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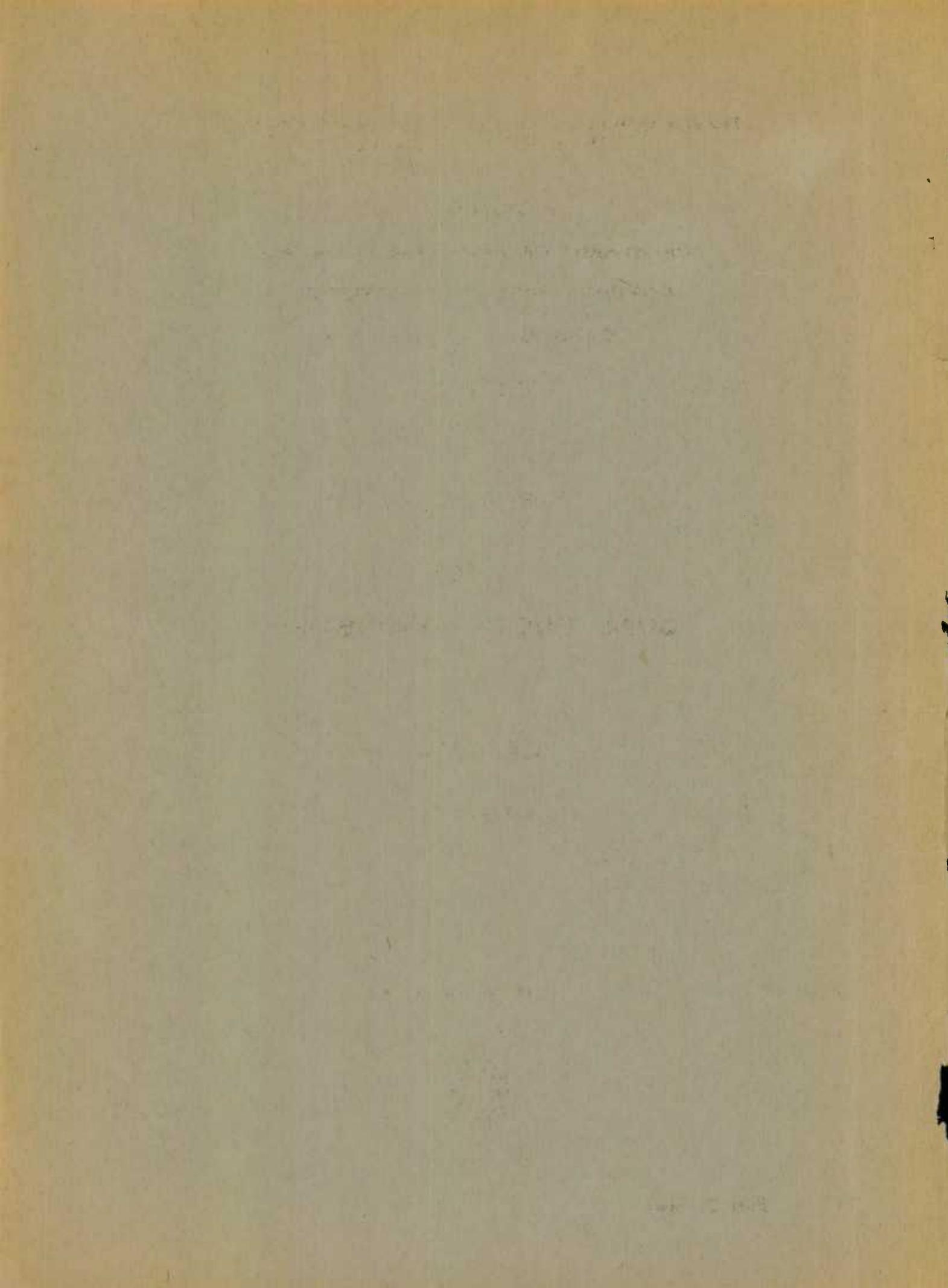
CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CONSTRUCTION BRANCH

REPORT
ON THE
CONSTRUCTION INDUSTRY
IN
CANADA
1939



OTTAWA
1941

Price 25 cents



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DOMINION BUREAU OF STATISTICS
CONSTRUCTION BRANCH
OTTAWA

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Chief, Construction Branch, F. I. Tanner.

THE CONSTRUCTION INDUSTRY IN CANADA 1939.

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

Reports received in 1939 totalled 13,595, or 631 more than were received in 1938, and of these 13,285 were submitted by general and trade contractors and subcontractors. The provincial distribution was as follows: Prince Edward Island, 59; Nova Scotia, 485; New Brunswick, 276; Quebec, 2,812; Ontario, 6,723; Manitoba, 626; Saskatchewan, 382; Alberta, 614, and British Columbia, 1,618.

The total value of work performed in 1939 amounted to \$373,203,680, an increase of \$19,980,395 or 5.7 per cent. Employment was given to 148,414 persons, 1,223 more than in the preceding year, and salaries and wages paid, \$153,442,443, were greater by \$6,037,045. Materials used cost \$189,497,342, an increase in expenditure for this purpose of \$12,935,134.

General and trade contractors and subcontractors were responsible for \$286,712,459 or 77 per cent of the value of work reported, Provincial Government Departments for \$46,249,892, Municipalities, \$23,723,692, Dominion Government Departments, \$15,109,951 and the Harbours Board, \$1,407,686.

Work falling under the classification Engineering, Harbours, Rivers, etc. was valued at \$168,302,939 in 1939 as compared with \$171,768,145 in 1938, a decrease of \$3,465,206. The most important item under this heading was that

covering the construction, maintenance and repair of streets, highways, etc., a decrease of \$3,951,684 being evident in the \$86,666,394 expended. Building construction amounted to \$159,041,080 an increase of \$24,128,905, residential construction, \$53,926,429, being of first importance under this heading. All types of building construction, with the exception of institutional, showed increases. The Building Trades reported work done to the value of \$45,859,661, a decrease of \$683,304. By far the most important item here was Plumbing, Heating and Air Conditioning, for which a value of \$15,899,175 was given.

New construction was undertaken to the extent of \$258,662,409, which was an increase of \$18,113,245 or 7.5 per cent, while alterations, maintenance and repairs, \$114,541,271, represented an increase of \$1,867,150, or 1.7 per cent. In this connection it may be interesting to note that new residential construction (under which is included dwellings, single, semi-detached or double, duplexes and apartment houses) totalled \$44,064,107, an increase of \$7,280,656 or 20 per cent.

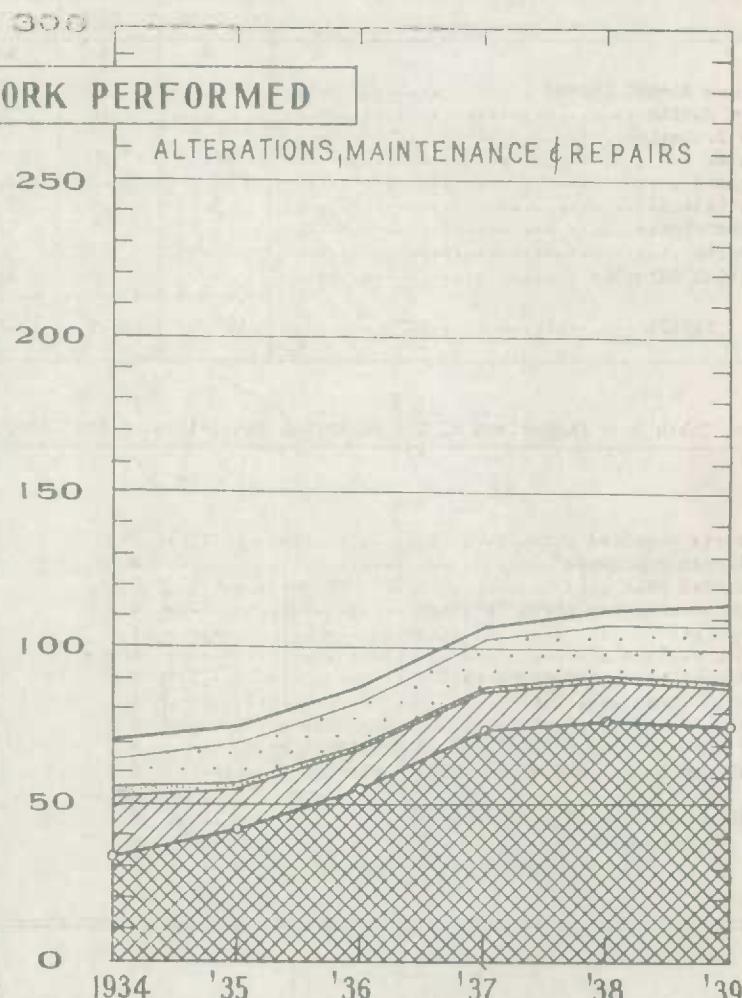
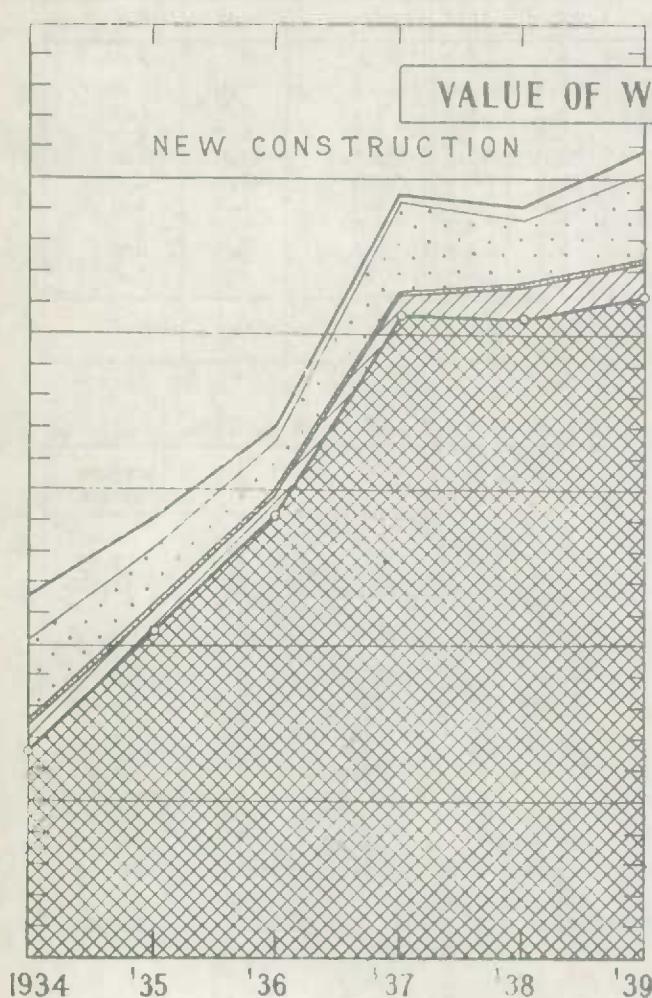
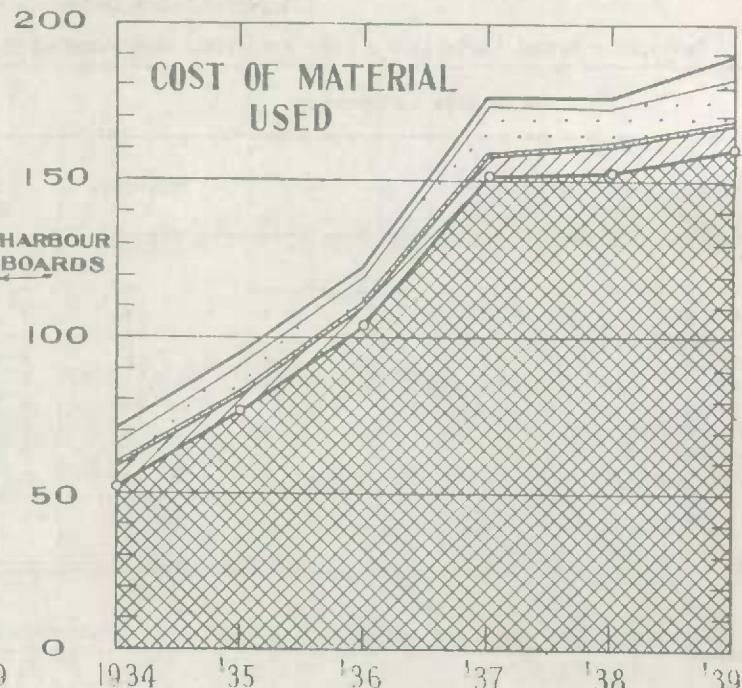
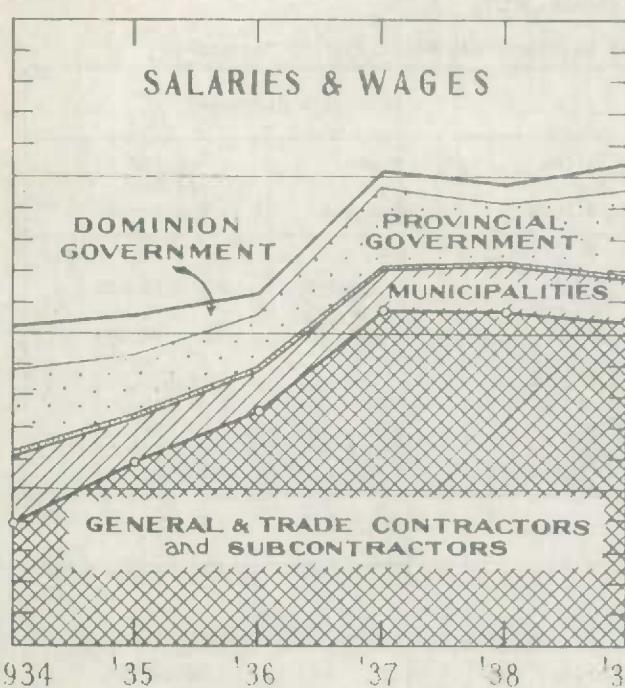
The 121,605 persons reported as wage-earners showed a very slight decrease in number as compared with the previous year, but wages paid, \$118,601,138, were \$6,005,659 or 5.3 per cent higher. General and trade contractors and subcontractors reported the employment of 71,424 wage-earners, Provincial Government Departments, 29,718, Municipalities, 12,431, Dominion Government Departments, 7,329, and the Harbours Board, 703. As might be expected, the number of wage-earners varied considerably during the year. August with 177,877 was the month of maximum employment and January with 73,691 the minimum.

The Provinces of Ontario and Quebec dominated the construction picture. Together they reported 70.6 per cent of the value of work performed, 72.8 per cent of the employment given and 71.4 per cent of the salaries and wages paid. Ontario led Quebec in all items except the number of persons employed.

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

THE CONSTRUCTION INDUSTRY IN CANADA 1934-1939

MILLION DOLLARS



THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

Table 1. - Actual Variations in the Principal Statistics of 1939 in comparison with 1938, by Provinces.

+ Denotes an increase.

- Denotes a decrease.

| Provinces | Employees No. | Salaries and Wages Paid \$ | Cost of Materials \$ | Value of Work Performed \$ |
|----------------------------|------------------|-------------------------------------|-------------------------------|-------------------------------------|
| | | | | |
| Prince Edward Island | + 80 | + 252,751 | + 174,805 | + 616,622 |
| Nova Scotia | - 156 | + 354,027 | + 1,769,949 | + 1,851,762 |
| New Brunswick | - 192 | - 175,240 | - 465,324 | - 88,699 |
| Quebec | + 9,115 | + 9,085,236 | + 9,849,441 | + 17,699,077 |
| Ontario | - 5,772 | - 4,947,964 | - 2,105,439 | - 6,606,448 |
| Manitoba | - 480 | + 6,332 | + 261,850 | + 601,045 |
| Saskatchewan | - 983 | + 451,173 | + 1,844,179 | + 2,408,340 |
| Alberta | + 565 | + 1,235,420 | + 2,713,687 | + 4,690,007 |
| British Columbia | - 954 | - 224,690 | - 1,108,014 | - 1,191,811 |
| CANADA | + 1,223 | + 6,037,045 | + 12,935,134 | + 19,980,395 |

Table 2. - Percentage Distribution of the Principal Statistics of 1939 in comparison with 1938 by Provinces.

| | Employees | | Salaries and Wages Paid | | Cost of Materials | | Value of Work Performed | |
|----------------------------|-----------|-------|-------------------------------|-------|-------------------------|-------|-------------------------------|-------|
| | 1938 | 1939 | 1938 | 1939 | 1938 | 1939 | 1938 | 1939 |
| | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| Prince Edward Island | .4 | .5 | .3 | .5 | .4 | .4 | .4 | .5 |
| Nova Scotia | 5.1 | 5.0 | 5.2 | 5.2 | 4.7 | 5.3 | 5.1 | 5.3 |
| New Brunswick | 4.4 | 4.2 | 4.0 | 3.7 | 3.9 | 3.3 | 4.2 | 4.0 |
| Quebec | 31.7 | 37.5 | 29.5 | 34.3 | 27.5 | 30.9 | 28.6 | 31.8 |
| Ontario | 39.5 | 35.3 | 42.0 | 37.1 | 44.4 | 40.3 | 42.9 | 38.8 |
| Manitoba | 3.7 | 3.4 | 3.8 | 3.6 | 4.5 | 4.4 | 4.0 | 4.0 |
| Saskatchewan | 3.8 | 3.1 | 2.9 | 3.1 | 2.2 | 3.0 | 3.1 | 3.6 |
| Alberta | 3.4 | 3.8 | 3.8 | 4.5 | 3.5 | 4.7 | 3.7 | 4.8 |
| British Columbia | 8.0 | 7.2 | 8.5 | 8.0 | 8.9 | 7.7 | 8.0 | 7.2 |
| CANADA | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Table 3. - Comparison of the Principal Statistics of the Construction Industry in Canada, 1938 and 1939.

| | No. | \$ | 1938 | 1939 | + Increase - Decrease |
|---|-----|----|-------------|-------------|--------------------------|
| | | | | | |
| Reports received | No. | | 12,964 | 13,595 | + 631 |
| Salaried employees | No. | | 25,278 | 26,809 | + 1,531 |
| Salaries paid | \$ | | 34,809,919 | 34,841,305 | + 31,386 |
| Wage-earning employees (average) | No. | | 121,913 | 121,605 | - 308 |
| Wages paid | \$ | | 112,595,479 | 118,601,138 | + 6,005,659 |
| Total employees | No. | | 147,191 | 148,414 | + 1,223 |
| Total salaries and wages paid | \$ | | 147,405,398 | 153,442,443 | + 6,037,045 |
| Cost of materials used | \$ | | 176,562,208 | 189,497,342 | + 12,935,134 |
| Value of work performed : | \$ | | 353,223,285 | 373,203,680 | + 19,980,395 |
| New construction (Including subcontract work) | \$ | | 240,549,164 | 258,662,409 | + 18,113,245 |
| Alterations, maintenance and repairs | \$ | | 112,674,121 | 114,541,271 | + 1,867,150 |
| Subcontract work performed: | \$ | | 54,024,399 | 59,354,069 | + 5,329,670 |
| New construction | \$ | | 45,322,673 | 49,980,711 | + 4,658,038 |
| Alterations, maintenance and repairs | \$ | | 8,701,726 | 9,373,358 | + 671,632 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

Table 4. - Statement of the Construction Industry in Canada, 1934 - 1939.

| | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 |
|---|------|-------------|-------------|-------------|-------------|-------------|
| Reports received | No. | 9,527 | 7,689 | 9,976 | 10,855 | 12,964 |
| Salaried employees | No. | 15,294 | 18,670 | 21,059 | 22,431 | 25,278 |
| Salaries paid | \$ | 16,928,242 | 22,579,526 | 25,270,846 | 30,398,287 | 34,809,919 |
| Wage-earning employees-Average | No. | 157,859 | 126,098 | 121,285 | 129,221 | 121,913 |
| Wages paid | \$ | 84,679,986 | 82,607,097 | 87,575,538 | 120,239,004 | 112,595,479 |
| Total employees | No. | 173,153 | 144,768 | 142,344 | 151,652 | 147,191 |
| Total salaries and wages paid.. | \$ | 101,608,228 | 105,186,623 | 112,846,384 | 150,637,291 | 147,405,398 |
| Cost of materials used | \$ | 70,792,135 | 94,733,584 | 122,189,238 | 175,844,435 | 176,562,208 |
| Value of work performed | \$ | 186,198,590 | 215,548,873 | 258,040,400 | 351,874,114 | 353,223,285 |
| New construction | \$ | 115,988,781 | 140,988,228 | 170,645,824 | 244,946,916 | 240,549,164 |
| Alterations, repairs, etc. . . | \$ | 70,210,109 | 74,560,645 | 87,394,576 | 106,927,198 | 112,674,121 |
| Building Construction | \$ | 51,958,121 | 71,302,664 | 100,098,833 | 130,538,998 | 134,912,175 |
| Residential | \$ | 13,972,110 | 18,522,118 | 31,265,629 | 40,675,617 | 46,423,856 |
| Institutional | \$ | 7,501,080 | 7,310,686 | 9,216,887 | 13,590,401 | 22,539,900 |
| Commercial | \$ | 9,030,135 | 16,776,463 | 20,560,054 | 28,768,233 | 31,596,518 |
| Industrial | \$ | 7,997,286 | 10,176,142 | 23,636,689 | 40,781,825 | 28,890,866 |
| Other building | \$ | 13,457,510 | 18,517,255 | 15,419,574 | 6,722,922 | 5,461,035 |
| Engineering, Harbours, Rivers, etc. \$ | | 111,487,528 | 117,395,623 | 118,460,058 | 173,319,350 | 171,768,145 |
| Streets, highways, etc. | \$ | 61,254,739 | 60,094,281 | 60,222,073 | 93,320,022 | 90,618,078 |
| Bridges, viaducts, etc. | \$ | 5,454,584 | 6,659,829 | 10,064,552 | 15,726,839 | 12,876,724 |
| Watermains, sewers, etc. | \$ | 11,708,030 | 8,870,617 | 9,054,340 | 9,279,550 | 12,224,998 |
| Dams, reservoirs, etc. | \$ | 2,991,000 | 870,326 | 1,134,120 | 1,904,123 | 2,404,864 |
| Electric stations and transmission lines | \$ | 3,002,420 | 9,240,027 | 13,795,377 | 24,583,530 | 27,964,296 |
| Docks, wharves, piers, etc. . . | \$ | 8,295,088 | 10,583,150 | 10,160,697 | 9,362,133 | 8,333,588 |
| All other engineering, etc. . . | \$ | 18,781,667 | 21,077,393 | 14,028,899 | 19,143,153 | 17,345,697 |
| Building Trades, (jobbing) | \$ | 22,753,241 | 26,850,586 | 39,481,509 | 48,015,766 | 46,542,965 |
| Electrical work | \$ | 1,905,562 | 2,239,733 | 4,367,579 | 5,224,308 | 5,359,723 |
| Plumbing, heating and air conditioning | \$ | 7,281,375 | 9,103,277 | 14,134,889 | 16,977,428 | 16,619,462 |
| Brick, masonry and concrete . | \$ | 2,035,994 | 2,783,667 | 2,326,852 | 2,175,082 | 2,168,163 |
| Carpentry | \$ | 1,211,428 | 1,149,944 | 1,576,016 | 1,450,444 | 1,862,973 |
| Painting, decorating and glazing | \$ | 2,908,009 | 3,691,904 | 5,031,050 | 5,543,755 | 5,721,462 |
| Lathing, plastering and stucco | \$ | 271,262 | 491,475 | 1,018,783 | 1,265,301 | 1,205,389 |
| Sheet metal work and metal roofing | \$ | 1,174,909 | 1,584,745 | 3,365,846 | 4,117,714 | 3,917,582 |
| Other roofing | \$ | 674,537 | 1,095,882 | 1,253,236 | 1,961,479 | 2,034,562 |
| Other trades | \$ | 5,290,165 | 4,709,959 | 6,407,258 | 9,300,255 | 7,653,649 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

Table 5. - Statement of the Construction

| | CANADA | PROVINCES | | |
|--|----------------|----------------------------|----------------|------------------|
| | | Prince Edward Island | Nova Scotia | New Brunswick |
| | | | | |
| Reports received | No. 13,595 | 59 | 485 | 276 |
| Salaried employees | No. 26,809 | 92 | 1,053 | 586 |
| Salaries paid | \$ 34,841,305 | 98,756 | 1,426,917 | 966,949 |
| Wage-earning employees - Average | No. 121,605 | 624 | 6,316 | 5,693 |
| Wages paid | \$ 118,601,138 | 680,338 | 6,587,138 | 4,703,705 |
| Total employees | No. 148,414 | 716 | 7,369 | 6,279 |
| Total salaries and wages paid | \$ 153,412,443 | 779,094 | 8,014,055 | 5,670,654 |
| Cost of materials used | \$ 189,497,342 | 831,105 | 10,103,054 | 6,332,255 |
| Value of work performed | \$ 373,203,680 | 1,948,064 | 19,890,449 | 14,886,121 |
| New construction | \$ 258,662,409 | 1,509,102 | 13,480,929 | 11,283,491 |
| Alterations, repairs, etc. | \$ 114,541,271 | 438,962 | 6,409,520 | 3,602,630 |
| Building Construction | \$ 159,041,050 | 283,036 | 6,758,198 | 2,717,276 |
| Residential | \$ 53,926,429 | 92,332 | 1,719,638 | 606,849 |
| Institutional | \$ 21,214,315 | x | 990,998 | 508,787 |
| Commercial | \$ 35,100,121 | 41,693 | 1,272,225 | 743,702 |
| Industrial | \$ 36,654,828 | 15,554 | 1,229,599 | 466,643 |
| Other building | \$ 12,145,387 | 133,457 | 1,545,738 | 391,292 |
| Engineering, Harbours, Rivers, etc. . | \$ 168,302,939 | 1,552,399 | 11,847,802 | 11,358,204 |
| Streets, highways, etc. | \$ 86,666,394 | 1,035,282 | 6,278,362 | 7,498,254 |
| Bridges, viaducts, etc. | \$ 10,129,546 | 1,074 | 548,519 | 1,636,250 |
| Water mains, sewers, etc. | \$ 12,373,948 | 11,080 | 349,860 | 220,538 |
| Dams, reservoirs, etc. | \$ 3,078,673 | - | 32,910 | x |
| Electric stations and transmission lines | \$ 27,520,189 | x | 896,065 | x |
| Docks, wharves, piers, etc. | \$ 9,232,258 | 292,707 | 1,581,014 | 612,125 |
| All other engineering, etc. | \$ 19,301,931 | 212,256 | 2,161,072 | 1,391,037 |
| Building Trades (jobbing) | \$ 45,859,661 | 112,629 | 1,284,449 | 810,641 |
| Electrical work | \$ 4,568,876 | x | 140,236 | 68,190 |
| Plumbing, heating and air conditioning | \$ 15,899,175 | 77,574 | 514,977 | 362,251 |
| Brick, masonry and concrete | \$ 2,102,490 | x | 24,327 | 49,499 |
| Carpentry | \$ 1,953,966 | x | 118,269 | 64,609 |
| Painting, decorating and glazing | \$ 6,071,890 | x | 168,839 | 82,669 |
| Lathing, plastering and stucco | \$ 993,089 | x | 12,623 | 16,727 |
| Sheet metal work and metal roofing | \$ 3,597,205 | x | 106,922 | 67,152 |
| Other roofing | \$ 2,029,321 | x | 18,569 | 22,481 |
| Other trades | \$ 8,643,649 | 35,055 | 179,687 | 77,057 |

x - Unable to specify.

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

Industry for Canada and by Provinces, 1939.

| P R O V I N C E S | | | | | |
|-------------------|-------------|------------|--------------|------------|------------------|
| Quebec | Ontario | Manitoba | Saskatchewan | Alberta | British Columbia |
| 2,812 | 6,723 | 626 | 382 | 614 | 1,618 |
| 8,174 | 11,421 | 1,151 | 758 | 939 | 2,635 |
| 10,110,395 | 15,301,752 | 1,558,535 | 914,575 | 1,260,877 | 3,202,549 |
| 47,547 | 40,917 | 3,846 | 3,902 | 4,644 | 8,116 |
| 42,491,457 | 41,615,174 | 4,023,325 | 3,773,566 | 5,573,454 | 9,152,981 |
| 55,721 | 52,338 | 4,997 | 4,660 | 5,583 | 10,751 |
| 52,601,852 | 56,916,926 | 5,581,860 | 4,688,141 | 6,834,331 | 12,355,530 |
| 58,522,370 | 76,293,682 | 8,279,246 | 5,656,210 | 8,868,976 | 14,610,444 |
| 118,529,680 | 144,829,394 | 14,848,706 | 13,429,064 | 17,856,669 | 26,985,533 |
| 85,787,346 | 98,243,771 | 8,990,968 | 9,009,319 | 11,340,207 | 19,017,276 |
| 32,742,334 | 46,585,623 | 5,857,738 | 4,419,745 | 6,516,462 | 7,968,257 |
| 50,776,490 | 63,042,619 | 7,048,983 | 5,137,104 | 9,594,389 | 13,682,985 |
| 14,793,071 | 26,100,483 | 2,299,745 | 794,124 | 1,332,564 | 6,187,623 |
| 10,332,847 | 6,890,479 | 362,870 | 208,731 | 558,156 | 1,242,512 |
| 8,734,125 | 12,472,175 | 1,898,186 | 3,004,909 | 4,106,161 | 2,826,947 |
| 13,751,489 | 12,858,808 | x | 852,1486 | 3,168,576 | 2,123,532 |
| 3,164,958 | 4,720,674 | 2,488,182 | 276,854 | 428,932 | 1,302,371 |
| 55,515,077 | 58,512,782 | 5,638,814 | 7,331,531 | 6,520,016 | 10,026,314 |
| 25,695,755 | 30,767,276 | 3,106,988 | 4,622,543 | 4,248,512 | 3,413,422 |
| 3,744,023 | 2,707,550 | 267,171 | 287,557 | 620,688 | 316,714 |
| 4,719,808 | 3,694,576 | 614,939 | 739,575 | 414,218 | 1,609,354 |
| 1,042,692 | 655,196 | 181,401 | 893,294 | 130,663 | 137,892 |
| 9,248,959 | 13,206,890 | x | 325,606 | 577,678 | 1,617,695 |
| 3,883,815 | 1,759,683 | 64,541 | 67,866 | 28,786 | 941,721 |
| 7,180,025 | 5,721,611 | 1,403,774 | 395,090 | 499,471 | 1,989,516 |
| 12,238,113 | 23,273,993 | 2,160,909 | 960,429 | 1,742,264 | 3,276,234 |
| 1,067,023 | 2,386,087 | 279,347 | 181,601 | 182,029 | 241,804 |
| 3,526,538 | 8,977,334 | 629,744 | 316,464 | 607,781 | 886,512 |
| 563,786 | 1,142,398 | 81,896 | 41,864 | 62,245 | 136,216 |
| 300,857 | 1,241,480 | 90,938 | 27,517 | 45,167 | 61,329 |
| 1,538,051 | 2,921,773 | 368,605 | 157,828 | 184,416 | 649,489 |
| 140,829 | 616,297 | 41,236 | 14,719 | 61,558 | 88,999 |
| 864,022 | 1,753,605 | 185,189 | 124,940 | 115,817 | 379,558 |
| 665,214 | 1,071,427 | 76,831 | 27,436 | 38,569 | 107,326 |
| 3,571,793 | 3,163,592 | 407,123 | 68,060 | 444,682 | 725,001 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 6. - Principal Statistics of the Construction Industry in Canada in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>1938</u> | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 12,660 | 96,010 | 106,869,444 | 152,976,356 | 204,781,181 | 76,703,509 | 281,484,690 |
| Municipalities | 230 | 15,611 | 13,951,327 | 7,255,141 | 9,531,261 | 13,332,215 | 22,863,476 |
| The Harbours Board .. | 12 | 759 | 886,608 | 355,852 | 423,711 | 1,057,745 | 1,481,456 |
| Provincial Government Departments | 17 | 29,592 | 19,921,879 | 12,535,948 | 21,645,327 | 16,491,527 | 38,136,354 |
| Dominion Government Departments | 45 | 5,219 | 5,776,140 | 3,438,911 | 4,167,684 | 5,089,125 | 9,256,809 |
| Totals | 12,964 | 147,191 | 147,405,398 | 176,562,208 | 240,549,164 | 112,674,121 | 353,223,285 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 13,285 | 91,147 | 103,883,416 | 160,521,326 | 211,689,948 | 75,022,511 | 286,712,459 |
| Municipalities | 237 | 13,980 | 14,109,547 | 7,758,012 | 10,619,360 | 13,104,332 | 23,723,692 |
| The Harbours Board .. | 12 | 833 | 815,223 | 375,080 | 384,792 | 1,022,894 | 1,407,686 |
| Provincial Government Departments | 19 | 34,440 | 26,443,065 | 14,107,503 | 27,435,611 | 18,814,281 | 46,249,892 |
| Dominion Government Departments | 42 | 8,014 | 8,191,192 | 6,735,421 | 8,532,698 | 6,577,253 | 15,109,951 |
| Totals | 13,595 | 148,414 | 153,442,443 | 189,497,342 | 258,662,409 | 114,541,271 | 373,203,680 |

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 24,400,041 | 6,309,529 | 30,709,570 | 29,852,319 | 6,043,462 | 35,895,781 |
| Dwellings, semi-detached or double | 2,486,527 | 837,809 | 3,324,336 | 2,727,562 | 893,936 | 3,621,498 |
| Duplexes | 3,556,143 | 889,195 | 4,445,338 | 3,199,693 | 876,720 | 4,076,413 |
| Apartment houses | 6,340,740 | 1,603,872 | 7,944,612 | 8,284,533 | 2,048,204 | 10,332,737 |
| Hotels, clubs, restaurants, etc. . | 1,442,134 | 1,113,992 | 2,556,126 | 2,031,816 | 1,055,704 | 3,087,520 |
| Churches and church halls | 2,008,591 | 1,054,176 | 3,062,767 | 1,809,929 | 709,672 | 2,519,601 |
| Hospitals and sanatoria | 6,928,509 | 406,311 | 7,334,820 | 5,421,999 | 1,013,781 | 6,435,780 |
| Schools, institutions, etc. | 8,561,459 | 3,269,708 | 11,831,167 | 9,747,119 | 2,511,815 | 12,258,934 |
| Office buildings | 5,067,080 | 2,946,322 | 8,013,402 | 8,718,663 | 3,203,412 | 11,922,075 |
| Stores | 5,641,131 | 4,113,951 | 9,755,082 | 4,584,350 | 3,615,440 | 8,199,790 |
| Theatres and amusement halls | 1,912,678 | 628,350 | 2,541,028 | 2,150,868 | 540,210 | 2,691,078 |
| Factories, warehouses and storehouses | 16,476,342 | 7,799,465 | 24,275,807 | 21,385,961 | 8,416,306 | 29,802,267 |
| Elevators, grain | 1,182,422 | 2,262,651 | 3,445,073 | 1,867,008 | 2,168,493 | 4,035,501 |
| Garages | 1,196,048 | 574,938 | 1,770,986 | 1,360,090 | 425,903 | 1,785,993 |
| Service stations | 1,723,636 | 1,614,263 | 3,337,899 | 1,397,227 | 1,815,452 | 3,212,679 |
| Mine buildings | 4,239,721 | 375,338 | 4,615,059 | 6,372,340 | 480,221 | 6,852,561 |
| Farm buildings | 1,091,864 | 334,350 | 1,426,214 | 1,135,562 | 364,587 | 1,500,149 |
| Radio stations | 255,249 | 8,448 | 263,697 | 162,409 | - | 162,409 |
| Armouries and barracks | 427,223 | - | 427,223 | 3,920,383 | 1,945,449 | 5,865,832 |
| Aeroplane hangars | 513,426 | - | 513,426 | 720,534 | - | 720,534 |
| Buildings, unable to specify | 1,458,500 | 1,860,043 | 3,318,543 | 2,228,785 | 1,833,163 | 4,061,948 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Engineering Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Hard surfaced or paved streets, highways, etc. | 27,433,830 | 4,696,132 | 32,129,962 | 24,992,462 | 5,200,636 | 30,193,118 |
| Gravel or stone surfaced streets, highways, etc. | 22,253,998 | 11,088,921 | 33,342,919 | 22,341,051 | 11,594,003 | 33,935,054 |
| Dirt or clay roads | 4,620,773 | 1,943,319 | 6,564,092 | 3,362,483 | 1,739,714 | 5,102,197 |
| Grading, scraping, oiling, filling, etc. | 8,790,503 | 3,764,036 | 12,554,539 | 7,676,528 | 3,904,747 | 11,581,275 |
| Sidewalks | 796,924 | 1,776,916 | 2,573,840 | 837,674 | 640,680 | 1,478,354 |
| Roadside maintenance and area improvement | 669,485 | 1,145,495 | 1,814,980 | 310,636 | 2,290,054 | 2,600,690 |
| Bridges, viaducts, all types | 8,265,241 | 1,654,513 | 9,919,754 | 5,597,782 | 2,084,331 | 7,682,113 |
| Subways, overhead crossings, etc. | 655,056 | 62,896 | 717,952 | 877,228 | 19,025 | 896,253 |
| Culverts | 1,830,368 | 408,650 | 2,239,018 | 1,100,505 | 450,675 | 1,551,180 |
| Watermains and connections | 4,418,347 | 1,982,071 | 6,400,418 | 3,623,991 | 2,449,700 | 6,073,691 |
| Sewers and connections | 2,482,249 | 652,845 | 3,135,094 | 3,099,934 | 757,423 | 3,857,357 |
| Storm sewers | 1,735,851 | 169,291 | 1,905,142 | 831,535 | 144,375 | 975,910 |
| Tile drains, drainage ditches and open sewers | 192,030 | 356,757 | 548,787 | 334,457 | 365,812 | 700,269 |
| Dams and reservoirs | 2,076,034 | 328,830 | 2,404,864 | 2,093,342 | 942,517 | 3,035,859 |
| Fencing (excluding temporary snow fencing) | 767,045 | 120,181 | 887,226 | 922,962 | 67,796 | 990,758 |
| Guard rails | 130,257 | 80,747 | 211,004 | 245,005 | 133,641 | 378,646 |
| Signs | 242,462 | 154,037 | 396,499 | 148,243 | 144,457 | 292,700 |
| Zone painting | 26,633 | 116,384 | 143,017 | 10,099 | 103,503 | 113,602 |
| Electric stations, power plants, etc. | 16,834,956 | 3,806,489 | 20,641,445 | 16,195,118 | 3,162,456 | 19,357,574 |
| Transmission lines and towers | 5,539,270 | 1,778,786 | 7,318,056 | 6,422,561 | 1,538,256 | 7,960,817 |
| Installation of boilers and machinery | 229,013 | - | 229,013 | - | - | - |
| Railway (steam) construction work ... | - | 265,680 | 265,680 | 700,016 | 246,384 | 946,400 |
| Aerodromes or landing fields | 3,186,238 | 334,880 | 3,521,118 | 3,954,494 | 220,480 | 4,174,974 |
| Park systems (including grounds and walks) | 697,369 | 1,489,332 | 2,186,701 | 1,667,915 | 1,830,175 | 3,498,090 |
| Underground conduits | - | - | - | 716,503 | - | 716,503 |
| Telephone and telegraph lines | - | - | - | 81,428 | 120,370 | 201,798 |
| Gas mains and connections | - | - | - | 2,386 | 973 | 3,359 |
| Engineering, unable to specify | 3,022,723 | 1,337,721 | 4,360,444 | 1,604,357 | 459,886 | 2,064,243 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 3,386,821 | 3,161,528 | 6,548,349 | 4,782,002 | 2,179,965 | 6,961,967 |
| Retaining walls, embankments and ripraping | 1,280,871 | 504,368 | 1,785,239 | 1,897,992 | 372,299 | 2,270,291 |
| Canals and waterways | 77,479 | 383,147 | 460,626 | 318,577 | 332,805 | 651,382 |
| Dredging | 4,625,165 | 1,636,702 | 6,261,867 | 4,867,024 | 1,499,562 | 6,366,586 |
| Pile driving | 97,558 | 40,187 | 137,745 | 167,897 | 56,550 | 224,447 |
| Works, unable to specify | 21,441 | 1,700 | 23,141 | 672,654 | 792,828 | 1,465,482 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 627,134 | 156,639 | 783,773 | 420,073 | 116,584 | 536,657 |
| Bricklaying | 257,708 | 625,435 | 883,143 | 326,967 | 584,342 | 911,309 |
| Carpentry work | 532,921 | 1,330,052 | 1,862,973 | 481,654 | 1,472,312 | 1,953,966 |
| Commercial refrigeration | 397,073 | 167,967 | 565,040 | 392,486 | 245,628 | 638,114 |
| Concreting and cement work | 458,558 | 547,206 | 1,005,764 | 571,954 | 437,014 | 1,008,968 |
| Electrical work | 2,078,409 | 3,281,314 | 5,359,723 | 1,555,567 | 3,013,309 | 4,568,876 |
| Elevators, service | 677,135 | 1,293,410 | 1,970,545 | 976,961 | 1,026,109 | 2,003,070 |
| Excavating | 591,186 | 55,772 | 646,958 | 1,323,726 | 129,674 | 1,453,400 |
| Flooring | 149,383 | 32,082 | 470,465 | 165,235 | 304,693 | 469,928 |
| Glass and glazing | 296,937 | 456,652 | 753,589 | 289,824 | 623,546 | 913,370 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

