,657
Churches and Church halls	456	1,981	4,505	58	757	877	112	570	901
Hospitals and Sanitoria	725	8,346	11,825	89	4,248	4,766	614	1,281	3,628
Schools and Institutions, etc.	1,664	11,736	21,415	1,114	4,105	8,587	331	2,989	8,079
Office buildings	3,799	15,451	21,973	385	4,273	6,304	487	4,867	6,676
Stores	4,763	12,286	19,056	1,452	4,296	6,874	1,240	4,862	4,591
Theatres and amusement halls	980	7,526	10,155	262	893	1,608	432	1,139	1,142
Factories and warehouses	65,370	83,937	93,016	10,445	13,770	17,517	12,028	18,177	18,417
Grain elevators	3,355	4,073	4,491	4,221	6,599	5,724	-	190	110
Garages	638	6,201	5,731	233	3,475	2,789	166	1,642	1,454
Service stations	1,010	5,056	4,931	341	1,534	3,105	43	1,119	935
Mine buildings	5,468	3,326	7,255	27	104	1,039	58	-	257
Farm buildings (excl. dwellings) ..	883	1,428	1,695	134	447	488	133	459	226
Aeroplane hangers	3,194	-	-	3,862	-	-	2,423	-	-
Radio stations	33	113	233	-	-	477	-	-	-
Armouries and barracks	8,018	-	34	544	-	-	436	-	-
Other Buildings	67	744	15,715	18,267	1,821	4,022	3,936	1,075	2,931

¹ Includes work performed by trade contractors under subcontract.

* Includes Yukon and Northwest Territories.

34 TABLE NO. 17 - VALUE OF BUILDING CONSTRUCTION IN CANADA PERFORMED BY OWN ACCOUNT, TRADE CONTRACTORS¹ BY PROVINCES, 1941, 1947, 1948.

	CANADA				
	Value of Work			Percentage Changes	
	1941 (\$000)	1947 (\$000)	1948 (\$000)	1948/41 (%)	1948/47 (%)
TOTAL - All Trades	64,604	180,488	262,366	+ 306.1	+ 45.4
Bricklaying	1,300	3,664	5,154	+ 296.5	+ 40.7
Carpentry	2,391	9,827	11,573	+ 384.0	+ 17.8
Concrete & Cement	1,689	5,742	9,110	+ 439.4	+ 58.7
Electrical	7,080	24,264	40,837	+ 476.8	+ 68.3
Lathing, Plastering & Stucco	1,311	4,093	9,122	(a)	+ 122.9
Painting & Decorating	6,943	19,667	23,482	+ 238.2	+ 19.4
Plumbing & Heating	22,191	55,615	84,643	+ 281.4	+ 52.2
Roofing, Excluding Sheet Metal ...	2,667	6,104	10,267	+ 285.0	+ 68.2
Sheet Metal, Including Roofing ...	5,324	10,305	14,220	+ 167.1	+ 38.0
Tiling, Marble & Terrazzo	1,096	2,917	2,952	+ 169.3	+ 1.2
Other Trades	12,612	38,290	51,006	+ 304.4	+ 33.2
M A R I T I M E P R O V I N C E S					
TOTAL - All Trades	4,321	9,687	13,449	+ 211.2	+ 38.8
Bricklaying	42	104	232	+ 452.4	+ 123.1
Carpentry	148	729	1,153	(a)	+ 58.2
Concrete & Cement	8	185	327	(a)	+ 76.8
Electrical	315	985	1,678	+ 432.7	+ 70.4
Lathing, Plastering & Stucco	22	110	262	(a)	+ 138.2
Painting & Decorating	313	1,261	1,292	+ 312.8	+ 2.5
Plumbing & Heating	2,363	3,457	5,410	+ 128.9	+ 56.5
Roofing, Excluding Sheet Metal ...	46	138	177	+ 284.8	+ 28.3
Sheet Metal, Including Roofing ...	98	413	507	+ 417.3	+ 22.8
Tiling, Marble & Terrazzo	36	149	94	+ 161.1	- 36.9
Other Trades	930	2,166	2,317	+ 149.1	+ 7.0
Q U E B E C					
TOTAL - All Trades	15,888	47,159	70,940	+ 346.5	+ 50.4
Bricklaying	222	1,449	1,980	(a)	+ 36.6
Carpentry	285	1,940	2,133	(a)	+ 9.9
Concrete & Cement	312	1,727	2,650	(a)	+ 53.4
Electrical	1,374	5,400	11,370	(a)	+ 110.6
Lathing, Plastering & Stucco	383	1,022	2,354	(a)	+ 130.3
Painting & Decorating	1,532	4,758	6,265	+ 308.9	+ 31.7
Plumbing, Heating	5,270	14,420	22,271	+ 322.6	+ 54.4
Roofing, Excluding Sheet Metal ...	577	1,167	2,505	+ 334.1	+ 114.7
Sheet Metal, Including Roofing ...	1,583	2,531	2,623	+ 65.7	+ 3.6
Tiling, Marble & Terrazzo	563	1,151	1,119	+ 98.8	- 2.8
Other Trades	3,787	11,594	15,670	+ 313.8	+ 35.2