C A N A D A

Table 7. - Description, Classification and Value of Work Performed by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|--------------------|--------------------------------------|--------------------|--------------------|--------------------------------------|--------------------|
| | New Construction | Alterations, Maintenance and Repairs | Total Value | New Construction | Alterations, Maintenance and Repairs | Total Value |
| Trade Construction - concluded. | \$ | \$ | \$ | \$ | \$ | \$ |
| Lathing, plastering and stucco | 456,796 | 748,593 | 1,205,389 | 424,215 | 568,874 | 993,665 |
| Masonry and stone work | 117,725 | 162,249 | 279,974 | 63,367 | 118,846 | 182,213 |
| Ornamental iron work | 292,914 | 138,890 | 431,804 | 243,505 | 130,799 | 374,304 |
| Painting and decorating | 564,013 | 4,455,948 | 5,019,961 | 501,683 | 4,656,837 | 5,158,520 |
| Plumbing, heating and sanitary engineering | 5,824,133 | 10,011,556 | 15,835,689 | 5,141,011 | 10,221,507 | 15,362,516 |
| Roofing, sheet metal | 314,432 | 713,368 | 1,027,800 | 282,228 | 676,563 | 958,791 |
| Roofing, all other | 564,552 | 1,470,010 | 2,034,562 | 494,582 | 1,534,739 | 2,029,321 |
| Sheet metal work, other than roofing | 1,147,542 | 1,742,240 | 2,889,782 | 1,001,235 | 1,637,179 | 2,638,414 |
| Sprinkler installation | 291,205 | 51,719 | 342,924 | 523,248 | 36,467 | 559,715 |
| Structural steel work | 805,143 | 45,242 | 850,385 | 1,288,706 | 79,894 | 1,368,601 |
| Tiling, marble and terrazzo | 261,667 | 347,405 | 609,072 | 376,318 | 327,918 | 704,236 |
| Weatherstripping and insulation | 256,420 | 365,173 | 621,593 | 136,200 | 539,905 | 676,105 |
| Wrecking and demolition | - | 231,176 | 231,176 | - | 186,451 | 186,451 |
| Trades, unable to specify | 290,724 | 709,771 | 1,000,495 | 145,653 | 64,073 | 209,726 |
| TOTAL VALUE OF WORK PERFORMED .. | 240,549,164 | 112,674,121 | 353,223,285 | 258,662,409 | 114,541,271 | 373,203,680 |

Table 8. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|--------------------------------------|-------------|------------------|--------------------------------------|-------------|
| | New Construction | Alterations, Maintenance and Repairs | Total Value | New Construction | Alterations, Maintenance and Repairs | Total Value |
| Building Construction | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 24,321,121 | 6,002,526 | 30,323,647 | 29,691,962 | 5,933,560 | 35,625,522 |
| Dwellings, semi-detached or double | 2,486,527 | 837,809 | 3,324,336 | 2,727,562 | 893,936 | 3,621,498 |
| Duplexes | 3,556,143 | 889,195 | 4,445,338 | 3,199,693 | 876,720 | 4,076,413 |
| Apartment houses | 6,340,740 | 1,603,872 | 7,944,612 | 8,284,533 | 2,048,204 | 10,332,737 |
| Hotels, clubs, restaurants, etc. | 1,436,115 | 1,101,770 | 2,537,885 | 2,026,497 | 1,043,656 | 3,070,153 |
| Churches and church halls | 2,008,591 | 1,054,176 | 3,062,767 | 1,809,929 | 709,672 | 2,519,601 |
| Hospitals and sanatoria | 6,549,433 | 375,593 | 6,925,026 | 5,263,324 | 981,878 | 6,245,202 |
| Schools, institutions, etc. | 8,308,695 | 3,227,474 | 11,536,169 | 9,519,601 | 2,476,130 | 11,995,731 |
| Office buildings | 4,878,121 | 2,057,702 | 6,935,823 | 8,386,815 | 2,523,374 | 10,910,189 |
| Stores | 5,641,131 | 4,113,951 | 9,755,082 | 4,584,350 | 3,615,140 | 8,199,790 |
| Theatres and amusement halls | 1,477,198 | 628,350 | 2,105,548 | 1,559,258 | 539,262 | 2,098,520 |
| Factories, warehouses and storehouses | 16,329,004 | 7,338,913 | 23,667,917 | 21,006,491 | 7,991,004 | 28,997,495 |
| Elevators, grain | 1,180,905 | 2,085,293 | 3,266,198 | 1,861,993 | 1,979,688 | 3,841,681 |
| Garages | 1,057,357 | 328,142 | 1,385,499 | 1,211,319 | 265,147 | 1,476,66 |
| Service stations | 1,723,636 | 1,614,263 | 3,337,899 | 1,397,227 | 1,815,452 | 3,212,679 |
| Mine buildings | 4,239,721 | 375,338 | 4,615,059 | 6,372,340 | 480,221 | 6,852,561 |
| Farm buildings | 1,055,508 | 303,746 | 1,359,254 | 1,071,893 | 330,342 | 1,402,235 |
| Aeroplane hangars | 513,426 | - | 513,426 | 596,825 | - | 596,825 |
| Radio stations | 255,249 | 8,448 | 263,697 | 162,409 | - | 162,409 |
| Armouries and barracks | 427,223 | - | 427,223 | 895,975 | 254,065 | 1,150,040 |
| Buildings, unable to specify | 1,108,094 | 1,261,102 | 2,369,196 | 282,100 | 720,922 | 1,003,022 |
| Engineering Construction | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 20,652,548 | 934,966 | 21,587,514 | 17,118,522 | 1,084,232 | 18,202,754 |
| Gravel or stone surfaced streets, highways, etc. | 14,027,502 | 1,776,663 | 15,804,165 | 13,938,442 | 1,581,635 | 15,520,077 |
| Dirt or clay roads | 2,136,871 | 257,017 | 2,393,888 | 1,070,197 | 119,439 | 1,189,636 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 8. - Description, Classification and Value of Work Performed in Canada, by General and Trade Contractors (including Subcontractors) in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|--------------------|---|--------------------|--------------------|---|--------------------|
| | 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. | 6,966,533 | 306,969 | 7,273,502 | 5,316,873 | 787,266 | 6,104,139 |
| Sidewalks | 291,011 | 32,266 | 323,277 | 245,773 | 15,123 | 260,896 |
| Bridges, viaducts, all types | 6,382,001 | 257,185 | 6,639,186 | 2,866,166 | 216,375 | 3,082,541 |
| Subways, overhead crossings, etc. | 519,536 | - | 519,536 | 434,973 | - | 434,973 |
| Culverts | 591,389 | 20,649 | 612,038 | 365,104 | 12,975 | 378,079 |
| Water mains and connections | 2,385,957 | 77,365 | 2,463,322 | 645,996 | 110,969 | 756,965 |
| Sewers and connections | 1,596,307 | 43,081 | 1,639,388 | 903,838 | 75,054 | 978,892 |
| Storm sewers | 881,155 | - | 881,155 | 342,998 | 832 | 343,830 |
| Open sewers or drains | 13,059 | 33,849 | 46,908 | 38,689 | 31,856 | 70,545 |
| Dams and reservoirs | 1,899,160 | 128,405 | 2,027,565 | 1,710,500 | 563,933 | 2,274,433 |
| Fencing (excluding temporary snow fencing) | 30,455 | - | 30,455 | 92,287 | 1,894 | 94,181 |
| Electric stations, power plants, etc. | 16,834,956 | 3,782,409 | 20,617,365 | 16,182,900 | 3,111,173 | 19,294,073 |
| Installation of boilers and machinery | 229,013 | - | 229,013 | - | - | - |
| Transmission lines and towers | 5,250,439 | 1,125,977 | 6,376,416 | 6,083,639 | 982,830 | 7,066,469 |
| Railway (steam) construction work | - | 57,162 | 57,162 | 613,801 | 74,738 | 688,539 |
| Aerodromes or landing fields | 2,218,128 | - | 2,218,128 | 3,606,900 | - | 3,606,900 |
| Underground conduits | - | - | - | 715,592 | - | 715,592 |
| Engineering, unable to specify | 2,581,203 | 633,704 | 3,214,907 | 1,845,743 | 606,653 | 2,452,396 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 2,727,117 | 1,673,725 | 4,400,842 | 4,157,597 | 714,188 | 4,871,785 |
| Retaining walls, embankments and ripraping | 238,063 | 85,242 | 323,305 | 261,200 | 63,171 | 324,371 |
| Canals and waterways | - | 24,935 | 24,935 | 189,547 | - | 189,547 |
| Dredging | 4,353,870 | - | 4,353,870 | 4,650,926 | 666,320 | 5,317,246 |
| Pile driving | 97,558 | 40,187 | 137,745 | 167,897 | 55,852 | 223,749 |
| Works, unable to specify | 65,394 | 801,744 | 867,138 | 78,160 | 38,148 | 116,308 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 627,134 | 156,639 | 783,773 | 420,073 | 116,584 | 536,657 |
| Bricklaying | 257,708 | 625,435 | 883,143 | 326,967 | 584,342 | 911,309 |
| Carpentry work | 532,921 | 1,330,052 | 1,862,973 | 481,654 | 1,472,312 | 1,953,966 |
| Commercial refrigeration | 397,073 | 167,967 | 565,040 | 392,486 | 245,628 | 638,114 |
| Concreting and cement work | 458,558 | 547,206 | 1,005,764 | 571,954 | 437,014 | 1,008,968 |
| Electrical work | 2,078,409 | 3,281,314 | 5,359,723 | 1,555,567 | 3,013,309 | 4,568,876 |
| Elevators, service | 677,135 | 1,293,410 | 1,970,545 | 976,961 | 1,026,109 | 2,003,070 |
| Excavating | 255,494 | 29,249 | 284,743 | 330,920 | 25,593 | 356,513 |
| Flooring | 149,383 | 321,082 | 470,465 | 165,235 | 304,693 | 469,928 |
| Glass and glazing | 296,937 | 456,652 | 753,589 | 289,824 | 623,546 | 913,370 |
| Lathing, plastering and stucco | 456,796 | 748,593 | 1,205,389 | 424,215 | 568,874 | 993,089 |
| Masonry and stone work | 117,725 | 162,249 | 279,974 | 63,367 | 118,846 | 182,213 |
| Ornamental iron work | 292,914 | 138,890 | 431,804 | 243,505 | 130,799 | 374,304 |
| Painting and decorating | 564,013 | 4,455,948 | 5,019,961 | 501,683 | 4,656,837 | 5,158,520 |
| Plumbing, heating and sanitary engineering | 5,824,133 | 10,011,556 | 15,835,689 | 5,141,011 | 10,221,507 | 15,362,518 |
| Roofing, sheet metal | 314,432 | 713,368 | 1,027,800 | 282,228 | 676,563 | 958,791 |
| Roofing, all other | 564,552 | 1,470,010 | 2,034,562 | 494,582 | 1,534,739 | 2,029,321 |
| Sheet metal work, other than roofing | 1,147,542 | 1,742,240 | 2,889,782 | 1,001,235 | 1,637,179 | 2,638,414 |
| Sprinkler installation | 291,205 | 51,719 | 342,924 | 523,248 | 36,467 | 559,715 |
| Structural steel work | 805,143 | 45,242 | 850,385 | 1,288,706 | 79,894 | 1,368,600 |
| Tiling, marble and terrazzo | 261,667 | 347,405 | 609,072 | 376,318 | 327,918 | 704,236 |
| Weatherstripping and insulation | 256,420 | 365,173 | 621,593 | 136,200 | 539,905 | 676,105 |
| Wrecking and demolition | - | 231,176 | 231,176 | - | 186,451 | 186,451 |
| Trades, unable to specify | 290,724 | 709,771 | 1,000,495 | 145,653 | 64,073 | 209,726 |
| TOTAL VALUE OF WORK PERFORMED | 204,781,181 | 76,703,509 | 281,484,690 | 211,689,948 | 75,022,511 | 286,712,459 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 9. - Description, Classification and Value of Work Performed in Canada by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|-------------------|-------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Air conditioning | 442,438 | 113,955 | 556,393 | 644,700 | 130,491 | 775,191 |
| Bricklaying | 978,787 | 175,421 | 1,154,208 | 1,070,651 | 209,504 | 1,280,155 |
| Carpentry work | 558,112 | 120,322 | 678,434 | 663,604 | 111,517 | 805,121 |
| Commercial refrigeration | 184,660 | 271,690 | 456,350 | 55,214 | 81,395 | 136,609 |
| Concreting and cement work | 873,004 | 181,070 | 1,054,074 | 919,910 | 204,207 | 1,124,117 |
| Electrical work | 3,188,320 | 911,373 | 4,099,693 | 3,673,526 | 1,022,114 | 4,695,640 |
| Elevators, service | 344,790 | - | 344,790 | 368,020 | 27,509 | 395,529 |
| Excavating | 372,608 | 9,503 | 382,111 | 590,005 | 14,533 | 604,538 |
| Flooring | 600,904 | 181,613 | 782,517 | 707,521 | 221,822 | 929,343 |
| Glass and glazing | 738,890 | 510,275 | 1,249,165 | 859,963 | 577,179 | 1,437,142 |
| Lathing, plastering and stucco | 2,730,719 | 568,477 | 3,299,196 | 3,363,564 | 537,204 | 3,900,768 |
| Masonry and stone work | 613,351 | 42,277 | 655,628 | 614,351 | 45,672 | 658,023 |
| Ornamental iron work | 613,678 | 171,138 | 789,816 | 891,387 | 160,954 | 1,052,341 |
| Painting and decorating | 1,118,317 | 1,035,984 | 2,154,301 | 1,212,436 | 888,467 | 2,100,903 |
| Plumbing, heating and sanitary engineering | 7,537,970 | 2,105,672 | 9,643,642 | 9,704,618 | 2,167,255 | 11,871,873 |
| Roofing, sheet metal | 572,005 | 315,775 | 887,780 | 740,872 | 383,825 | 1,124,697 |
| Roofing, all other | 761,462 | 322,301 | 1,083,763 | 1,175,352 | 492,976 | 1,668,328 |
| Sheet metal work (other than roofing) | 1,156,622 | 495,112 | 1,651,734 | 1,578,925 | 331,401 | 1,910,326 |
| Sprinkler installation | 497,857 | 55,261 | 553,118 | 576,100 | 82,567 | 658,667 |
| Street and highway work | 1,693,227 | 47,028 | 1,740,255 | 519,532 | 93,780 | 613,312 |
| Structural steel work | 16,174,468 | 335,772 | 16,510,240 | 16,313,567 | 225,275 | 16,538,842 |
| Tiling, marble and terrazzo | 1,959,107 | 387,459 | 2,346,566 | 2,131,934 | 404,974 | 2,536,908 |
| Weatherstripping and insulation | 305,446 | 183,041 | 488,487 | 192,245 | 127,422 | 319,667 |
| Wrecking and demolition | - | 116,012 | 116,012 | - | 95,035 | 95,035 |
| Dredging | 764,737 | - | 764,737 | 368,544 | - | 368,544 |
| Open sewers or drains | - | - | - | 13,945 | - | 13,945 |
| Work, unable to specify | 536,194 | 45,195 | 581,389 | 1,030,225 | 708,280 | 1,738,505 |
| TOTAL VALUE OF WORK PERFORMED | 45,322,673 | 8,701,726 | 54,024,399 | 49,980,711 | 9,373,358 | 59,354,069 |