1 Excludes work performed by trade contractors under subcontract.

(a) Increase over 500%.

TABLE NO. 17 - VALUE OF BUILDING CONSTRUCTION IN CANADA PERFORMED BY
OWN ACCOUNT, TRADE CONTRACTORS¹ BY PROVINCES, 1941, 1947, 1948

(Continued)

	ONTARIO				
	Value of Work			Percentage Changes	
	1941 (\$000)	1947 (\$000)	1948 (\$000)	1948/41 (%)	1948/47 (%)
TOTAL - All Trades	33,545	84,602	117,163	+ 249.3	+ 38.5
Bricklaying	778	1,405	1,899	+ 144.1	+ 35.2
Carpentry	1,510	5,380	5,740	+ 280.1	+ 6.7
Concrete & Cement	993	2,651	3,521	+ 254.6	+ 32.8
Electrical	3,832	11,540	18,555	+ 384.2	+ 60.8
Lathing, Plastering & Stucco	695	1,959	4,250	(a)	+ 116.9
Painting & Decorating	3,764	9,330	10,737	+ 185.3	+ 15.1
Plumbing, Heating	10,903	25,364	36,769	+ 337.2	+ 45.0
Roofing, Excluding Sheet Metal ...	1,737	3,374	4,669	+ 168.8	+ 38.4
Sheet Metal, Including Roofing	2,479	4,972	7,138	+ 187.9	+ 43.6
Tiling, Marble & Terrazzo	402	1,282	1,398	+ 247.8	+ 9.0
Other Trades	6,452	17,345	22,487	+ 248.5	+ 29.6
PRAIRIE PROVINCES					
TOTAL - All Trades	6,570	21,250	34,616	+ 426.9	+ 62.9
Bricklaying	31	166	412	(a)	+ 148.2
Carpentry	287	1,272	1,740	(a)	+ 36.8
Concrete & Cement	187	724	1,304	(a)	+ 80.1
Electrical	1,122	3,146	5,295	+ 371.9	+ 68.3
Lathing, Plastering & Stucco	124	492	1,180	(a)	+ 139.8
Painting & Decorating	800	2,240	2,777	+ 247.1	+ 24.0
Plumbing, Heating	2,190	7,476	12,790	+ 484.0	+ 71.1
Roofing, Excluding Sheet Metal	178	564	1,376	(a)	+ 144.0
Sheet Metal, Including Roofing	504	1,114	1,909	+ 278.8	+ 71.4
Tiling, Marble & Terrazzo	14	75	171	(a)	+ 128.0
Other Trades	1,133	3,981	5,662	+ 399.7	+ 42.2
BRITISH COLUMBIA*					
TOTAL - All Trades	4,280	17,790	26,198	(a)	+ 47.3
Bricklaying	123	289	631	+ 413.0	+ 118.3
Carpentry	144	464	807	+ 460.4	+ 73.9
Concrete & Cement	134	422	1,308	(a)	+ 210.0
Electrical	421	3,192	3,939	(a)	+ 23.4
Lathing, Plastering & Stucco	82	448	1,076	(a)	+ 140.2
Painting & Decorating	533	2,074	2,411	+ 352.3	+ 16.2
Plumbing, Heating	1,315	4,528	7,403	+ 463.0	+ 63.5
Roofing, Excluding Sheet Metal	105	847	1,540	(a)	+ 81.8
Sheet Metal, Including Roofing	560	1,240	2,043	+ 264.8	+ 64.8
Tiling, Marble & Terrazzo	20	100	170	(a)	+ 70.0
Other Trades	843	1,126	4,870	+ 477.7	+ 16.3

1 Excludes work performed by trade contractors under subcontract.

(a) Increase over 500%.

* Includes Yukon and Northwest Territories.