Table 10. - Description, Classification and Value of Work Performed in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---------------------------------------|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | 75,920 | 307,003 | 385,923 | 160,357 | 109,902 | 270,259 |
| Office buildings | 188,959 | 888,620 | 1,077,579 | 331,848 | 680,038 | 1,011,886 |
| Warehouses or storehouses | 147,338 | 460,552 | 607,890 | 359,629 | 425,302 | 784,931 |
| Garages | 138,691 | 246,796 | 385,487 | 148,771 | 160,756 | 309,527 |
| Elevators, grain | 1,517 | 177,358 | 178,875 | 5,015 | 188,805 | 193,820 |
| Farm buildings | 36,356 | 30,604 | 66,960 | 63,669 | 34,245 | 97,914 |
| Aeroplane hangars | - | - | - | 123,709 | - | 123,709 |
| Armouries and barracks | - | - | - | 3,024,408 | 1,691,384 | 4,715,792 |
| Theatres and amusement halls | 435,480 | - | 435,480 | 591,610 | 948 | 592,558 |
| Schools, institutions, etc. | 252,764 | 42,234 | 294,998 | 227,518 | 35,685 | 263,203 |
| Hospitals and sanatoria | 379,076 | 30,718 | 409,794 | 158,675 | 31,903 | 190,578 |
| Hotels, clubs and restaurants | 6,019 | 12,222 | 18,241 | 5,319 | 12,048 | 17,367 |
| Factories | - | - | - | 19,841 | - | 19,841 |
| All other buildings and structures .. | 350,406 | 598,941 | 949,347 | 1,946,685 | 1,112,241 | 3,058,926 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 10. - Description, Classification and Value of Work Performed in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Hard surfaced or paved streets, highways, etc. | 6,781,282 | 3,761,166 | 10,542,448 | 7,873,960 | 4,116,404 | 11,990,384 |
| Gravel or stone surfaced streets, highways, etc. | 8,226,496 | 9,312,258 | 17,538,754 | 8,402,609 | 10,012,368 | 18,414,977 |
| Dirt or clay roads | 2,483,902 | 1,686,302 | 4,170,204 | 2,292,286 | 1,620,275 | 3,912,561 |
| Grading, scraping, oiling, filling, etc. | 1,823,970 | 3,457,067 | 5,281,037 | 2,359,655 | 3,117,481 | 5,477,136 |
| Sidewalks | 505,913 | 1,744,650 | 2,250,563 | 591,901 | 625,557 | 1,217,458 |
| Roadside maintenance and area improvement | 669,485 | 1,145,495 | 1,814,980 | 310,636 | 2,290,054 | 2,600,690 |
| Bridges, viaducts, all types | 1,883,240 | 1,397,328 | 3,280,568 | 2,731,616 | 1,867,956 | 4,599,572 |
| Subways, overhead crossings, etc. | 135,520 | 46,733 | 182,253 | 442,255 | 19,025 | 461,280 |
| Culverts | 1,238,979 | 388,001 | 1,626,980 | 735,401 | 437,700 | 1,173,101 |
| Storm sewers | 854,696 | 167,491 | 1,022,187 | 488,537 | 143,543 | 632,080 |
| Tile drains, drainage ditches and open sewers | 178,971 | 322,908 | 501,879 | 295,768 | 333,956 | 629,724 |
| Reservoirs | 52,516 | 38,669 | 91,185 | 86,622 | 70,158 | 156,780 |
| Fencing (excluding temporary snow fencing) | 736,590 | 119,729 | 856,319 | 830,675 | 65,902 | 896,577 |
| Guard rails | 128,738 | 80,747 | 209,485 | 240,386 | 133,641 | 374,027 |
| Signs | 242,462 | 154,037 | 396,499 | 148,243 | 144,457 | 292,700 |
| Zone painting | 26,633 | 116,384 | 143,017 | 10,099 | 103,503 | 113,602 |
| Watermains and connections | 2,032,390 | 1,904,706 | 3,937,096 | 2,977,995 | 2,338,731 | 5,316,726 |
| Sewers and connections | 885,942 | 609,764 | 1,495,706 | 2,196,096 | 682,369 | 2,878,465 |
| Electric stations, power plants, etc. | - | 24,080 | 24,080 | 12,218 | 51,283 | 63,501 |
| Pole or distribution lines, electric | 288,831 | 652,809 | 941,640 | 338,922 | 555,426 | 894,348 |
| Docks, wharves, piers, breakwaters .. | 659,704 | 1,487,803 | 2,147,507 | 624,405 | 1,465,777 | 2,090,182 |
| Retaining walls and riprappling | 1,042,808 | 419,126 | 1,461,934 | 1,636,792 | 309,128 | 1,945,920 |
| Canal reaches | 9,575 | 79,278 | 88,853 | 60,015 | 61,124 | 121,139 |
| Canal locks | 8,100 | 228,620 | 236,720 | 23,646 | 185,119 | 208,765 |
| Canal gates | 15,851 | 50,314 | 66,165 | 45,369 | 56,664 | 102,033 |
| Water control or dams | 124,358 | 161,756 | 286,114 | 296,220 | 308,426 | 604,646 |
| Aerodromes or landing fields | 968,110 | 324,934 | 1,293,044 | 347,594 | 102,249 | 449,843 |
| Dredging | 271,295 | 836,658 | 1,107,953 | 216,098 | 833,242 | 1,049,340 |
| Excavating | 335,692 | 26,523 | 362,215 | 992,806 | 104,081 | 1,096,887 |
| Park systems (including grounds and walks) | 674,997 | 1,486,732 | 2,161,729 | 1,431,148 | 1,799,125 | 3,230,273 |
| Railway (steam) construction work ... | 9,509 | 208,518 | 218,027 | 86,215 | 171,646 | 257,861 |
| Railway (electric) construction work | - | - | - | - | 2,514 | 2,514 |
| Underground conduits | - | - | - | 911 | - | 911 |
| Telephone and telegraph lines | - | - | - | 81,428 | 120,370 | 201,798 |
| Pile driving | - | - | - | - | 698 | 698 |
| Gas mains and connections | - | - | - | 2,386 | 973 | 3,359 |
| Works, unable to specify | 455,902 | 734,978 | 1,190,880 | 594,494 | 784,578 | 1,379,072 |
| TOTAL VALUE OF WORK PERFORMED | 35,767,983 | 35,970,612 | 71,738,595 | 46,972,461 | 39,518,760 | 86,491,221 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

C A N A D A

Table II. - Total Cost of Materials Used by the Construction Industry in Canada, by Groups and Provinces in 1938 and 1939.

| | General and Trade Contractors and Subcontractors | Municipalities | The Harbours Board, Provincial and Dominion Government Departments | Total Cost |
|----------------------------|--|----------------|--|---------------|
| | \$ | \$ | \$ | \$ |
| <u>1938</u> | | | | |
| CANADA | 152,976,356 | 7,237,541 | 16,348,311 | 176,562,208 |
| Prince Edward Island | 513,263 | 44 | 143,037 | 656,300 |
| Nova Scotia | 6,046,004 | 170,984 | 2,116,117 | 8,333,105 |
| New Brunswick | 4,991,188 | 163,960 | 1,642,431 | 6,797,579 |
| Quebec | 44,105,454 | 1,701,201 | 2,866,274 | 48,672,929 |
| Ontario | 68,196,221 | 3,399,836 | 6,803,064 | 78,399,121 |
| Manitoba | 6,970,420 | 305,956 | 741,020 | 8,017,396 |
| Saskatchewan | 3,286,122 | 123,822 | 402,087 | 3,812,031 |
| Alberta | 4,719,387 | 345,409 | 1,090,493 | 6,155,289 |
| British Columbia | 14,148,297 | 1,026,373 | 543,788 | 15,718,458 |
| | | | | |
| <u>1939</u> | | | | |
| CANADA | 160,521,326 | 7,745,721 | 21,230,295 | 189,497,342 |
| Prince Edward Island | 702,327 | 44 | 128,778 | 831,105 |
| Nova Scotia | 6,942,886 | 159,049 | 3,000,519 | 10,103,054 |
| New Brunswick | 4,478,141 | 195,929 | 1,658,185 | 6,332,255 |
| Quebec | 50,343,361 | 1,607,911 | 6,571,098 | 58,522,370 |
| Ontario | 66,892,350 | 3,289,474 | 6,111,858 | 76,293,682 |
| Manitoba | 7,126,713 | 394,382 | 758,151 | 8,279,246 |
| Saskatchewan | 4,612,661 | 477,525 | 566,024 | 5,656,210 |
| Alberta | 7,112,702 | 446,057 | 1,310,217 | 8,868,976 |
| British Columbia | 12,310,185 | 1,174,794 | 1,125,465 | 14,610,444 |

44 Less than three reports. Included in third column.

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 12. - Cost of Materials Used by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in Canada, in 1938 and 1939.

| | 1938 | 1939 |
|--|------------|------------|
| | Cost Value | Cost Value |
| | \$ | \$ |
| Lumber and timber, rough and dressed | 2,500,918 | 3,532,499 |
| Lumber and timber, creosoted or chemically treated | 657,220 | 886,284 |
| Piling, wood (including treated piling) | 110,459 | 158,356 |
| Piling, steel | 28,952 | 69,623 |
| Piling, other | 9,342 | 15,490 |
| Posts, wood | 178,070 | 229,909 |
| Posts, steel | 59,065 | 71,308 |
| Posts, other | 13,275 | 12,574 |
| Iron and steel shapes | 578,237 | 637,752 |
| Iron and steel forms | 94,011 | 62,793 |
| Iron and steel reinforcing | 136,840 | 178,399 |
| Hydrants | 54,169 | 76,118 |
| Manhole covers and frames | 99,678 | 116,564 |
| Pipe, metal | 758,549 | 1,305,495 |
| Pipe, concrete | 286,958 | 439,615 |
| Pipe, vitrified clay, etc. | 292,297 | 380,371 |
| Pipe, other | - | 26,770 |
| Culverts | 486,002 | 527,902 |
| Rope or cable, wire | 64,200 | 112,852 |
| Rope, other | 24,337 | 19,170 |
| Wire netting or mesh | 35,506 | 59,695 |
| Electric light standards | 24,839 | 130,090 |
| Electrical supplies | 734,787 | 944,621 |
| Plumbing and shop supplies | 270,955 | 622,492 |
| Lead and lead pipe | 98,448 | 70,052 |
| Pipe fittings | 157,340 | 322,881 |
| Valves | 116,409 | 182,606 |
| Hardware | 891,122 | 1,277,656 |
| Paint and painters' supplies | 293,250 | 368,203 |
| Explosives | 187,072 | 201,281 |
| Fencing materials (not to include posts) | 271,966 | 245,295 |
| Guard rail materials (not to include posts) | 22,678 | 80,429 |
| Signs, metal | 95,234 | 98,482 |
| Brick | 127,431 | 110,718 |
| Stone, crushed and all other | 1,547,740 | 2,109,084 |
| Paving blocks | 153,325 | 14,202 |
| Gravel | 1,845,417 | 1,683,723 |
| Sand | 332,759 | 376,139 |
| Cement | 1,988,955 | 1,740,361 |
| Concrete, ready-mix | 140,236 | 135,031 |
| Bituminous materials (not including oil) | 3,971,481 | 4,077,521 |
| Calcium chloride, salt and other chemicals | 1,061,680 | 1,203,898 |
| Oil, for road construction | 442,568 | 498,534 |
| Borrow pits, earth fill, cinders, etc. | 127,674 | 206,748 |
| Roofing materials | - | 165,271 |
| All other materials (unable to classify) | 2,211,401 | 3,191,159 |
| TOTAL COST OF MATERIALS USED | 23,585,852 | 28,976,016 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 13. - Average Monthly Employment of Wage-earners and Their Remuneration by Groups in 1938 and 1939.

| | General and Trade Contractors and Subcontractors | Municipalities | The Harbours Board | Provincial Government Departments | Dominion Government Departments | Total |
|----------------------------|--|----------------|--------------------|-----------------------------------|---------------------------------|---------------|
| | No. | No. | No. | No. | No. | No. |
| <u>1938</u> | | | | | | |
| January | 50,425 | 8,556 | 395 | 6,641 | 2,308 | 68,325 |
| February | 49,073 | 9,048 | 406 | 6,689 | 2,522 | 67,738 |
| March | 50,930 | 10,764 | 543 | 9,479 | 3,364 | 75,080 |
| April | 57,061 | 13,071 | 751 | 18,184 | 2,348 | 91,415 |
| May | 75,755 | 14,984 | 660 | 27,059 | 2,941 | 121,399 |
| June | 91,947 | 17,675 | 630 | 36,964 | 4,074 | 151,290 |
| July | 99,885 | 17,432 | 628 | 39,006 | 5,170 | 162,121 |
| August | 104,496 | 17,665 | 682 | 40,785 | 6,055 | 169,683 |
| September | 103,765 | 17,103 | 660 | 44,491 | 7,165 | 173,184 |
| October | 97,279 | 16,357 | 695 | 39,736 | 7,617 | 161,684 |
| November | 81,864 | 15,195 | 706 | 31,592 | 5,165 | 134,522 |
| December | 59,994 | 11,718 | 536 | 11,247 | 3,014 | 86,509 |
| Monthly Average | 76,873 | 14,131 | 608 | 25,989 | 4,312 | 121,913 |
| Amount of Wages Paid | \$ 79,621,533 | \$11,717,926 | \$ 628,684 | \$ 15,833,740 | \$ 4,793,596 | \$112,595,479 |
| <u>1939</u> | | | | | | |
| January | 43,954 | 9,069 | 387 | 15,413 | 4,868 | 73,891 |
| February | 44,561 | 8,575 | 539 | 15,822 | 4,657 | 74,154 |
| March | 48,157 | 9,038 | 636 | 19,655 | 4,561 | 82,047 |
| April | 48,157 | 10,355 | 898 | 17,455 | 1,950 | 78,815 |
| May | 63,300 | 13,497 | 866 | 32,533 | 3,484 | 113,680 |
| June | 79,779 | 15,240 | 853 | 38,472 | 5,068 | 139,412 |
| July | 90,680 | 15,441 | 790 | 49,744 | 6,194 | 162,849 |
| August | 101,843 | 16,246 | 764 | 50,407 | 8,617 | 177,877 |
| September | 101,947 | 15,470 | 787 | 43,798 | 12,231 | 174,233 |
| October | 95,186 | 14,316 | 711 | 40,309 | 14,886 | 165,408 |
| November | 80,541 | 12,539 | 627 | 21,126 | 13,632 | 128,465 |
| December | 58,988 | 9,389 | 574 | 11,832 | 7,797 | 88,630 |
| Monthly Average | 71,424 | 12,431 | 703 | 29,718 | 7,329 | 121,605 |
| Amount of Wages Paid | \$ 76,255,308 | \$11,729,244 | \$ 592,492 | \$ 22,606,731 | \$ 7,417,363 | \$118,601,138 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 14. - Average Monthly Employment of Wage-earners and Their Remuneration by Provinces in 1938 and 1939.

| | Prince Edward Island | Nova Scotia | New Brunswick | Quebec | Ontario | Manitoba | Saskat- chewan | Alberta | British Columbia |
|-------------------------------|----------------------------|----------------|------------------|---------------|---------------|--------------|-------------------|--------------|---------------------|
| | No. | No. | No. | No. | No. | No. | No. | No. | No. |
| <u>1938</u> | | | | | | | | | |
| January | 62 | 3,139 | 2,139 | 20,766 | 29,139 | 1,904 | 1,111 | 1,995 | 8,070 |
| February | 61 | 2,833 | 1,980 | 20,858 | 28,866 | 2,102 | 1,023 | 1,798 | 8,217 |
| March | 83 | 2,961 | 2,558 | 23,363 | 31,720 | 2,249 | 980 | 2,160 | 9,006 |
| April | 221 | 4,278 | 3,184 | 29,931 | 38,494 | 2,615 | 2,415 | 2,816 | 7,461 |
| May | 309 | 6,926 | 5,135 | 41,955 | 47,707 | 3,668 | 3,430 | 3,950 | 8,319 |
| June | 667 | 8,957 | 8,290 | 51,006 | 56,992 | 4,757 | 4,999 | 6,060 | 9,562 |
| July | 985 | 8,982 | 9,123 | 54,593 | 58,144 | 5,575 | 7,813 | 6,533 | 10,373 |
| August | 1,331 | 9,901 | 9,244 | 56,607 | 58,741 | 6,985 | 10,040 | 5,853 | 10,981 |
| September | 1,523 | 10,067 | 10,545 | 56,735 | 60,220 | 7,159 | 10,559 | 5,763 | 10,613 |
| October | 963 | 8,475 | 9,072 | 53,703 | 58,797 | 6,281 | 8,998 | 5,519 | 9,876 |
| November | 523 | 7,429 | 6,098 | 47,275 | 49,999 | 4,070 | 5,663 | 4,481 | 8,994 |
| December | 134 | 4,563 | 3,301 | 28,789 | 34,198 | 2,312 | 2,563 | 2,727 | 7,922 |
| Monthly Average.. | 572 | 6,542 | 5,889 | 40,465 | 46,085 | 4,140 | 4,966 | 4,138 | 9,116 |
| Amount of Wages Paid | \$ 453,039 | \$ 6,411,212 | \$ 4,852,526 | \$ 34,186,002 | \$ 45,306,849 | \$ 4,010,585 | \$ 3,447,129 | \$ 4,486,742 | \$ 9,441,395 |
| <u>1939</u> | | | | | | | | | |
| January | 87 | 4,104 | 1,707 | 29,559 | 26,087 | 1,660 | 1,133 | 2,150 | 6,904 |
| February | 105 | 4,017 | 1,712 | 29,598 | 26,829 | 1,705 | 1,086 | 2,154 | 6,948 |
| March | 126 | 3,752 | 2,383 | 30,634 | 31,333 | 2,070 | 1,179 | 2,569 | 8,001 |
| April | 106 | 3,396 | 2,355 | 29,362 | 28,077 | 2,629 | 2,065 | 3,494 | 7,331 |
| May | 389 | 5,257 | 4,213 | 45,003 | 39,558 | 3,863 | 2,945 | 5,179 | 7,273 |
| June | 800 | 7,622 | 7,338 | 55,027 | 45,339 | 4,713 | 3,973 | 6,318 | 8,282 |
| July | 1,049 | 7,812 | 10,704 | 62,068 | 53,205 | 5,552 | 6,139 | 6,748 | 9,572 |
| August | 1,318 | 8,887 | 11,735 | 70,064 | 55,270 | 5,680 | 7,672 | 7,309 | 9,942 |
| September | 1,304 | 9,608 | 10,113 | 67,394 | 56,272 | 6,303 | 7,209 | 6,369 | 9,661 |
| October | 1,243 | 7,949 | 7,554 | 71,270 | 50,695 | 5,835 | 6,625 | 5,806 | 8,431 |
| November | 803 | 7,901 | 5,383 | 48,128 | 45,040 | 3,842 | 4,518 | 4,679 | 8,171 |
| December | 160 | 5,490 | 3,121 | 32,152 | 33,298 | 2,297 | 2,274 | 2,956 | 6,382 |
| Monthly Average.. | 624 | 6,316 | 5,693 | 47,547 | 40,917 | 3,846 | 3,902 | 4,644 | 8,116 |
| Amount of Wages Paid | \$ 680,338 | \$ 6,587,138 | \$ 4,703,705 | \$ 42,491,457 | \$ 41,615,174 | \$ 4,023,325 | \$ 3,773,566 | \$ 5,573,454 | \$ 9,152,981 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 15. - Average Monthly Employment of Wage-earners in Canada, by General and Trade Contractors and Subcontractors and Their Remuneration, by Provinces in 1938 and 1939.

| | Prince Edward Island | Nova Scotia | New Brunswick | Quebec | Ontario | Manitoba | Saskat- chewan | Alberta | British Columbia | CANADA |
|-------------------------------|----------------------------|----------------|------------------|---------------|---------------|--------------|-------------------|--------------|---------------------|---------------|
| | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. |
| <u>1938</u> | | | | | | | | | | |
| January | 36 | 2,482 | 842 | 15,909 | 23,913 | 1,534 | 710 | 1,077 | 3,922 | 50,425 |
| February | 37 | 2,242 | 692 | 15,100 | 23,574 | 1,674 | 649 | 966 | 4,179 | 49,073 |
| March | 37 | 2,235 | 824 | 15,502 | 24,337 | 1,684 | 659 | 1,091 | 4,561 | 50,930 |
| April | 52 | 2,688 | 1,123 | 16,831 | 26,965 | 2,011 | 995 | 1,520 | 4,876 | 57,061 |
| May | 143 | 4,735 | 2,340 | 22,986 | 33,734 | 2,621 | 1,496 | 2,076 | 5,624 | 75,755 |
| June | 424 | 6,038 | 4,202 | 28,669 | 38,989 | 3,190 | 1,870 | 2,457 | 6,108 | 91,947 |
| July | 609 | 6,270 | 5,021 | 32,601 | 40,125 | 3,509 | 2,362 | 2,808 | 6,580 | 99,885 |
| August | 738 | 6,490 | 5,609 | 34,021 | 40,678 | 4,504 | 2,392 | 2,909 | 7,155 | 104,496 |
| September | 814 | 6,402 | 5,822 | 32,863 | 41,168 | 4,158 | 2,556 | 2,898 | 7,084 | 103,765 |
| October | 441 | 5,192 | 4,827 | 32,049 | 39,629 | 3,338 | 2,496 | 2,741 | 6,566 | 97,279 |
| November | 215 | 4,412 | 2,904 | 28,820 | 33,619 | 2,627 | 1,680 | 2,139 | 5,448 | 81,864 |
| December | 81 | 3,436 | 1,491 | 20,269 | 26,080 | 1,762 | 954 | 1,711 | 4,210 | 59,994 |
| Monthly Average.. | 302 | 4,385 | 2,975 | 24,635 | 32,734 | 2,718 | 1,568 | 2,033 | 5,523 | 76,873 |
| Amount of Wages Paid | \$ 307,671 | \$ 4,173,949 | \$ 2,943,256 | \$ 23,559,590 | \$ 35,544,163 | \$ 2,717,860 | \$ 1,645,295 | \$ 2,208,448 | \$ 6,521,301 | \$ 79,621,533 |
| <u>1939</u> | | | | | | | | | | |
| January | 72 | 2,309 | 834 | 14,284 | 20,193 | 1,128 | 814 | 1,089 | 3,231 | 43,954 |
| February | 91 | 2,027 | 682 | 14,125 | 21,027 | 1,190 | 836 | 975 | 3,608 | 44,561 |
| March | 97 | 1,944 | 655 | 14,385 | 23,023 | 1,553 | 873 | 1,341 | 4,286 | 48,157 |
| April | 81 | 2,052 | 781 | 15,152 | 20,422 | 1,951 | 1,063 | 1,913 | 4,742 | 48,157 |
| May | 264 | 3,132 | 1,614 | 20,752 | 25,930 | 2,664 | 1,555 | 2,590 | 4,799 | 63,300 |
| June | 665 | 4,387 | 3,290 | 28,040 | 30,938 | 2,801 | 1,952 | 2,897 | 4,809 | 79,779 |
| July | 855 | 5,297 | 4,717 | 31,696 | 33,839 | 3,033 | 2,465 | 3,275 | 5,503 | 90,680 |
| August | 962 | 5,611 | 5,294 | 36,665 | 37,662 | 3,364 | 2,768 | 3,544 | 5,973 | 101,843 |
| September | 932 | 6,027 | 5,031 | 36,983 | 37,796 | 3,558 | 2,435 | 3,142 | 6,043 | 101,947 |
| October | 897 | 5,130 | 3,763 | 35,238 | 36,319 | 3,237 | 2,318 | 2,778 | 5,506 | 95,186 |
| November | 569 | 4,106 | 2,479 | 28,941 | 32,388 | 2,202 | 2,741 | 2,170 | 4,945 | 80,541 |
| December | 96 | 2,979 | 1,487 | 20,518 | 25,369 | 1,497 | 1,528 | 1,431 | 4,083 | 58,988 |
| Monthly Average.. | 465 | 3,750 | 2,552 | 24,732 | 28,742 | 2,348 | 1,779 | 2,262 | 4,794 | 71,154 |
| Amount of Wages Paid | \$ 518,334 | \$ 4,051,387 | \$ 2,451,872 | \$ 24,739,179 | \$ 31,317,945 | \$ 2,592,870 | \$ 1,888,897 | \$ 2,774,200 | \$ 5,920,624 | \$ 76,255,308 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 16. - Average Monthly Employment of Wage-earners in Canada by Municipalities, The Harbours Board, Provincial and Dominion Government Departments, by Provinces, in 1938 and 1939.

| | Prince Edward Island | Nova Scotia | New Brunswick | Quebec | Ontario | Manitoba | Saskat- chewan | Alberta | British Columbia | CANADA |
|-------------------------------|----------------------------|----------------|------------------|---------------|---------------|--------------|-------------------|--------------|---------------------|---------------|
| | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. |
| <u>1938</u> | | | | | | | | | | |
| January | 26 | 657 | 1,297 | 4,857 | 5,226 | 370 | 401 | 918 | 4,148 | 17,900 |
| February | 24 | 591 | 1,288 | 5,758 | 5,292 | 428 | 374 | 832 | 4,078 | 18,665 |
| March | 46 | 726 | 1,734 | 7,861 | 7,383 | 565 | 321 | 1,069 | 4,445 | 24,150 |
| April | 169 | 1,590 | 2,061 | 13,100 | 11,529 | 604 | 1,420 | 1,296 | 2,585 | 34,354 |
| May | 166 | 2,191 | 2,795 | 18,969 | 13,973 | 1,047 | 1,934 | 1,874 | 2,695 | 45,644 |
| June | 243 | 2,919 | 4,088 | 22,337 | 18,003 | 1,567 | 3,129 | 3,603 | 3,454 | 59,343 |
| July | 376 | 2,712 | 4,102 | 21,992 | 18,019 | 2,066 | 5,451 | 3,725 | 3,793 | 62,236 |
| August | 593 | 3,411 | 3,635 | 22,586 | 18,063 | 2,481 | 7,648 | 2,944 | 3,826 | 65,187 |
| September | 709 | 3,665 | 4,723 | 23,872 | 19,052 | 3,001 | 8,003 | 2,865 | 3,529 | 69,419 |
| October | 522 | 3,283 | 4,245 | 21,654 | 19,168 | 2,943 | 6,502 | 2,778 | 3,310 | 64,405 |
| November | 308 | 3,007 | 3,194 | 18,455 | 16,380 | 1,443 | 3,983 | 2,342 | 3,546 | 52,658 |
| December | 53 | 1,127 | 1,810 | 8,520 | 8,118 | 550 | 1,609 | 1,016 | 3,712 | 26,515 |
| Monthly Average | 270 | 2,157 | 2,914 | 15,830 | 13,351 | 1,422 | 3,398 | 2,105 | 3,593 | 45,040 |
| Amount of Wages Paid | \$ 145,368 | \$ 2,237,263 | \$ 1,909,270 | \$ 10,626,412 | \$ 9,762,686 | \$ 1,292,725 | \$ 1,801,534 | \$ 2,278,294 | \$ 2,920,094 | \$ 32,973,946 |
| <u>1939</u> | | | | | | | | | | |
| January | 15 | 1,795 | 873 | 15,575 | 5,894 | 532 | 319 | 1,061 | 3,673 | 29,737 |
| February | 14 | 1,990 | 1,030 | 15,473 | 5,802 | 515 | 250 | 1,179 | 3,340 | 29,593 |
| March | 29 | 1,808 | 1,728 | 16,249 | 8,310 | 517 | 306 | 1,228 | 3,715 | 33,890 |
| April | 25 | 1,344 | 1,574 | 14,210 | 7,655 | 678 | 1,002 | 1,581 | 2,589 | 30,658 |
| May | 125 | 2,125 | 2,599 | 24,251 | 13,628 | 1,199 | 1,390 | 2,589 | 2,474 | 50,300 |
| June | 135 | 3,235 | 4,048 | 26,987 | 14,401 | 1,912 | 2,021 | 3,421 | 3,473 | 59,633 |
| July | 194 | 2,515 | 5,987 | 30,372 | 19,366 | 2,519 | 3,674 | 3,473 | 4,069 | 72,169 |
| August | 356 | 3,276 | 6,441 | 33,399 | 17,608 | 2,316 | 4,904 | 3,765 | 3,969 | 76,034 |
| September | 372 | 3,581 | 5,082 | 30,411 | 18,476 | 2,745 | 4,774 | 3,227 | 3,618 | 72,286 |
| October | 346 | 2,819 | 3,791 | 36,032 | 14,376 | 2,598 | 4,307 | 3,028 | 2,925 | 70,222 |
| November | 234 | 3,795 | 2,904 | 19,187 | 12,652 | 1,640 | 1,777 | 2,509 | 3,226 | 47,924 |
| December | 64 | 2,511 | 1,634 | 11,634 | 7,929 | 800 | 746 | 1,525 | 2,799 | 29,642 |
| Monthly Average | 159 | 2,566 | 3,141 | 22,815 | 12,175 | 1,498 | 2,123 | 2,382 | 3,322 | 50,181 |
| Amount of Wages Paid | \$ 162,004 | \$ 2,535,751 | \$ 2,251,833 | \$ 17,752,278 | \$ 10,297,229 | \$ 1,430,455 | \$ 1,884,669 | \$ 2,799,254 | \$ 3,232,351 | \$ 42,345,830 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

CANADA

Table 17. - Principal Statistics of General and Trade Contractors (including Subcontractors), located in Nine Cities of Canada, in 1938 and 1939.

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

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|---------------------|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|--------------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| | No. | No. | \$ | \$ | \$ | \$ | \$ |
| <u>1938</u> | | | | | | | |
| Hamilton | 423 | 3,238 | 3,902,828 | 5,118,504 | 7,054,263 | 2,829,429 | 9,583,692 |
| London | 233 | 1,208 | 1,347,596 | 1,545,803 | 1,641,873 | 1,351,692 | 2,993,565 |
| Montreal | 1,229 | 20,538 | 22,706,853 | 29,108,079 | 39,925,740 | 15,065,308 | 54,991,048 |
| Ottawa | 342 | 2,517 | 2,884,584 | 3,060,289 | 3,860,070 | 2,606,138 | 6,466,208 |
| Quebec | 239 | 3,407 | 3,026,555 | 4,566,075 | 5,961,550 | 2,238,408 | 8,199,958 |
| Toronto | 2,221 | 19,331 | 23,481,554 | 31,519,759 | 47,012,074 | 15,372,773 | 62,384,847 |
| Vancouver | 833 | 4,965 | 5,856,861 | 7,867,995 | 10,639,043 | 3,615,352 | 14,254,395 |
| Victoria | 204 | 1,143 | 1,136,310 | 1,448,767 | 1,762,201 | 879,855 | 2,642,056 |
| Winnipeg | 396 | 3,431 | 3,633,627 | 4,762,963 | 5,402,613 | 4,008,510 | 9,411,123 |
| Totals | 6,120 | 59,778 | 67,976,768 | 88,998,234 | 123,259,427 | 47,967,465 | 171,226,892 |
| <u>1939</u> | | | | | | | |
| Hamilton | 451 | 2,857 | 3,487,879 | 5,236,185 | 7,506,245 | 2,549,555 | 10,055,800 |
| London | 239 | 1,134 | 1,233,688 | 1,554,744 | 1,595,055 | 1,231,159 | 2,826,214 |
| Montreal | 1,352 | 20,460 | 24,105,630 | 34,759,941 | 48,165,345 | 14,332,738 | 62,498,083 |
| Ottawa | 343 | 2,405 | 2,718,562 | 2,973,039 | 4,326,295 | 2,074,186 | 6,400,481 |
| Quebec | 282 | 3,240 | 3,102,259 | 3,901,838 | 5,679,024 | 2,374,328 | 8,053,352 |
| Toronto | 2,165 | 18,547 | 22,836,619 | 32,439,783 | 45,853,680 | 15,220,942 | 61,074,622 |
| Vancouver | 855 | 4,365 | 5,511,294 | 6,696,825 | 8,775,722 | 3,463,172 | 12,238,894 |
| Victoria | 211 | 882 | 1,027,705 | 1,222,396 | 1,487,601 | 705,720 | 2,193,321 |
| Winnipeg | 457 | 3,119 | 3,616,050 | 5,992,036 | 6,258,697 | 3,800,738 | 10,059,435 |
| Totals | 6,355 | 57,009 | 67,639,686 | 94,776,787 | 129,647,664 | 45,752,538 | 175,400,202 |

Table 18. - Percentage Variation in Principal Statistics of the Above Nine Cities in 1938 and 1939.

+ Represents Increase
- Represents Decrease

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--------------------|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|--------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| Hamilton | + 6.6 | - 11.8 | - 10.6 | + 2.3 | + 6.4 | - 9.9 | + 1.7 |
| London | + 2.6 | - 6.1 | - 8.5 | + .6 | - 2.9 | - 8.9 | - 5.6 |
| Montreal | + 10.0 | - .4 | + 6.2 | + 19.4 | + 20.6 | - 4.9 | + 13.7 |
| Ottawa | + .3 | - 4.5 | - 5.8 | - 2.9 | + 12.1 | - 20.4 | - 1.0 |
| Quebec | + 15.0 | - 4.9 | + 2.5 | - 14.6 | - 4.7 | + 6.1 | - 1.8 |
| Toronto | - 2.5 | - 4.1 | - 2.8 | + 3.0 | - 2.5 | - 1.0 | - 2.1 |
| Vancouver | + 2.6 | - 12.1 | - 5.9 | - 14.9 | - 17.5 | - 4.2 | - 14.1 |
| Victoria | + 3.4 | - 22.8 | - 9.6 | - 15.6 | - 15.6 | - 19.8 | - 17.0 |
| Winnipeg | + 15.4 | - 9.1 | - .5 | + 25.8 | + 15.8 | - 5.2 | + 6.9 |
| Total | + 3.8 | - 4.7 | - .5 | + 6.5 | + 5.2 | - 4.6 | + 2.4 |

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PRINCE EDWARD ISLAND

Table 19. - Principal Statistics of the Construction Industry in Prince Edward Island in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | No. | \$ | \$ | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>1938</u> | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 34 | 347 | 356,566 | 513,263 | 904,964 | 118,769 | 1,023,733 |
| Municipalities and Dominion Government Departments | 6 | 289 | 169,777 | 143,037 | 121,863 | 185,846 | 307,709 |
| Totals | 40 | 636 | 526,343 | 656,300 | 1,026,827 | 304,615 | 1,331,442 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 52 | 533 | 587,429 | 702,327 | 1,407,143 | 219,358 | 1,626,501 |
| Municipalities and Dominion Government Departments | 7 | 183 | 191,665 | 128,778 | 101,959 | 219,604 | 321,563 |
| Totals | 59 | 716 | 779,094 | 831,105 | 1,509,102 | 438,962 | 1,948,064 |

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 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|------------------|------------------|-------------------------------------|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 20,774 | 4,018 | 24,792 | 59,658 | 12,229 | 71,887 |
| Dwellings, semi-detached or double | - | 8,631 | 8,631 | - | 1,934 | 1,934 |
| Apartment houses | - | 10,711 | 10,711 | 12,844 | - | 12,844 |
| Office buildings | - | 6,250 | 6,250 | 6,505 | 3,942 | 10,447 |
| Factories, warehouses and storehouses | - | 2,277 | 2,277 | 4,964 | 10,590 | 15,554 |
| Garages | - | - | - | 960 | - | 960 |
| Farm buildings | - | 1,079 | 1,079 | - | - | - |
| Armouries and barracks | - | - | - | - | 3,801 | 3,801 |
| Buildings, unable to specify | 50,706 | 23,411 | 74,117 | 56,595 | 109,014 | 165,609 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 627,372 | - | 627,372 | 963,876 | 15,090 | 978,966 |
| Gravel or stone surfaced streets, highways, etc. | 59,470 | 970 | 60,440 | 23,219 | 2,324 | 25,543 |
| Dirt or clay roads | - | - | - | - | 263 | 263 |
| Grading, scraping, oiling, filling, etc. | - | - | - | - | 435 | 435 |
| Sidewalks | - | - | - | - | 1,811 | 1,811 |
| Bridges, viaducts all types | - | - | - | - | 750 | 750 |
| Culverts | 22,427 | - | 22,427 | 300 | - | 300 |
| Watermains and connections | 1,569 | - | 1,569 | 1,400 | - | 1,400 |
| Sewers and connections | - | - | - | 1,232 | - | 1,232 |
| Storm sewers | 6,412 | 82,469 | 88,881 | 6,440 | 1,711 | 8,151 |
| Fencing (excluding temporary snow fencing) | 1,098 | - | 1,098 | 795 | - | 795 |
| Zone painting | - | 515 | 515 | - | - | - |
| Park systems | 6,764 | - | 6,764 | 33,763 | 2,586 | 36,349 |
| Engineering, unable to specify .. | 2,744 | 3,281 | 6,025 | 128,235 | 989 | 129,224 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers, breakwaters | - | 109,928 | 109,928 | - | 132,975 | 132,975 |
| Retaining walls, embankments and ripraping | 19,115 | - | 19,115 | 3,459 | - | 3,459 |
| Dredging | - | - | - | 3,262 | 71,211 | 74,473 |
| Works, unable to specify | 179,667 | - | 179,667 | 156,273 | - | 156,273 |
| <u>Trade Construction</u> | | | | | | |
| Excavating | - | - | - | 1,154 | - | 1,154 |
| Plumbing, heating and sanitary engineering | 18,260 | 41,015 | 59,275 | 34,083 | 43,491 | 77,574 |
| Trades, unable to specify | 10,119 | 10,060 | 20,509 | 10,085 | 23,816 | 33,901 |
| TOTAL VALUE OF WORK PERFORMED .. | 1,026,827 | 304,615 | 1,331,442 | 1,509,102 | 438,962 | 1,948,064 |

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PRINCE EDWARD ISLAND

Table 21. - Description, Classification and Value of Work Performed in Prince Edward Island, by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|------------------|------------------|-------------------------------------|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 9,339 | 3,156 | 12,495 | 59,658 | 11,379 | 71,037 |
| Dwellings, semi-detached or double | - | 8,631 | 8,631 | - | 1,934 | 1,934 |
| Apartment houses | - | 10,711 | 10,711 | 12,844 | - | 12,844 |
| Buildings, unable to specify | 39,082 | 23,226 | 62,308 | 52,822 | 110,233 | 163,055 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 627,372 | - | 627,372 | 963,876 | - | 963,876 |
| Gravel or stone surfaced streets, highways, etc. | 39,162 | - | 39,162 | 20,069 | - | 20,069 |
| Engineering, unable to specify ..., | 250 | - | 250 | 120,109 | 1,777 | 121,886 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Works, unable to specify | 161,050 | 21,970 | 183,020 | 133,597 | 26,725 | 160,325 |
| <u>Trade Construction</u> | | | | | | |
| Plumbing, heating and sanitary engineering | 18,260 | 41,015 | 59,275 | 34,083 | 43,491 | 77,574 |
| Trades, unable to specify | 10,449 | 10,060 | 20,509 | 10,085 | 23,816 | 33,901 |
| TOTAL VALUE OF WORK PERFORMED.. | 904,964 | 118,769 | 1,023,733 | 1,407,143 | 219,358 | 1,626,501 |

Table 22. - Description, Classification and Value of Work Performed by Subcontractors in Prince Edward Island, in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--------------------------------------|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| TOTAL VALUE OF WORK PERFORMED | \$ | \$ | \$ | \$ | \$ | \$ |
| Work, unable to specify | 6,595 | 1,038 | 7,636 | 69,434 | 1,113 | 70,547 |

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipal and Dominion Government Departments, in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---------------------------------------|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | \$ | \$ | \$ | \$ | \$ | \$ |
| | 11,435 | 862 | 12,297 | - | 850 | 850 |
| Office buildings | - | 2,605 | 2,605 | 6,505 | 3,205 | 9,710 |
| Warehouses or storehouses | - | 1,910 | 1,910 | 4,964 | 6,862 | 11,826 |
| Garages | - | - | - | 450 | - | 450 |
| Farm buildings | - | 452 | 452 | - | - | - |
| Armouries and barracks | - | - | - | - | 3,801 | 3,801 |
| All other buildings and structures .. | 11,624 | 4,794 | 16,418 | 4,283 | 3,246 | 7,529 |