Table No. 18 - Value of Building Construction in Canada Performed
By Governments' Own Forces by Provinces -
1941, 1947, 1948.

(In thousands of dollars)

	CANADA			MARITIME PROVINCES			QUEBEC		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	15,764	20,375	31,051	4,157	2,839	3,390	2,459	2,932	3,113
Dwellings	1,597	6,516	9,255	15	456	786	436	106	669
Apartment Houses	-	599	1	-	-	-	-	-	-
Office Buildings	2,223	4,098	5,512	90	497	520	149	404	218
Factories and Warehouses	1,127	2,550	2,371	233	652	395	322	727	631
Garages	428	1,019	889	38	155	102	58	351	192
Grain Elevators	239	420	511	21	59	166	158	230	231
Farm Buildings, (excl.dwellings)	105	648	637	1	9	8	95	33	29
Radio Stations	-	195	9	-	-	-	-	-	-
Armouries and Barracks	8,122	1,214	1,428	3,554	165	297	827	212	25
Aeroplane Hangars	-	23	-	-	-	-	-	10	-
Stores	-	11	49	-	-	-	-	-	10
Theatres and Amusement Halls .	88	22	27	1	-	-	66	-	11
Schools and Institutions, etc.	91	1,111	1,792	6	196	169	-	748	669
Hospitals and Sanatoria	365	991	46	45	413	-	-	15	-
Hotels, Clubs, Restaurants ...	32	122	149	2	48	1	19	8	-
Other Buildings	1,347	836	8,375	151	189	946	329	88	428

Table No. 18 - Value of Building Construction in Canada Performed
By Governments' Own Forces¹ by Provinces -
1941, 1947, 1948. (Continued)

(In thousands of dollars)

	ONTARIO			PRAIRIE PROVINCES			BRITISH COLUMBIA*		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	4,602	6,498	13,070	2,427	5,401	7,084	2,119	2,705	4,394
Dwellings	926	1,526	4,304	191	3,666	2,424	12	762	1,072
Apartment Houses	-	596	1	-	3	-	-	-	-
Office Buildings	524	1,639	2,631	1,429	436	448	30	1,122	1,695
Factories and Warehouses	283	746	817	79	223	282	212	202	246
Garages	173	386	438	77	98	58	82	29	99
Grain Elevators	30	82	74	23	14	19	7	34	21
Farm Buildings (excl.dwellings)	-	521	492	9	73	78	-	12	30
Radio Stations	-	-	9	-	195	-	-	-	-
Armouries and Barracks	2,315	218	416	420	221	389	1,024	397	301
Aeroplane Hangars	-	-	-	-	13	-	-	-	-
Stores	-	11	-	-	-	-	-	-	39
Theatres and Amusement Halls .	7	22	10	13	-	3	-	-	3
Schools and Institutions, etc.	41	83	445	32	47	112	12	33	397
Hospitals and Sanatoria	219	516	2	20	37	44	81	10	-
Hotels, Clubs, Restaurants ...	10	65	-	-	-	-	-	-	148
Other Buildings	74	87	3,431	134	375	3,227	659	99	343

¹ Refers to work performed by personnel while in the direct employ of the Canadian, Provincial and Municipal Governments. ^w

* Includes Yukon and Northwest Territories.

Table No. 19 - Comparison of Value of Building Trades Work Performed
by Independent Trade Contractors and Trade Contractors under
Subcontract for Selected Trades 1941 to 1948.

Year	Value of Work - (\$000)			Value of Work - (\$000)			Value of Work - (\$000)		
	<u>Bricklaying</u>			<u>Carpentry</u>			<u>Concrete and Cement</u>		
	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>
<u>Electrical</u>									
	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>
1941	7,080	13,894	20,974	1,311	5,229	6,540	6,943	5,308	12,251
1942	8,004	15,787	23,791	1,228	4,104	5,332	7,127	6,124	13,251
1943	7,802	14,641	22,443	1,331	3,479	4,810	7,575	6,411	13,986
1944	9,279	11,733	21,012	1,505	4,659	6,164	10,937	5,156	16,093
1945	14,193	13,304	27,497	1,895	5,468	7,363	12,611	5,167	17,778
1946	20,882	18,311	39,193	2,687	8,602	11,289	17,503	7,850	25,353
1947	24,264	31,643	55,907	4,093	14,541	18,634	19,667	10,748	30,415
1948	40,837	34,253	75,090	9,122	18,488	27,610	23,482	11,415	34,897