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PRINCE EDWARD ISLAND

Table 23. - Description, Classification and Value of Work Performed in Prince Edward Island by Municipal and Dominion Government Departments, in 1938 and 1939. - Concluded.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Hard surfaced or paved streets, highways, etc. | \$ - | \$ - | \$ - | \$ - | \$ 15,090 | \$ 15,090 |
| Gravel or stone surfaced highways, etc. | 20,308 | 970 | 21,278 | 3,150 | 547 | 3,697 |
| Dirt or clay roads | - | - | - | 5,469 | 263 | 5,732 |
| Grading, scraping, oiling, filling, etc. | - | - | - | - | 435 | 435 |
| Sidewalks | - | - | - | - | 1,811 | 1,811 |
| Bridges and viaducts, all types.... | - | - | - | - | 750 | 750 |
| Culverts | 22,427 | - | 22,427 | 300 | - | 300 |
| Storm sewers | - | - | - | 6,140 | 1,711 | 8,151 |
| Fencing (excluding temporary snow fencing) | 1,098 | - | 1,098 | 795 | - | 795 |
| Watermains and connections | 1,569 | - | 1,569 | 1,400 | - | 1,400 |
| Sewers and connections | - | - | - | 1,232 | - | 1,232 |
| Docks, wharves, piers, breakwaters.... | 18,617 | 87,958 | 106,575 | 22,676 | 106,247 | 128,923 |
| Retaining walls and ripraping | 19,115 | - | 19,115 | 3,459 | - | 3,459 |
| Dredging | 6,412 | 52,105 | 88,517 | 3,262 | 71,211 | 74,473 |
| Excavating | - | - | - | 1,154 | - | 1,154 |
| Park systems | 6,764 | - | 6,764 | 33,763 | 2,586 | 36,319 |
| Works, unable to specify | 2,494 | 4,160 | 6,654 | 2,657 | 909 | 3,646 |
| TOTAL VALUE OF WORK PERFORMED | 121,863 | 185,846 | 307,709 | 101,959 | 219,604 | 321,563 |

Table 24. - Cost of Materials Used by Municipal and Dominion Government Departments in Prince Edward Island, in 1938 and 1939.

| | 1938 | | 1939 | |
|---|-----------|-------|-----------|-------|
| | Cost | Value | Cost | Value |
| Lumber and timber, rough and dressed | \$ 32,007 | | \$ 34,018 | |
| Lumber and timber, creosoted or chemically treated | 4,487 | | 7,525 | |
| Piling, wood (including treated piling) | 12,855 | | 5,031 | |
| Pipe, metal | - | | 1,499 | |
| Pipe, concrete | - | | 237 | |
| Pipe, vitrified clay, etc. | - | | 3,239 | |
| Culverts | - | | 190 | |
| Rope or cable, wire | 2,080 | | 1,223 | |
| Rope, other | 1,595 | | 1,548 | |
| Electrical supplies | 229 | | 2,413 | |
| Plumbing and shop supplies | - | | 1,533 | |
| Hardware | 11,601 | | 10,835 | |
| Paint and painters' supplies | 2,054 | | 2,228 | |
| Explosives | 574 | | 768 | |
| Fencing materials (not to include posts) | - | | 435 | |
| Brick | 954 | | - | |
| Stone, crushed and all other | 7,648 | | 10,022 | |
| Gravel | 2,512 | | 2,599 | |
| Sand | 1,941 | | 476 | |
| Cement | 2,119 | | 1,767 | |
| Bituminous materials (not including oil) | - | | 1,200 | |
| Calcium chloride, salt and other chemicals | 329 | | 461 | |
| Oil, for road construction | - | | 800 | |
| Borrow pits, earth fill, cinders, etc. | 1,423 | | 618 | |
| Roofing materials | - | | 1,778 | |
| All other materials, unable to classify | 58,626 | | 33,035 | |
| TOTAL COST OF MATERIALS | 143,037 | | 128,775 | |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

NOVA SCOTIA

Table 25. - Principal Statistics of the Construction Industry in Nova Scotia in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| 1938 | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 411 | 4,926 | 4,964,885 | 6,046,004 | 9,960,566 | 2,501,187 | 12,461,753 |
| Municipalities | 12 | 367 | 340,786 | 170,984 | 164,921 | 400,909 | 565,830 |
| Harbours Board, Provincial and Dominion Government Departments | 7 | 2,232 | 2,354,357 | 2,116,117 | 2,030,896 | 2,980,208 | 5,011,104 |
| Totals | 430 | 7,525 | 7,660,028 | 8,333,105 | 12,156,383 | 5,882,304 | 18,038,687 |
| 1939 | | | | | | | |
| General and Trade Contractors and Subcontractors | 466 | 4,382 | 5,024,299 | 6,942,886 | 10,386,443 | 2,597,282 | 12,983,725 |
| Municipalities | 12 | 383 | 367,809 | 159,649 | 202,372 | 377,607 | 579,979 |
| Harbours Board, Provincial and Dominion Government Departments | 7 | 2,604 | 2,621,947 | 3,000,519 | 2,892,114 | 3,434,631 | 6,326,745 |
| Totals | 485 | 7,369 | 8,014,055 | 10,103,054 | 13,480,929 | 6,409,520 | 19,890,449 |

Table 26. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, Harbours Board, and Provincial and Dominion Government Departments, in 1938 and 1939

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Building Construction | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 1,245,327 | 453,468 | 1,698,795 | 1,116,658 | 413,898 | 1,530,556 |
| Dwellings, semi-detached or double ... | 19,981 | 17,577 | 37,558 | 34,800 | 17,287 | 52,087 |
| Duplexes | 18,399 | 2,000 | 20,399 | 48,141 | 6,550 | 54,691 |
| Apartment houses | 25,345 | 34,540 | 59,885 | 42,295 | 40,009 | 82,304 |
| Hotels, clubs, restaurants, etc. | 30,638 | 42,769 | 73,407 | 21,673 | 21,906 | 43,579 |
| Churches and church halls | 128,965 | - | 128,965 | 83,652 | 25,994 | 109,646 |
| Hospitals and sanatoria | - | 15,942 | 15,942 | - | - | - |
| Schools and institutions | 319,506 | 24,903 | 344,409 | 441,388 | 59,463 | 500,851 |
| Office buildings | 77,346 | 102,317 | 179,663 | 183,753 | 127,772 | 311,525 |
| Stores | 272,724 | 80,283 | 353,007 | 151,495 | 88,846 | 240,341 |
| Theatres and amusement halls | 267,074 | - | 267,074 | - | 59,778 | 59,778 |
| Factories and warehouses | 673,573 | 146,312 | 1,120,185 | 712,555 | 501,744 | 1,214,299 |
| Grain elevators | - | 4,925 | 4,925 | - | 6,318 | 6,318 |
| Garages | 178,420 | 10,825 | 189,245 | 153,274 | 16,259 | 169,533 |
| Service stations | - | 97,821 | 97,821 | 87,509 | 117,281 | 204,790 |
| Farm buildings | 8,531 | 2,672 | 11,203 | 29,887 | - | 29,887 |
| Aeroplane Hangars | - | - | - | 125,709 | - | 125,709 |
| Armouries and barracks | - | - | - | 566,424 | 372,860 | 939,284 |
| Buildings, unable to specify | 597,841 | 155,166 | 753,007 | 840,881 | 242,139 | 1,083,020 |
| Engineering Construction | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 2,360,950 | 169,755 | 2,530,705 | 1,732,820 | 170,439 | 1,903,259 |
| Gravel or stone surfaced streets, highways, etc. | 1,471,462 | 1,224,665 | 2,696,127 | 1,805,349 | 1,338,585 | 3,143,934 |
| Dirt or clay roads | 285,000 | 646,007 | 931,007 | 256,436 | 616,028 | 872,464 |
| Grading, scraping, oiling, filling, etc. | 229,809 | 57,178 | 286,987 | - | 14,475 | 14,475 |
| Sidewalks | - | 17,296 | 17,296 | - | 15,515 | 15,515 |
| Roadside maintenance and area improvement | - | 15,024 | 15,024 | 2,003 | 18,796 | 20,799 |
| Bridges, viaducts, all types | 334,819 | 248,231 | 583,050 | 210,890 | 276,905 | 487,795 |
| Culverts | 31,201 | 1,814 | 33,015 | 40,051 | 2,816 | 42,857 |
| Watermains and connections | 85,893 | 107,805 | 193,698 | 129,211 | 125,477 | 254,688 |
| Sewers and connections | 39,099 | 17,931 | 57,030 | 75,105 | 13,743 | 88,848 |
| Storm sewers | 5,400 | 386 | 5,786 | 3,926 | 857 | 4,783 |
| Dams and reservoirs | - | 5,200 | 5,200 | - | - | - |
| Tile drains, drainage ditches and open sewers | - | 5,194 | 5,194 | - | 1,541 | 1,541 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

NOVA SCOTIA

Table 26. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors), Municipalities, Harbours Board, and Provincial and Dominion Government Departments, in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | 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) | - | 968 | 968 | 12,526 | 2,784 | 15,310 |
| Electric stations, power plants, etc. | - | - | - | 287,421 | 31,579 | 319,000 |
| Signs | - | 6,302 | 6,302 | - | 5,692 | 5,692 |
| Zone painting | - | 15,910 | 15,910 | - | 16,101 | 16,101 |
| Transmission lines and towers | - | - | - | - | 16,141 | 16,141 |
| Aerodromes or landing fields | 638,355 | 7,134 | 645,489 | 1,414,072 | 508 | 1,414,580 |
| Park systems, including grounds and walks | 16,890 | 8,622 | 25,512 | 17,783 | 11,512 | 29,295 |
| Telephone and telegraph lines | - | - | - | - | 14,000 | 14,000 |
| Engineering, unable to specify | 1,358,872 | 377,736 | 1,736,608 | 934,928 | 123,940 | 1,058,568 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers & breakwaters | 561,825 | 527,570 | 1,089,395 | 1,035,936 | 419,699 | 1,455,575 |
| Retaining walls, embankments and ripraping | - | 10,607 | 10,607 | 47,221 | 78,218 | 125,439 |
| Canals and waterways | - | - | - | - | 1,373 | 1,373 |
| Dredging | 427,458 | 96,887 | 524,345 | 383,853 | 124,507 | 508,360 |
| Pile driving | - | - | - | 5,942 | 913 | 6,855 |
| Works, unable to specify | 62,288 | 900 | 63,188 | 6,645 | 3,900 | 10,545 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | - | 6,721 | 6,721 | - | - | - |
| Bricklaying | 6,170 | 5,691 | 11,861 | 8,615 | 5,042 | 13,657 |
| Carpentry work | - | 67,826 | 67,826 | 12,611 | 105,658 | 118,269 |
| Electrical work | 31,762 | 93,144 | 124,906 | 48,942 | 91,294 | 140,236 |
| Flooring | - | - | - | - | 5,872 | 5,872 |
| Glass and glazing | - | - | - | - | 16,140 | 16,140 |
| Lathing, plastering and stucco | 8,121 | 8,413 | 16,534 | 4,410 | 8,213 | 12,623 |
| Ornamental iron work | - | - | - | - | 7,157 | 7,157 |
| Painting and decorating | 10,180 | 116,499 | 126,679 | 12,110 | 132,388 | 144,495 |
| Plumbing, heating and sanitary engineering | 147,057 | 383,991 | 531,048 | 155,016 | 355,498 | 510,514 |
| Roofing, all other | 2,577 | 29,897 | 32,474 | - | 18,271 | 18,271 |
| Sheet metal work other than roofing | 8,567 | 6,939 | 15,506 | 31,715 | - | 31,715 |
| Trades, unable to specify | 168,658 | 102,541 | 271,199 | 165,298 | 100,199 | 265,497 |
| TOTAL VALUE OF WORK PERFORMED .. | 12,156,383 | 5,882,304 | 18,038,687 | 13,480,929 | 6,409,520 | 19,890,449 |

Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 1,245,327 | 406,192 | 1,651,519 | 1,069,732 | 393,446 | 1,463,178 |
| Dwellings, semi-detached or double | 19,981 | 17,577 | 37,558 | 34,800 | 17,287 | 52,087 |
| Duplexes | 18,399 | - | 18,399 | 48,141 | 6,550 | 54,691 |
| Apartment houses | 25,345 | 34,540 | 59,885 | 42,295 | 40,009 | 82,304 |
| Hotels, clubs and restaurants, etc. | 30,638 | 42,769 | 73,407 | 21,673 | 21,906 | 43,579 |
| Churches and church halls | 128,965 | - | 128,965 | 83,652 | 25,994 | 109,646 |
| Hospitals and sanatoria | - | 15,942 | 15,942 | - | - | - |
| Schools, institutions, etc. | 319,506 | 24,903 | 344,409 | 441,388 | 59,463 | 500,851 |
| Office buildings | 73,290 | - | 73,290 | 107,977 | 103,628 | 211,605 |
| Stores | 272,724 | 50,283 | 353,007 | 151,495 | 88,846 | 240,341 |
| Theatres and amusement halls | 267,074 | - | 267,074 | - | 59,778 | 59,778 |
| Factories, warehouses & storehouses | - | - | - | 639,714 | - | 639,714 |
| Garages | 148,506 | 10,265 | 158,771 | 112,310 | 16,097 | 128,407 |
| Service stations | - | 97,821 | 97,821 | 87,509 | 117,281 | 204,790 |
| Farm buildings | - | 1,560 | 1,560 | - | - | - |
| Buildings, unable to specify | 1,224,360 | 571,884 | 1,796,244 | 684,422 | 533,252 | 1,217,674 |

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Table 27. - Description, Classification and Value of Work Performed in Nova Scotia by General and Trade Contractors (including Subcontractors) in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Engineering Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Hard surfaced or paved streets, highways, etc. | 2,002,527 | - | 2,002,527 | 1,466,595 | - | 1,466,595 |
| Gravel or stone surfaced streets, highways, etc. | 870,429 | - | 870,429 | 1,123,844 | - | 1,123,844 |
| Grading, scraping, oiling, filling, etc. | 229,809 | - | 229,809 | - | - | - |
| Bridges, viaducts, all types ... | 70,054 | - | 70,054 | - | - | - |
| Water mains and connections | - | - | - | 38,813 | - | 38,813 |
| Electric Stations, power plants, etc. | - | - | - | 287,421 | 31,579 | 319,000 |
| Aerodromes or landing fields ... | 615,139 | - | 615,139 | 1,390,757 | - | 1,390,757 |
| Engineering, unable to specify.. | 1,411,317 | 278,418 | 1,689,735 | 923,664 | 122,706 | 1,046,370 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 204,555 | 96,502 | 301,057 | 814,284 | 108,915 | 923,199 |
| Dredging | 344,276 | - | 344,276 | - | - | - |
| Works, unable to specify | 55,253 | 869 | 56,122 | 377,240 | 4,813 | 382,053 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | - | 6,721 | 6,721 | - | - | - |
| Bricklaying | 6,170 | 5,691 | 11,861 | 8,615 | 5,042 | 13,657 |
| Carpentry work | - | 67,826 | 67,826 | 12,611 | 105,658 | 118,269 |
| Electrical work | 31,762 | 93,144 | 124,906 | 48,942 | 91,294 | 140,236 |
| Flooring | - | - | - | - | 5,872 | 5,872 |
| Glass and glazing | - | - | - | - | 16,140 | 16,140 |
| Lathing, plastering and stucco.. | 8,121 | 8,413 | 16,534 | 4,410 | 8,213 | 12,623 |
| Ornamental iron work | - | - | - | - | 7,157 | 7,157 |
| Painting and decorating | 10,180 | 116,499 | 126,679 | 12,110 | 132,388 | 144,498 |
| Plumbing, heating and sanitary engineering | 147,057 | 383,991 | 531,048 | 155,016 | 355,498 | 510,514 |
| Roofing, all other | 2,577 | 29,897 | 32,474 | - | 18,271 | 18,271 |
| Sheet metal work, other than roofing | 8,567 | 6,939 | 15,506 | 31,715 | - | 31,715 |
| Trades, unable to specify | 168,658 | 102,541 | 271,199 | 165,298 | 100,199 | 265,497 |
| TOTAL VALUE OF WORK PERFORMED | 9,960,566 | 2,501,187 | 12,461,753 | 10,386,443 | 2,597,282 | 12,983,725 |

Table 28. - Description, Classification and Value of Work Performed in Nova Scotia by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|----------------|------------------|-------------------------------------|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Air conditioning | 14,096 | - | 14,096 | 17,800 | - | 17,800 |
| Bricklaying | 16,810 | - | 16,810 | 18,329 | 1,239 | 19,568 |
| Carpentry work | - | - | - | 19,594 | - | 19,594 |
| Concreting and cement work | - | - | - | 8,385 | - | 8,385 |
| Electrical work | 106,166 | 2,511 | 108,677 | 135,755 | 30,974 | 166,739 |
| Lathing, plastering and stucco .. | 53,786 | 8,359 | 62,145 | 93,185 | 10,923 | 104,108 |
| Painting & decorating | 20,603 | 16,011 | 36,614 | 44,404 | 11,143 | 55,547 |
| Plumbing, heating and sanitary engineering | 363,161 | 64,403 | 427,564 | 473,236 | 70,243 | 543,479 |
| Roofing, sheet metal | - | - | - | 3,670 | - | 3,670 |
| Roofing, all other | 16,984 | - | 16,984 | - | 12,583 | 12,583 |
| Sheet metal work, other than roofing | 5,546 | - | 5,546 | - | - | - |
| Tiling, marble and terrazzo | - | - | - | - | 3,408 | 3,408 |
| Work, unable to specify | 157,485 | 24,283 | 181,771 | 721,212 | 23,372 | 744,584 |
| TOTAL VALUE OF WORK PERFORMED | 754,640 | 115,567 | 870,207 | 1,535,580 | 163,885 | 1,699,465 |

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Table 29. - Description, Classification and Value of Work Performed in Nova Scotia by Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|---|----------------|---------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | \$ - | \$ 47,276 | \$ 47,276 | \$ 46,926 | \$ 20,452 | \$ 67,378 |
| Office buildings | 4,056 | 14,757 | 18,813 | 75,776 | 24,144 | 99,920 |
| Warehouses or storehouses | 11,383 | 77,031 | 88,414 | 72,841 | 55,009 | 127,850 |
| Garages | 29,914 | - | 29,914 | 40,964 | - | 40,964 |
| Elevators, grain | - | 4,575 | 4,575 | 1,739 | 6,318 | 8,057 |
| Farm buildings | 2,055 | 1,112 | 3,167 | 10,626 | - | 10,626 |
| Aeroplane hangars | - | - | - | 123,709 | - | 123,709 |
| Armouries and barracks | - | - | - | 472,235 | 372,860 | 845,095 |
| All other buildings and structures .. | 42,447 | 43,033 | 85,480 | 270,170 | 155,622 | 425,792 |
| Hard surfaced or paved streets, highways, etc. | 358,423 | 163,005 | 521,428 | 266,225 | 169,804 | 436,029 |
| Gravel and stone surfaced streets, highways, etc. | 601,033 | 1,224,665 | 1,825,698 | 681,505 | 1,335,755 | 2,017,290 |
| Dirt or clay roads | 200,000 | 646,007 | 846,007 | 200,000 | 545,728 | 745,728 |
| Grading, scraping, oiling, filling, etc. | - | 57,178 | 57,178 | - | 14,475 | 14,475 |
| Sidewalks | 6,064 | 17,018 | 23,082 | 20,048 | 15,515 | 35,563 |
| Roadside maintenance and area improvement | - | 15,024 | 15,024 | 2,003 | 18,796 | 20,799 |
| Bridges, viaducts, all types | 264,765 | 246,904 | 511,669 | 210,890 | 276,905 | 487,795 |
| Culverts | 31,201 | 1,814 | 33,015 | 39,981 | 2,816 | 42,797 |
| Storm sewers | 5,400 | 386 | 5,786 | 3,926 | 857 | 4,783 |
| tile drains, drainage ditches and open sewers | - | 5,194 | 5,194 | - | 1,541 | 1,541 |
| Fencing (excluding temporary snow fencing) | - | 673 | 673 | 6,401 | 2,784 | 9,185 |
| Signs | - | 6,302 | 6,302 | - | 5,692 | 5,692 |
| Zone painting | - | 15,910 | 15,910 | - | 16,101 | 16,101 |
| Watermains and connections | 71,119 | 107,805 | 178,924 | 90,398 | 125,477 | 215,875 |
| Sewers and connections | 38,156 | 17,931 | 56,087 | 63,260 | 13,743 | 77,003 |
| Reservoirs | - | 5,200 | 5,200 | - | 728 | 728 |
| Pole or distribution line, electric.. | 15,750 | 25,870 | 41,620 | 23,499 | 10,632 | 34,131 |
| Docks, wharves, piers, breakwaters .. | 357,270 | 431,068 | 788,338 | 221,652 | 310,724 | 532,376 |
| Retaining walls and riprappling | 7,035 | 10,407 | 17,442 | 40,921 | 78,218 | 119,139 |
| Canals and waterways | - | - | - | - | 1,373 | 1,373 |
| Aerodromes or landing fields | 23,216 | 7,134 | 30,350 | 23,315 | 508 | 23,823 |
| Dredging | 83,182 | 96,887 | 180,069 | 25,500 | 124,507 | 150,007 |
| Park systems, including grounds and walks | 16,890 | 8,622 | 25,512 | 17,783 | 11,512 | 29,295 |
| Telephone and telegraph lines | - | - | - | - | 14,000 | 14,000 |
| Works, unable to specify | 26,458 | 82,329 | 108,787 | 42,193 | 79,612 | 121,805 |
| TOTAL VALUE OF WORK PERFORMED .. | 2,195,817 | 3,381,117 | 5,576,934 | 3,094,486 | 3,812,238 | 6,906,724 |

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Table 30. - Cost of Materials Used in Nova Scotia by Municipalities, Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | 1939 |
|--|---------------|---------------|
| | Cost Value | Cost Value |
| | \$ | \$ |
| Lumber and timber, rough and dressed | 469,322 | 650,942 |
| Lumber and timber, creosoted or chemically treated | 115,523 | 274,423 |
| Piling, wood (including treated piling) | 25,189 | 38,138 |
| Piling, steel | - | 10,449 |
| Posts, wood | 4,106 | 3,911 |
| Posts, steel | 1,601 | 1,244 |
| Posts, other | - | 2,000 |
| Iron and steel shapes | 15,129 | 21,717 |
| Iron and steel forms | 144 | 2,511 |
| Iron and steel reinforcing | 189 | 7,330 |
| Hydrants | 2,648 | 2,588 |
| Manhole covers and frames | 3,501 | 4,513 |
| Pipe, metal | 22,774 | 40,266 |
| Pipe, concrete | 1,772 | 2,382 |
| Pipe, vitrified clay, etc. | 55,139 | 59,477 |
| Culverts | 44,722 | 71,382 |
| Rope or cable, wire | 3,697 | 10,011 |
| Rope, other | 6,331 | 2,559 |
| Wire netting or mesh | 116 | 3,831 |
| Electrical supplies | 32,943 | 66,069 |
| Plumbing and shop supplies | 20,331 | 68,763 |
| Lead and lead pipe | 3,335 | 6,137 |
| Pipe fittings | 9,222 | 57,358 |
| Valves | 3,458 | 10,512 |
| Hardware | 171,556 | 236,656 |
| Paint and painters' supplies | 24,385 | 34,327 |
| Explosives | 11,065 | 17,633 |
| Fencing materials (not to include posts) | 7,027 | 25,625 |
| Signs, metal | 2,136 | 3,846 |
| Brick | 4,842 | 10,073 |
| Stone, crushed and all other | 44,675 | 43,293 |
| Paving blocks | 1,100 | - |
| Gravel | 378,631 | 46,418 |
| Sand | 11,431 | 5,483 |
| Cement | 24,449 | 31,810 |
| Concrete, ready mix | 320 | 6,742 |
| Bituminous materials (not including oil) | 271,405 | 163,767 |
| Calcium chloride, salt and other chemicals | 105,761 | 107,865 |
| Oil, for road construction | 14,802 | 2,721 |
| Borrow pits, earth fill, cinders, etc. | 3,540 | 4,646 |
| Roofing materials | - | 29,905 |
| All other materials (unable to classify) | 368,784 | 970,845 |
| TOTAL COST OF MATERIALS | 2,287,101 | 3,160,168 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

NEW BRUNSWICK

Table 31 - Principal Statistics of the Construction Industry in New Brunswick in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| No. | No. | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>1938</u> | | | | | | | |
| General and Trade Contractors and Sub-contractors | 242 | 3,325 | 3,566,893 | 4,991,188 | 8,923,685 | 1,384,517 | 10,285,202 |
| Municipalities | 6 | 325 | 275,734 | 163,960 | 207,182 | 260,535 | 467,717 |
| The Harbours Board, Provincial and Dominion Government Departments.. | 7 | 2,821 | 2,003,267 | 1,642,431 | 2,964,873 | 1,254,028 | 4,218,901 |
| Totals | 255 | 6,471 | 5,845,894 | 6,797,579 | 12,095,740 | 2,879,080 | 14,974,820 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Sub-contractors | 263 | 2,920 | 3,062,177 | 4,478,141 | 7,415,505 | 1,793,421 | 9,211,926 |
| Municipalities | 6 | 295 | 266,661 | 195,929 | 254,657 | 232,047 | 456,704 |
| The Harbours Board, Provincial and Dominion Government Departments.. | 7 | 3,064 | 2,341,816 | 1,658,185 | 3,610,329 | 1,577,162 | 5,187,491 |
| Totals | 276 | 6,279 | 5,670,654 | 6,332,255 | 11,283,191 | 3,602,630 | 14,886,121 |

Table 32. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 369,682 | 73,090 | 442,772 | 338,069 | 115,607 | 453,676 |
| Dwellings, semi-detached or double.. | 31,586 | 27,851 | 59,467 | 22,887 | 11,819 | 34,736 |
| Apartment houses | - | 32,250 | 32,250 | - | 37,526 | 37,526 |
| Hotels, clubs, restaurants, etc. | - | 21,517 | 21,517 | - | 5,301 | 5,301 |
| Churches and church halls | 62,924 | - | 62,924 | - | 4,677 | 4,677 |
| Hospitals and sanatoria | - | 27,037 | 27,037 | - | - | - |
| Schools, institutions, etc. | - | 11,611 | 11,611 | 67,436 | 52,705 | 120,141 |
| Office buildings | 119,375 | 118,341 | 237,716 | 215,511 | 86,935 | 302,446 |
| Stores | 65,748 | - | 65,748 | - | 31,576 | 31,576 |
| Theatres and amusement halls | - | 3,742 | 3,742 | - | - | - |
| Factories, warehouses and store-houses | 597,264 | 26,359 | 623,623 | 436,694 | 49,954 | 466,648 |
| Grain elevators | 1,517 | 262 | 1,779 | - | 1,367 | 1,367 |
| Garages | 37,814 | 27,104 | 64,918 | 104,449 | 29,005 | 133,454 |
| Service stations | 99,097 | - | 99,097 | 69,491 | 70,715 | 140,206 |
| Farm buildings | - | 5,604 | 5,604 | 7,447 | 5,255 | 12,702 |
| Armouries and barracks | - | - | - | 92,486 | 83,790 | 176,276 |
| Buildings, unable to specify | 346,171 | 182,536 | 528,707 | 595,772 | 200,772 | 796,544 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

NEW BRUNSWICK

Table 32. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1935 and 1939. - Concluded.

| | 1935 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Engineering Construction | \$ | \$ | \$ | \$ | \$ | \$ |
| Hard surfaced or paved streets, highways, etc. | 5,503,809 | 37,450 | 5,541,259 | 3,619,649 | 43,766 | 3,663,415 |
| Gravel or stone surfaced streets, highways, etc. | 2,059,095 | 811,767 | 2,870,862 | 2,629,943 | 995,136 | 3,625,079 |
| Dirt or clay roads | - | 5,048 | 5,048 | 3,837 | 5,882 | 9,719 |
| Grading, scraping, oiling, filling, etc. | - | 15,125 | 15,125 | - | - | - |
| Sidewalks | 48,334 | 11,243 | 59,577 | 24,279 | 8,523 | 32,802 |
| Roadside maintenance and area improvement | 420,820 | 254,005 | 674,825 | - | 1,275 | 1,275 |
| Bridges, viaducts, all types | 556,499 | - | 556,499 | 1,013,848 | 495,960 | 1,509,808 |
| Subways, overhead crossings, etc. | - | - | - | 17,570 | 357 | 17,927 |
| Culverts | 184,080 | 370 | 184,450 | 106,070 | 2,445 | 108,515 |
| Water mains and connections | 98,805 | 90,475 | 189,280 | 77,338 | 96,923 | 174,261 |
| Sewers and connections | 6,027 | 19,234 | 25,261 | 18,914 | 9,467 | 28,381 |
| Storm sewers | 4,727 | 1,966 | 6,693 | 15,229 | 1,835 | 17,064 |
| Tile drains, drainage ditches and open sewers | 1,018 | 1,857 | 2,275 | 373 | 459 | 832 |
| Dams and reservoirs | - | - | - | - | 750 | 750 |
| Fencing (excluding temporary snow fencing) | - | 3,050 | 3,050 | - | 323 | 323 |
| Signs | 13,840 | 425 | 14,265 | 12,500 | 188 | 12,688 |
| Zone painting | - | 233 | 233 | - | 722 | 722 |
| Park systems, including grounds and walks | - | 9,661 | 9,661 | 1,625 | 9,872 | 11,497 |
| Telephone and telegraph lines | - | - | - | - | 4,748 | 4,748 |
| Engineering, unable to specify | 854,447 | 192,326 | 1,046,773 | 972,058 | 185,564 | 1,157,922 |
| Harbours, Rivers, etc. | | | | | | |
| Docks, wharves, piers and breakwaters | 274,978 | 252,714 | 527,692 | 378,734 | 194,242 | 572,976 |
| Retaining walls, embankments and rippling | 16,020 | 3,116 | 19,136 | 33,134 | - | 33,134 |
| Dredging | 88,960 | 84,049 | 173,009 | 134,255 | 220,982 | 355,237 |
| Works, unable to specify | - | - | - | 10,864 | 8,265 | 19,129 |
| Trade Construction | | | | | | |
| Bricklaying | 7,141 | - | 7,141 | - | 32,843 | 32,843 |
| Carpentry work | - | 47,998 | 47,998 | 9,492 | 55,117 | 64,609 |
| Concreting and cement work | - | - | - | - | 3,458 | 3,458 |
| Electrical work | 15,028 | 62,216 | 77,244 | 20,407 | 47,783 | 68,190 |
| Excavating | - | - | - | - | 2,550 | 2,550 |
| Flooring | - | 1,013 | 1,013 | 2,145 | 2,272 | 4,487 |
| Lathing, plastering and stucco | - | 15,754 | 15,754 | - | 12,053 | 12,053 |
| Masonry and stone work | - | - | - | - | 973 | 973 |
| Painting and decorating | 1,551 | 53,748 | 55,299 | 9,254 | 72,894 | 82,148 |
| Plumbing, heating and sanitary engineering | 69,831 | 224,855 | 294,686 | 133,821 | 226,117 | 359,938 |
| Roofing, sheet metal | - | 22,547 | 22,547 | - | 4,545 | 4,545 |
| Roofing, all other | - | - | - | - | 21,187 | 21,187 |
| Sheet metal work, other than roofing | 5,869 | 32,553 | 38,422 | 20,550 | 37,012 | 57,562 |
| Trades, unable to specify | 133,683 | 67,348 | 201,031 | 87,360 | 8,808 | 96,168 |
| TOTAL VALUE OF WORK PERFORMED | 12,095,740 | 2,879,080 | 14,974,820 | 11,283,491 | 3,602,630 | 14,886,121 |

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NEW BRUNSWICK

Table 33. - Description, Classification and Value of Work Performed in New Brunswick by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|---------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 369,682 | 69,314 | 438,996 | 333,826 | 114,860 | 448,686 |
| Dwellings, semi-detached or double .. | 31,586 | 27,851 | 59,467 | 22,857 | 11,849 | 34,736 |
| Apartment houses | - | 32,250 | 32,250 | - | 37,526 | 37,526 |
| Hotels, clubs, restaurants, etc. | - | 21,517 | 21,517 | - | 5,301 | 5,301 |
| Churches and church halls | 62,924 | - | 62,924 | - | 4,677 | 4,677 |
| Hospitals and sanatoria | - | 27,037 | 27,037 | - | - | - |
| Schools, institutions, etc. | - | 11,811 | 11,811 | 67,436 | 51,281 | 118,717 |
| Office buildings | 119,375 | 105,441 | 224,816 | - | - | - |
| Stores | 65,748 | - | 65,748 | - | 31,576 | 31,576 |
| Theatres and amusement halls | - | 3,742 | 3,742 | - | - | - |
| Factories, warehouses & storehouses.. | 584,473 | 14,129 | 598,602 | 408,004 | 39,210 | 447,214 |
| Garages | 37,689 | 6,882 | 44,571 | 102,224 | - | 102,224 |
| Service stations | 99,097 | - | 99,097 | 69,491 | - | 69,491 |
| Farm buildings | - | - | - | 7,447 | 5,255 | 12,702 |
| Buildings, unable to specify | 342,741 | 179,142 | 521,883 | 658,790 | 359,324 | 1,018,114 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 4,197,285 | - | 4,197,285 | 2,439,397 | - | 2,439,397 |
| Gravel or stone surfaced streets, highways, etc. | 1,027,330 | - | 1,027,330 | 1,208,989 | - | 1,208,989 |
| Bridges, viaducts, all types | 556,499 | - | 556,499 | 353,687 | - | 353,687 |
| Engineering, unable to specify | 858,241 | 262,371 | 1,120,612 | 971,202 | 441,856 | 1,413,058 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 248,952 | - | 248,952 | 349,401 | - | 349,401 |
| Dredging | 88,960 | - | 88,960 | 131,831 | - | 131,831 |
| Works, unable to specify | - | 74,968 | 74,968 | 10,864 | 165,314 | 176,178 |
| <u>Trade Construction</u> | | | | | | |
| Bricklaying | 7,141 | - | 7,141 | - | 32,843 | 32,843 |
| Carpentry work | - | 47,998 | 47,998 | 9,492 | 55,117 | 64,609 |
| Concreting and cement work | - | - | - | - | 3,458 | 3,458 |
| Electrical work | 15,028 | 62,216 | 77,244 | 20,407 | 47,783 | 68,190 |
| Flooring | - | 1,013 | 1,013 | 2,145 | 2,272 | 4,417 |
| Lathing, plastering and stucco | - | 15,754 | 15,754 | - | 12,053 | 12,053 |
| Masonry and stone work | - | - | - | - | 973 | 973 |
| Painting and decorating | 1,551 | 53,748 | 55,299 | 9,254 | 72,894 | 82,148 |
| Plumbing, heating and sanitary engineering | 69,531 | 224,855 | 294,686 | 133,821 | 226,117 | 359,938 |
| Roofing, sheet metal | - | - | - | - | 4,545 | 4,545 |
| Roofing, all other | - | 22,547 | 22,547 | - | 21,187 | 21,187 |
| Sheet metal work other than roofing .. | 5,869 | 32,553 | 38,422 | 20,550 | 37,012 | 57,562 |
| Trades, unable to specify | 133,683 | 67,348 | 201,031 | 87,360 | 9,138 | 96,495 |
| TOTAL VALUE OF WORK PERFORMED | 8,923,685 | 1,364,517 | 10,288,202 | 7,418,505 | 1,793,421 | 9,211,926 |

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NEW BRUNSWICK

Table 34. - Description, Classification and Value of Work Performed in New Brunswick by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|---|------------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Carpentry work | \$ - | \$ - | \$ - | \$ 7,589 | \$ - | \$ 7,589 |
| Concreting and cement work | 13,925 | - | 13,925 | - | - | - |
| Electrical work | 64,913 | 21,595 | 86,508 | 67,865 | 11,213 | 79,078 |
| Excavating | 2,865 | - | 2,865 | - | - | - |
| Lathing, plastering and stucco | 14,647 | - | 14,647 | - | - | - |
| Plumbing, heating and sanitary engineering | 114,513 | 47,957 | 162,470 | 109,452 | 62,960 | 172,412 |
| Painting and decorating | 9,149 | 7,473 | 16,622 | - | 5,621 | 5,621 |
| Roofing, sheet metal | 3,270 | - | 3,270 | - | - | - |
| Roofing, all other | 24,970 | 7,570 | 32,540 | - | - | - |
| Sheet metal work, other than roofing | 63,759 | 5,035 | 68,794 | 18,620 | 3,660 | 22,250 |
| Street and highway work | 379,946 | - | 379,946 | - | - | - |
| Structural steel work | 198,723 | - | 198,723 | - | - | - |
| Work, unable to specify | 92,584 | 21,221 | 113,805 | 158,389 | 120,863 | 279,252 |
| TOTAL VALUE OF WORK PERFORMED | 983,264 | 110,851 | 1,094,115 | 361,915 | 204,317 | 566,232 |