Table No. 19 - Comparison of Value of Building Trades Work Performed
by Independent Trade Contractors and Trade Contractors under
Subcontract for Selected Trades 1941 to 1948. (Continued)

Year	Value of Work - (\$000)			Value of Work - (\$000)			Value of Work - (\$000)		
	<u>Plumbing and Heating</u>			<u>Roofing, excluding Sheet Metal</u>			<u>Sheet Metal Work, including Sheet Metal Roofing</u>		
	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>
1941	22,191	31,918	54,109	2,667	4,148	6,815	5,324	6,252	11,576
1942	22,826	32,318	55,144	3,008	3,887	6,895	5,105	5,152	10,257
1943	23,969	26,571	50,540	3,297	4,358	7,655	4,719	5,548	10,267
1944	25,635	20,411	46,046	3,536	3,193	6,729	4,569	4,719	9,288
1945	31,519	23,998	55,517	4,210	3,704	7,914	5,772	5,711	11,483
1946	47,491	36,403	83,894	5,545	4,413	9,958	8,950	6,877	15,827
1947	55,615	66,106	121,721	6,104	6,031	12,135	10,305	11,047	21,352
1948	84,643	73,670	158,313	10,267	7,256	17,523	14,220	13,050	27,270
	<u>Tiling, Marble and Terrazzo</u>			<u>Total - Selected Trades</u>					
	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>	<u>Independent</u>	<u>Subcontract</u>	<u>Total</u>			
1941	1,006	2,690	3,696	51,902	75,736	127,638			
1942	613	3,000	3,613	53,022	76,215	129,237			
1943	744	2,250	2,994	54,961	68,300	123,261			
1944	953	2,865	3,818	62,811	57,138	119,949			
1945	1,237	3,170	4,407	80,406	67,365	147,771			
1946	1,766	5,180	6,946	117,541	99,371	216,912			
1947	2,917	7,022	9,939	142,198	162,200	304,398			
1948	2,952	7,842	10,794	211,360	186,019	397,379			

Table No. 20 - Value of Engineering Construction in Canada, by Provinces, 1941, 1947, 1948.

(In thousands of dollars)

	CANADA			MARITIME PROVINCES			QUEBEC		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
TOTAL	200,656	417,665	577,573	21,561	48,751	58,736	54,100	114,210	128,621
Hard surfaced streets, highways, etc.	25,501	68,253	83,238	1,552	7,486	8,996	8,671	19,756	19,281
Gravel or stone surfaced streets, highways, etc.	22,639	84,535	87,988	1,836	19,351	15,649	5,825	28,948	26,612
Dirt or clay roads	5,338	16,605	21,356	86	2,475	5,029	904	1,535	1,444
Grading, scraping, oiling, filling, etc.	9,583	17,343	24,517	94	155	3,696	1,391	5,498	3,196
Sidewalks	1,513	3,447	5,634	134	193	521	336	913	1,192
Roadside maintenance and area improvement	2,016	4,741	4,350	93	21	97	499	1,465	120
Bridges, subways, culverts	8,125	24,077	31,403	1,184	2,364	4,018	1,532	9,069	7,005
Watermains, sewers, drains	15,582	36,577	52,436	454	1,826	1,898	3,419	8,862	11,685
Dams, reservoirs	583	11,219	18,060	2	365	805	289	3,566	3,155
Street lighting	-	516	1,235	-	15	17	-	170	489
Permanent fencing, guard rails	1,175	1,674	2,276	29	19	12	113	364	16
Signs, zone painting	594	1,041	1,113	6	74	97	120	329	41
Electric Stations, plants, etc.	19,076	67,286	101,232	-	1,555	2,743	4,110	8,135	16,258
Transmission lines, towers	10,702	34,183	70,194	134	32	2,955	3,504	12,104	15,321
Installation of machinery	17	1,479	5,093	-	-	-	-	986	2,031
Railway (steam)	1,606	2,875	5,598	169	-	-	173	1,306	3,191
Railway (electric)	-	2,780	2,672	-	-	-	-	-	-
Aerodromes	28,422	3,439	5,371	4,727	-	744	1,784	-	419
Park systems	1,760	3,801	3,815	69	104	68	133	417	357
Underground conduits	775	3,144	3,307	-	-	-	426	1,582	1,338
Telephone and telegraph lines	478	846	955	2	24	17	29	28	17
Gas Mains	409	1,271	1,144	-	-	-	2	-	80
Other Engineering	29,306	3,894	6,978	6,228	6,328	1,790	16,298	1,860	1,561
Docks and wharves	5,810	11,234	18,929	2,731	2,521	8,046	671	1,423	5,236
Retaining walls	666	1,921	4,089	38	110	140	317	846	346
Canals and waterways	345	1,102	1,699	3	10	19	121	163	608
Dredging and pile-driving	6,004	8,379	12,412	415	545	1,156	140	905	6,094
Other Marine works	2,631	3	479	1,575	3,178	223	3,293	3,980	1,528

Table No. 20 - Value of Engineering Construction in Canada, by Provinces, 1941, 1947, 1948. (Continued)

(In thousands of dollars)

	ONTARIO			PRAIRIE PROVINCES			BRITISH COLUMBIA*		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
Total	80,958	149,823	219,073	27,214	54,322	93,968	16,823	50,559	77,175
Hard surfaced streets, highways, etc.	11,802	25,804	28,748	2,119	8,189	15,578	1,357	6,980	10,578
Gravel or stone surfaced streets, highways, etc.	10,441	17,125	22,016	3,008	9,248	13,220	1,528	9,165	9,266
Dirt or clay roads	2,169	3,097	2,178	1,993	7,317	12,342	101	54	363
Grading, scraping, oiling, filling, etc.	6,832	7,951	10,575	363	2,326	3,891	746	1,380	3,132
Sidewalks	591	1,267	2,376	268	708	954	184	366	591
Roadside maintenance and area improvement	942	2,371	2,951	159	439	371	322	444	811
Bridges, subways, culverts	3,945	5,226	9,947	652	3,243	5,118	809	3,834	4,495
Watermains, sewers, drains	6,004	15,688	25,127	2,191	5,553	6,661	1,468	4,650	6,999
Dams, reservoirs	726	757	5,028	1,683	2,754	4,336	8	3,526	4,356
Street lighting	-	130	142	-	135	505	-	66	82
Permanent fencing, guard rails	563	948	1,647	429	315	405	42	27	79
Signs, zone painting	355	485	714	42	88	91	70	66	170
Electric stations, plants, etc.	-	44,511	61,602	79	6,872	10,992	624	-	9,223
Transmission lines, towers	4,666	9,333	26,230	1,190	2,656	10,558	505	6,380	15,130
Installation of machinery	8	-	1,785	-	2	206	-	-	-
Railway (steam)	290	371	350	36	-	364	24	79	1,218
Railway (electric)	-	2,535	-	-	-	-	-	-	141
Aerodromes	6,040	1,078	1,520	9,692	40	2,401	5,145	78	73
Park systems	1,116	2,537	2,216	340	495	698	101	234	476
Underground conduits	-	1,388	1,351	-	-	-	-	-	-
Telephone and telegraph lines	30	28	532	24	74	210	114	98	62
Gas Mains	-	754	6	-	-	-	-	-	-
Other engineering	22,026	1,828	5,095	2,810	3,264	3,549	1,491	9,394	4,173
Docks and wharves	302	2,243	3,212	24	286	608	888	2,226	1,763
Retaining walls	68	417	384	6	26	52	186	521	1,548
Canals and waterways	206	274	418	16	12	19	-	-	145
Dredging and pile-driving	458	1,674	2,352	54	225	100	667	576	2,056
Other marine works	1,378	3	571	36	50	739	443	415	245

* Includes Yukon and Northwest Territories.

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Table No. 21 - Value of Engineering in Canada Performed by Engineering Contractors, by Provinces, 1941, 1947, 1948.
 (In thousands of dollars)

	CANADA			MARITIME PROVINCES			QUEBEC		
	1941 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)	1941 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)	1941 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)
Total	141,560	280,159	429,909	16,298	29,323	37,320	39,255	72,200	112,972
Hard surfaced streets, highways, etc.	14,058	40,698	53,793	1,278	5,492	7,218	5,458	12,060	16,750
Gravel or stone surfaced streets, highways, etc.	8,539	41,899	58,658	333	8,129	8,548	1,724	12,572	23,645
Dirt or clay roads	2,369	11,043	9,542	-	2,374	2,322	45	735	1,395
Grading, scraping, oiling, filling, etc.	4,697	8,245	11,958	-	-	978	320	1,947	3,092
Sidewalks	262	1,196	2,422	-	61	343	27	399	515
Bridges, subways, culverts	3,298	13,566	17,558	-	336	764	570	6,707	6,457
Watermains, sewers, drains.....	8,229	19,148	32,161	156	842	741	1,156	3,626	7,030
Dams, reservoirs	332	10,172	15,929	-	322	756	238	3,457	2,952
Permanent fencing, guard rails	246	252	858	-	-	-	-	-	-
Electric stations, plants, etc.	19,076	66,783	101,099	-	1,524	2,743	4,085	7,830	16,227
Transmission lines and towers	9,845	32,477	67,912	-	-	2,851	2,811	11,268	14,353
Installation of machinery	17	1,472	5,076	-	-	-	-	963	2,026
Railway (steam)	1,279	2,424	5,505	169	-	-	-	1,306	3,191
Railway (electric)	-	2,780	2,672	-	-	-	-	-	-
Aerodromes	28,330	3,358	4,838	4,727	-	735	1,784	-	413
Park systems	1	285	177	-	-	-	-	119	-
Underground conduits	775	3,144	3,290	-	-	-	426	1,582	1,338
Telephone and telegraph lines	356	-	557	-	-	-	-	-	-
Gas Mains	390	1,215	1,058	-	-	-	-	-	-
Other Engineering	28,796	2,869	2,805	5,507	5,567	1,588	17,021	1,957	863
Docks and wharves	4,701	8,812	16,164	2,349	1,324	6,769	207	870	4,910
Retaining walls	172	740	3,344	-	-	72	60	173	2
Canals and waterways	-	-	838	-	-	-	-	-	263
Dredging and pile-driving	5,307	3,307	11,216	34	-	669	-	840	6,022
Other Marine Works	485	4,269	479	1,745	3,352	223	3,323	3,789	1,528

Table No. 21 - Value of Engineering in Canada Performed by Engineering Contractors, by Provinces, 1941, 1947, 1948. (Continued).

(In thousands of dollars)

	ONTARIO			PRAIRIE PROVINCES			BRITISH COLUMBIA *		
	1941 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)	1941 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)	1941 Value of Work (\$000)	1947 Value of Work (\$000)	1948 Value of Work (\$000)
TOTAL	58,895	115,001	173,116	17,049	28,309	55,263	10,063	35,326	51,238
Hard surfaced streets, highways, etc.	6,421	16,611	18,284	- 323	2,784	6,878	380	3,047	4,606
Gravel or stone surfaced streets, highways, etc.	5,943	10,321	14,126	64	3,209	6,429	385	6,980	4,685
Dirt or clay roads	1,907	2,818	1,858	263	2,983	3,757	-	-	210
Grading, scraping, oiling, filling, etc.	3,919	4,494	4,343	33	1,036	2,546	161	574	972
Sidewalks	135	500	1,155	2	104	244	-	81	165
Bridges, Subways, Culverts	2,219	2,764	6,141	-	122	1,713	64	2,432	1,663
Watermains, sewers, drains.....	3,480	11,748	19,909	753	1,949	2,908	99	418	1,507
Dams and reservoirs	633	541	4,663	1,306	1,803	3,012	-	3,372	4,166
Permanent Fencing, guard rails ...	186	227	734	-	-	7	-	-	-
Electric stations, plants, etc. ...	-	44,362	61,598	79	6,825	10,896	624	-	9,221
Transmission lines and towers	-	9,236	26,034	133	1,773	9,837	416	6,197	14,837
Installation of machinery	8	-	1,773	-	-	206	-	-	-
Railway (steam)	219	371	257	37	-	364	-	-	1,218
Railway (electric)	-	2,535	-	9,573	-	-	-	-	141
Aerodromes	6,031	1,070	1,103	-	-	2,373	5,145	55	-
Park systems	-	-	18	-	-	159	-	-	-
Underground conduits	-	1,388	1,334	-	-	-	-	-	-
Telephone and telegraph lines	-	-	421	-	-	19	-	-	-
Gas Mains	-	754	-	-	-	-	-	-	-
Other Engineering	26,586	1,447	3,483	4,441	5,401	2,870	1,089	9,526	3,191
Docks, wharves	202	1,968	2,863	-	-	246	712	1,834	1,312
Retaining walls	-	333	275	-	-	-	10	193	1,376
Canals and waterways	-	-	-	-	-	-	-	-	85
Dredging and pile-driving	352	1,476	2,173	-	-	60	499	87	1,638
Other Marine Works	654	37	571	42	320	739	479	530	245

¹ Includes work performed by trade contractors under subcontract.

* Includes Yukon and Northwest Territories.

Table No. 22 - Value of Engineering Construction in Canada by Governments' Performed
Own Forces, by Provinces, 1941, 1947, 1948.

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(In thousands of dollars)

	CANADA			MARITIME PROVINCES			QUEBEC		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	59,096	137,506	147,664	5,263	19,428	21,416	14,845	42,010	15,649
Hard Surfaced Streets, Highways, etc.	11,443	27,555	29,445	198	1,972	1,778	3,213	7,696	2,531
Gravel or Stone Surfaced Streets, Highways, etc.	14,100	42,636	29,330	1,476	11,260	7,101	4,101	16,376	2,967
Dirt or Clay Roads	2,970	5,561	11,814	86	102	2,707	856	801	49
Grading, Scraping, Oiling, Filling, etc.	4,886	9,097	12,559	103	145	2,718	1,071	3,551	104
Sidewalks	1,252	2,251	3,212	58	127	178	310	514	677
Roadside Maintenance and Area Improvement	2,010	4,741	4,350	94	20	97	499	1,465	120
Bridges, Subways, Culverts	4,825	10,506	13,845	1,144	1,799	3,254	832	2,358	548
Watermains, Sewers, Drains	7,354	17,247	20,275	440	974	1,157	1,902	4,942	4,655
Dams and Reservoirs	517	1,047	2,131	7	19	49	83	100	203
Street Lighting	-	516	1,235	-	15	17	-	170	489
Permanent Fencing, Guard Rails ...	928	1,422	1,418	14	20	12	101	353	16
Signs, Zone Painting	594	1,041	1,113	7	74	97	120	329	41
Electric Stations, Plants, etc....	29	499	133	-	22	-	25	300	31
Transmission Lines, Towers	857	1,706	2,282	72	141	104	127	543	968
Installation of Machinery	-	7	17	-	-	-	-	5	5
Railway (Steam)	328	72	93	-	-	-	250	-	-
Aerodromes	92	81	533	1	4	9	-	1	6
Park Systems	1,755	3,471	3,638	69	95	68	130	294	357
Underground Conduits	-	-	17	-	-	-	-	-	-
Telephone and Telegraph Lines	338	263	398	149	24	17	25	28	17
Gas Mains	27	56	86	-	-	-	18	56	80
Other Engineering	2,177	2,214	4,173	709	929	202	231	481	698
Docks, Wharves, etc.	1,109	2,423	2,765	391	1,187	1,277	420	515	326
Retaining Walls	494	1,090	745	27	67	68	250	674	344
Canals and Waterways	314	451	861	3	8	19	115	191	345
Dredging and Pile-driving	697	1,548	1,196	215	424	487	166	267	72

Table No. 22 - Value of Engineering Construction in Canada by Governments' Performed
Own Forces, by Provinces, 1941, 1947, 1948. (Continued)

(In thousands of dollars)

	ONTARIO			PRAIRIE PROVINCES			BRITISH COLUMBIA*		
	1941	1947	1948	1941	1947	1948	1941	1947	1948
	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work	Value of Work
TOTAL	22,063	34,822	45,957	10,165	26,013	38,705	6,760	15,233	25,937
Hard Surfaced Streets, Highways, etc.	5,381	9,193	10,464	1,674	4,760	8,700	977	3,933	5,972
Gravel or Stone Surfaced Streets, Highways, etc.	4,498	6,804	7,890	2,882	6,012	6,791	1,144	2,185	4,581
Dirt or Clay Roads	239	279	320	1,720	4,293	8,585	68	86	153
Grading, Scraping, Oiling, Filling, etc.	2,914	3,457	6,232	239	1,140	1,345	560	805	2,160
Sidewalks	456	767	1,221	249	557	710	180	286	426
Roadside Maintenance and Area									
Improvement	937	2,371	2,951	159	439	371	322	444	811
Bridges, Subways, Culverts	1,534	2,473	3,206	579	2,481	3,405	734	1,395	2,832
Watermains, Sewers, Drains	2,509	3,940	5,218	1,132	3,493	3,753	1,368	3,901	5,492
Dams and Reservoirs	94	216	365	303	548	1,324	26	163	190
Street Lighting	-	130	142	-	134	505	-	66	82
Permanent Fencing, Guard Rails	377	710	913	398	314	398	39	24	79
Signs, Zone Painting	355	485	714	43	88	91	70	66	170
Electric Stations, Plants, etc.	4	149	4	1	28	96	-	-	2
Transmission Lines, Towers	359	97	196	210	743	721	89	183	293
Installation of Machinery	-	-	12	-	2	-	-	-	-
Railway (Steam)	45	-	93	-	-	-	32	72	-
Aerodromes	8	9	417	82	45	28	-	23	73
Park Systems	1,115	2,379	2,198	340	495	539	101	208	476
Underground Conduits	-	28	38	17	-	-	-	-	-
Telephone and Telegraph Lines	-	28	111	23	81	191	114	97	62
Gas Mains	9	-	6	-	-	-	-	-	-
Other Engineering	753	529	1,612	32	73	679	452	203	982
Docks, Wharves, etc.	105	275	349	18	53	362	176	391	451
Retaining Walls	70	84	109	6	23	52	140	242	172
Canals and Waterways	179	240	418	16	12	19	-	-	60
Dredging and Pile-driving	94	197	179	54	199	40	168	460	418

* Refers to work performed by personnel while in the direct employ of the Canadian, Provincial and Municipal Governments.

* Includes Yukon and Northwest Territories.

Table No. 23 - Value of Construction Work

	1941		1942		1943	
	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)	Value of Work (\$000)	% of Total (%)
TOTAL CONSTRUCTION - CANADA	639,751	100.0	635,650	100.0	572,427	100.0
TOTAL CONSTRUCTION - CITIES	303,164	47.4	346,249	54.5	289,435	50.6
Halifax	(x)		(x)		(x)	
Saint John	(x)		(x)		(x)	
Quebec	11,008	1.7	9,914	1.6	10,346	1.8
Montreal	120,651	18.9	156,420	24.6	108,420	18.9
Ottawa	9,907	1.6	9,204	1.4	9,711	1.7
Toronto	99,899	15.6	90,191	14.2	82,788	14.5
Hamilton	19,873	3.1	19,474	3.1	19,722	3.4
Winnipeg	14,758	2.3	16,767	2.6	13,474	2.4
Regina	(x)		(x)		(x)	
Edmonton	(x)		(x)		(x)	
Vancouver	27,068	4.2	44,279	7.0	44,974	7.9

¹ This table includes values of work performed within the cities

(x) No figures

Performed for Selected Cities¹, 1941 to 1948.

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1944		1945		1946		1947		1948	
Value of Work (\$000)	% of Total (%)								
449,838	100.0	543,580	100.0	868,661	100.0	1,256,536	100.0	1,665,561	100.0
219,030	48.7	310,647	57.2	457,371	52.7	681,464	54.2	912,094	54.8
(x)		(x)		(x)		15,851	1.3	19,716	1.2
(x)		(x)		(x)		10,118	0.8	9,490	0.6
13,194	2.9	19,193	3.6	18,635	2.1	25,274	2.0	34,261	2.1
73,836	16.4	84,205	15.5	142,131	16.4	186,249	14.8	262,244	15.7
8,389	1.9	9,387	1.7	14,654	1.7	19,538	1.6	25,124	1.5
70,225	15.6	129,184	23.3	161,133	18.6	224,192	17.8	294,985	17.7
12,609	2.8	15,911	2.9	21,094	2.4	41,194	3.3	52,296	3.1
14,507	3.2	20,272	3.7	32,923	3.3	45,479	3.6	56,239	3.4
(x)		(x)		(x)		10,307	0.8	18,687	1.1
(x)		(x)		(x)		22,695	1.8	36,313	2.2
26,270	5.9	32,495	6.0	66,301	7.7	80,567	6.4	102,739	6.2

as well as work performed elsewhere by firms domiciled in the cities.

available.

Table No. 24 - Average Monthly Employment of Wage-Earners in the Construction Industry in Canada, - 1941 to 1948.

	1941	1942	1943	1944	1945	1946	1947	1948
	(Number of wage-earners in thousands)							
ANNUAL AVERAGE	148	149	130	97	116	161	203	236
January	101	112	120	75	79	114	145	179
February	101	110	118	72	78	112	146	175
March	107	113	119	73	83	122	156	182
April	120	123	117	78	94	136	171	197
May	152	145	131	97	107	164	204	231
June	167	164	141	109	122	180	224	266
July	181	174	154	120	131	191	244	284
August	181	178	146	123	140	196	250	283
September	180	175	146	114	145	192	245	282
October	180	178	138	112	149	193	245	275
November	166	170	129	107	146	180	222	255
December	138	141	104	85	117	155	184	219

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