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | \$ - | \$ 3,776 | \$ 3,776 | \$ 4,243 | \$ 747 | \$ 4,990 |
| Office buildings | - | 12,900 | 12,900 | 37,743 | 2,500 | 40,243 |
| Warehouses or storehouses | 12,791 | 12,230 | 25,021 | 8,690 | 10,744 | 19,434 |
| Garages | - | 20,222 | 20,222 | 2,225 | 24,957 | 27,182 |
| Farm buildings | - | 1,978 | 1,978 | - | - | - |
| Elevators, grain | 1,517 | 262 | 1,779 | - | 1,367 | 1,367 |
| Schools, institutions, etc. | - | - | - | - | 1,424 | 1,424 |
| Armouries and barracks | - | - | - | 87,086 | 80,787 | 167,873 |
| All other buildings and structures | 3,555 | 7,020 | 10,575 | 120,150 | 3,649 | 123,799 |
| Hard surfaced or paved streets, highways, etc. | 1,306,524 | 23,950 | 1,330,474 | 1,180,252 | 17,267 | 1,197,519 |
| Gravel or stone surfaced streets, highways, etc. | 1,031,765 | 718,978 | 1,750,743 | 1,420,954 | 734,585 | 2,155,539 |
| Dirt or clay roads | - | 5,048 | 5,048 | 2,662 | 5,882 | 8,544 |
| Grading, scraping, oiling, filling, etc. | - | 15,125 | 15,125 | - | 17,425 | 17,425 |
| Sidewalks | 45,334 | 11,243 | 59,577 | 24,279 | 8,523 | 32,802 |
| Roadside maintenance and area improvement | 420,820 | 254,005 | 674,825 | - | 1,275 | 1,275 |
| Bridges, viaducts, all types | - | 4,006 | 4,006 | 660,161 | 495,960 | 1,156,121 |
| Subways, overhead crossings, etc. | - | - | - | 6,000 | 357 | 6,357 |
| Culverts | 166,080 | 370 | 166,450 | 106,070 | 2,445 | 108,515 |
| Storm sewers | 2,069 | 1,966 | 4,035 | 15,229 | 1,835 | 17,064 |
| Tile drains, drainage ditches and open sewers | 1,018 | 1,257 | 2,275 | 373 | 459 | 832 |
| Fencing (excluding temporary snow fencing) | - | 3,050 | 3,050 | - | 323 | 323 |
| Signs | 13,840 | 425 | 14,265 | 12,500 | 188 | 12,688 |
| Zone painting | - | 233 | 233 | - | 722 | 722 |
| Watermains and connections | 95,005 | 90,475 | 185,480 | 77,338 | 96,923 | 174,261 |
| Reservoirs | - | - | - | - | 750 | 750 |
| Sewers and connections | 6,027 | 18,334 | 24,361 | 18,849 | 9,467 | 28,316 |
| Pole or distribution lines, electric | - | 22,370 | 22,370 | 11,710 | 8,755 | 20,465 |
| Docks, wharves, piers, breakwaters | 26,026 | 193,999 | 220,025 | 29,333 | 188,906 | 218,239 |
| Retaining walls and ripraping | 16,020 | - | 16,020 | 33,134 | 1,115 | 34,249 |
| Aerodromes or landing fields | 18,777 | - | 18,777 | - | - | - |
| Dredging | - | 69,896 | 69,896 | 2,424 | 68,154 | 70,578 |
| Excavating | - | - | - | - | 2,220 | 2,220 |

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NEW BRUNSWICK

Table 35. - Description, Classification and Value of Work Performed in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Park systems, including grounds and walks | \$ - | \$ 9,661 | \$ 9,661 | \$ 1,625 | \$ 9,872 | \$ 11,497 |
| Telephone and telegraph lines | - | - | - | - | 4,745 | 4,745 |
| Works, unable to specify | 1,887 | 11,784 | 13,671 | 1,956 | 4,878 | 6,834 |
| TOTAL VALUE OF WORK PERFORMED ... | 3,172,055 | 1,514,563 | 4,686,618 | 3,864,986 | 1,809,209 | 5,674,195 |

Table 36. - Cost of Materials Used in New Brunswick by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | 1939 |
|--|------------|------------|
| | Cost Value | Cost Value |
| Lumber and timber, rough and dressed | \$ 177,425 | \$ 243,043 |
| Lumber and timber, creosoted or chemically treated | 255,510 | 317,364 |
| Piling, wood (including treated piling) | 9,678 | 10,424 |
| Piling, steel | - | 6,739 |
| Piling, other | - | 8,000 |
| Posts, wood | 10,065 | 765 |
| Posts, other | - | 419 |
| Iron and steel shapes | 1,577 | 3,574 |
| Iron and steel forms | 8,053 | 3,399 |
| Iron and steel reinforcing | 15,053 | 17,944 |
| Hydrants | 1,590 | 3,117 |
| Manhole covers and frames | 2,612 | 5,000 |
| Pipe, metal | 59,493 | 20,966 |
| Pipe, concrete | 1,603 | 39,732 |
| Pipe, vitrified clay, etc. | 5,697 | 6,609 |
| Culverts | 347 | 2,022 |
| Rope or cable, wire | 4,977 | 7,372 |
| Rope, other | 913 | 1,556 |
| Wire netting or mesh | 343 | 501 |
| Electric light standards | 2,016 | 653 |
| Electrical supplies | 2,907 | 10,988 |
| Plumbing and shop supplies | 7,803 | 18,884 |
| Lead and lead pipe | 1,260 | 2,464 |
| Pipe fittings | 8,767 | 4,660 |
| Valves | 3,733 | 3,616 |
| Hardware | 44,028 | 67,122 |
| Paint and painters' supplies | 12,034 | 5,441 |
| Explosives | 17,848 | 18,054 |
| Fencing materials (not to include posts) | 1,979 | 4,623 |
| Guard rail materials (not to include posts) | 1,700 | 1,500 |
| Brick | 677 | 3,196 |
| Stone, crushed and all other | 54,035 | 55,758 |
| Paving blocks | 1,191 | 1,386 |
| Gravel | 57,877 | 72,595 |
| Sand | 12,903 | 16,230 |
| Cement | 57,206 | 78,782 |
| Bituminous materials (not including oil) | 747,704 | 481,653 |
| Calcium chloride, salt and other chemicals | 18,533 | 20,742 |
| Oil, for road construction | 2,771 | 3,416 |
| Borrow pits, earth fill, cinders, etc. | 13,770 | 30,464 |
| Roofing materials | - | 5,768 |
| Materials, unable to classify | 180,713 | 247,273 |
| TOTAL COST OF MATERIALS | 1,806,391 | 1,854,114 |

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Table 37. - Principal Statistics of the Construction Industry in Quebec in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>1938</u> | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 2,479 | 29,234 | 30,952,425 | 44,105,454 | 60,893,715 | 21,393,139 | 82,291,854 |
| Municipalities | 37 | 4,826 | 3,526,170 | 1,701,201 | 3,159,917 | 2,205,528 | 5,365,445 |
| The Harbours Board | 5 | 457 | 503,242 | 152,656 | 203,769 | 628,760 | 837,529 |
| Provincial Government Departments | 5 | 11,292 | 7,803,255 | 2,431,568 | 4,658,696 | 6,659,884 | 11,318,580 |
| Dominion Government Departments | 5 | 797 | 730,524 | 282,050 | 161,794 | 855,401 | 1,017,195 |
| Totals | 2,531 | 46,606 | 43,516,616 | 48,672,929 | 69,087,891 | 31,742,712 | 100,830,603 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 2,748 | 29,521 | 32,395,051 | 50,343,361 | 68,718,947 | 20,991,828 | 89,710,775 |
| Municipalities | 47 | 3,622 | 3,547,080 | 1,607,911 | 3,042,609 | 2,331,052 | 5,373,661 |
| The Harbours Board | 5 | 577 | 532,108 | 246,005 | 283,095 | 655,604 | 938,699 |
| Provincial Government Departments | 7 | 19,242 | 13,969,949 | 4,748,239 | 11,360,660 | 7,395,999 | 18,756,659 |
| Dominion Government Departments | 5 | 2,799 | 2,157,664 | 1,576,354 | 2,382,035 | 1,367,351 | 3,749,886 |
| Totals | 2,812 | 55,721 | 52,601,852 | 58,522,370 | 85,787,346 | 32,742,334 | 118,529,680 |

Table 38. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 2,984,901 | 1,179,351 | 4,164,252 | 4,255,328 | 1,227,890 | 5,483,218 |
| Dwellings, semi-detached or double | 1,260,241 | 402,009 | 1,662,250 | 1,748,668 | 512,284 | 2,260,952 |
| Duplexes | 2,192,877 | 506,323 | 2,699,200 | 2,269,339 | 491,594 | 2,760,933 |
| Apartment houses | 2,558,851 | 524,051 | 3,082,902 | 3,392,080 | 895,888 | 4,287,968 |
| Hotels, clubs, restaurants, etc. | 666,360 | 264,444 | 930,804 | 858,915 | 257,377 | 1,116,292 |
| Churches and church halls | 1,260,017 | 481,216 | 1,741,233 | 927,507 | 354,275 | 1,281,782 |
| Hospitals and sanatoria | 1,661,746 | 117,983 | 1,769,729 | 1,988,557 | 295,489 | 2,284,046 |
| Schools, institutions, etc. | 5,058,396 | 1,720,369 | 6,778,765 | 5,820,271 | 946,748 | 6,767,019 |
| Office buildings | 1,117,378 | 698,274 | 1,815,652 | 2,901,362 | 913,116 | 3,814,478 |
| Stores | 1,514,186 | 1,113,339 | 2,627,525 | 641,971 | 774,790 | 1,416,761 |
| Theatres and amusement halls | 601,530 | 97,585 | 699,115 | 812,910 | 123,109 | 936,019 |
| Factories, warehouses & storahouses.. | 5,922,002 | 2,650,837 | 8,572,839 | 10,055,363 | 2,720,270 | 12,775,633 |
| Grain elevators | - | 141,438 | 141,438 | 15,911 | 137,995 | 153,906 |
| Garages | 374,713 | 295,947 | 670,660 | 332,988 | 153,075 | 486,063 |
| Service stations | 239,244 | 334,164 | 573,408 | 343,236 | 153,157 | 796,393 |
| Mine buildings | 593,417 | 146,072 | 739,489 | 626,735 | 349,121 | 975,556 |
| Farm buildings | 45,609 | 37,427 | 83,036 | 116,389 | 86,095 | 202,484 |
| Armouries and barracks | - | - | - | 426,150 | 246,508 | 672,658 |
| Radio stations | - | - | - | 14,213 | - | 14,213 |
| Buildings, unable to specify | 592,850 | 558,640 | 1,151,490 | 1,481,192 | 808,624 | 2,289,816 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 5,153,073 | 1,501,000 | 6,654,073 | 6,899,405 | 1,650,073 | 8,549,478 |
| Gravel or stone surfaced streets, highways, etc. | 8,417,682 | 3,287,341 | 11,705,023 | 7,364,254 | 3,600,986 | 10,965,240 |
| Dirt or clay roads | 1,319,098 | 252,881 | 1,571,979 | 582,325 | 68,800 | 651,125 |
| Grading, scraping, ciling, filling, etc. | 992,604 | 1,602,975 | 2,595,579 | 1,787,396 | 2,078,335 | 3,865,731 |
| Sidewalks | 30,271 | 1,277,277 | 1,587,548 | 249,902 | 215,385 | 465,287 |
| Roadside maintenance and area improvement | 5,758 | 25,116 | 30,874 | 86,818 | 948,612 | 1,035,430 |

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Table 38. - Description, Classification and Value of Work Performed in Quebec by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|-------------------|---|--------------------|-------------------|---|--------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Engineering Construction - concluded</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Bridges, viaducts, all types | 3,841,074 | 551,572 | 4,392,646 | 2,358,618 | 554,954 | 2,913,602 |
| Subways, overhead crossings, etc. . | 178,490 | 32,011 | 210,501 | 243,375 | 13,293 | 256,666 |
| Culverts | 461,870 | 166,021 | 627,891 | 343,953 | 229,800 | 573,753 |
| Watermains and connections | 1,205,979 | 408,000 | 1,613,979 | 714,948 | 802,595 | 1,517,543 |
| Sewers and connections | 1,256,133 | 78,645 | 1,334,778 | 1,864,912 | 219,952 | 2,084,894 |
| Storm sewers | 1,009,980 | 121,573 | 1,131,553 | 564,555 | 98,322 | 662,577 |
| Tile drains, drainage ditches and open sewers | 14,234 | 50,080 | 64,314 | 149,975 | 91,628 | 241,603 |
| Dams and reservoirs | - | 187,860 | 187,860 | 445,787 | 596,905 | 1,042,692 |
| Fencing (excluding temporary snow fencing) | 10,545 | 13,485 | 24,030 | 30,413 | 11,768 | 42,181 |
| Guard rails | 30,094 | 11,588 | 41,682 | 48,709 | 14,339 | 63,046 |
| Signs | 30,020 | 3,976 | 33,996 | 39,461 | 10,969 | 50,430 |
| Zone painting | 1,256 | 3,611 | 4,867 | 4,566 | 3,299 | 7,805 |
| Electric stations, power plants, etc. . | 2,740,055 | 298,150 | 3,038,205 | 6,120,140 | 246,871 | 6,367,011 |
| Transmission lines and towers | 2,419,775 | 888,794 | 3,308,569 | 2,075,398 | 771,834 | 2,847,232 |
| Installation of boilers & machinery | 229,013 | - | 229,013 | - | - | - |
| Railway (steam) construction work.. | - | 180,602 | 180,602 | 627,519 | 151,993 | 779,512 |
| Aerodromes or landing fields | 164,218 | 34,037 | 198,255 | 400,849 | 15,721 | 416,570 |
| Park systems, including grounds and walks | 274,215 | 120,469 | 394,684 | 1,223,323 | 156,320 | 1,379,643 |
| Telephone and telegraph lines | - | - | - | 5,450 | 29,266 | 34,716 |
| Engineering, unable to specify | 2,089,849 | 194,405 | 2,284,054 | 655,782 | 420,461 | 1,076,243 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers & breakwaters.. | 895,193 | 1,187,527 | 2,082,720 | 1,709,468 | 647,601 | 2,357,069 |
| Retaining walls, embankments and ripraping | 192,262 | 390,154 | 586,416 | 1,445,434 | 81,312 | 1,526,746 |
| Canals and waterways | 32,851 | 100,893 | 133,744 | 93,232 | 92,855 | 186,087 |
| Dredging | 2,926,838 | - | 2,926,838 | - | 175,067 | 175,067 |
| Pile driving | 35,391 | - | 35,391 | 67,577 | - | 67,577 |
| Works, unable to specify | 8,782 | 417,520 | 426,302 | 3,312,217 | - | 3,312,217 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 119,244 | 11,243 | 130,487 | 23,095 | 20,143 | 43,238 |
| Bricklaying | 79,306 | 205,816 | 285,122 | 79,297 | 181,124 | 260,421 |
| Carpentry work | 57,490 | 275,248 | 332,738 | 96,365 | 204,492 | 300,857 |
| Commercial refrigeration | 36,561 | 66,378 | 103,039 | 83,228 | - | 83,228 |
| Concreting and cement work | 101,976 | 68,903 | 170,879 | 213,141 | 52,142 | 265,283 |
| Electrical work | 438,433 | 770,038 | 1,208,471 | 407,611 | 659,412 | 1,067,023 |
| Elevators, service | 175,382 | 291,453 | 466,835 | 185,402 | 308,200 | 493,602 |
| Excavating | 315,635 | 15,224 | 330,859 | 979,076 | 79,161 | 1,058,237 |
| Flooring | 65,101 | 104,343 | 169,444 | 75,208 | 92,617 | 167,825 |
| Glass and glazing | 102,135 | 185,057 | 287,192 | 106,475 | 257,967 | 364,442 |
| Lathing, plastering and stucco | 80,665 | 111,362 | 192,027 | 64,844 | 75,985 | 140,829 |
| Masonry and stone work | 30,350 | 57,038 | 87,388 | 5,906 | 32,176 | 38,082 |
| Ornamental iron work | 69,078 | 70,332 | 139,410 | 114,190 | 77,058 | 191,248 |
| Painting and decorating | 51,742 | 1,032,304 | 1,084,046 | 69,851 | 1,103,758 | 1,173,609 |
| Plumbing, heating and sanitary engineering | 1,016,894 | 2,628,943 | 3,645,837 | 965,021 | 2,518,279 | 3,483,300 |
| Roofing, sheet metal | 112,952 | 201,402 | 314,354 | 65,695 | 200,080 | 265,775 |
| Roofing, all other | 270,464 | 403,151 | 673,615 | 218,223 | 446,991 | 665,214 |
| Sheet metal work, other than roofing | 352,269 | 250,087 | 602,356 | 382,250 | 215,997 | 598,247 |
| Sprinkler installation | 154,233 | 24,503 | 178,736 | 401,537 | 20,738 | 422,275 |
| Structural steel work | - | - | - | 465,504 | 58,374 | 523,878 |
| Tiling, marble and terrazzo | 59,746 | 125,094 | 184,840 | 110,855 | 104,855 | 215,710 |
| Weatherstripping and insulation ... | 138,138 | 110,087 | 248,225 | 47,580 | 73,757 | 121,367 |
| Wrecking and demolition | - | 31,216 | 31,216 | - | 28,009 | 28,009 |
| Trades, unable to specify | 375,276 | 46,458 | 421,734 | 82,146 | 184,268 | 266,414 |
| TOTAL VALUE OF WORK PERFORMED .. | 69,087,891 | 31,742,712 | 100,830,603 | 85,787,346 | 32,742,334 | 118,529,680 |

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Table 39. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 2,972,810 | 1,095,182 | 4,067,992 | 4,216,956 | 1,206,925 | 5,423,881 |
| Dwellings, semi-detached or double | 1,260,241 | 402,009 | 1,662,250 | 1,748,668 | 512,284 | 2,260,952 |
| Duplexes | 2,192,877 | 506,323 | 2,699,200 | 2,269,339 | 491,594 | 2,760,933 |
| Apartment houses | 2,558,851 | 524,051 | 3,082,902 | 3,392,080 | 895,888 | 4,287,968 |
| Hotels, clubs, restaurants, etc. | 666,360 | 264,444 | 930,804 | 858,915 | 257,377 | 1,116,292 |
| Churches and church halls | 1,260,017 | 481,216 | 1,741,233 | 927,507 | 354,275 | 1,281,782 |
| Hospitals and sanatoria | 1,651,746 | 114,846 | 1,766,592 | 1,988,557 | 295,489 | 2,284,046 |
| Schools, institutions, etc. | 5,050,882 | 1,720,369 | 6,771,251 | 5,795,271 | 946,748 | 6,742,019 |
| Office buildings | 1,074,643 | 534,607 | 1,609,250 | 2,830,010 | 852,171 | 3,682,181 |
| Stores | 1,514,186 | 1,113,339 | 2,627,525 | 641,971 | 774,790 | 1,416,761 |
| Theatres and amusement halls | 166,050 | 97,055 | 263,105 | 221,300 | 122,161 | 343,461 |
| Factories, warehouses & storehouses .. | 5,846,112 | 2,388,330 | 8,234,442 | 9,903,737 | 2,536,337 | 12,440,074 |
| Grain elevators | - | - | - | 12,635 | 3,000 | 15,635 |
| Garages | 332,903 | 100,483 | 433,386 | 261,120 | 57,905 | 322,025 |
| Service stations | 239,244 | 334,164 | 573,408 | 343,236 | 453,157 | 796,393 |
| Mine buildings | 593,417 | 146,072 | 739,489 | 626,735 | 349,121 | 975,856 |
| Farm buildings | 36,375 | 30,992 | 67,367 | 101,490 | 83,782 | 185,272 |
| Radio stations | - | - | - | 14,213 | - | 14,213 |
| Buildings, unable to specify | 524,508 | 412,356 | 936,864 | 183,315 | 338,679 | 521,994 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 3,976,416 | 488,727 | 4,465,143 | 4,370,393 | 644,556 | 5,014,949 |
| Gravel or stone surfaced streets, highways, etc. | 6,128,612 | 474,729 | 6,603,341 | 5,198,664 | 680,083 | 5,878,747 |
| Dirt or clay roads | 828,997 | 104,518 | 933,515 | 443,179 | 36,100 | 479,279 |
| Grading, scraping, oiling, filling, etc. | 465,036 | - | 465,036 | 708,453 | 140,981 | 1,149,434 |
| Sidewalks | 162,130 | 4,563 | 166,693 | 60,105 | 2,679 | 62,784 |
| Bridges, viaducts, all types | 3,572,362 | 140,357 | 3,712,719 | 1,503,500 | 163,550 | 1,667,050 |
| Subways, overhead crossings, etc. | 172,539 | - | 172,539 | - | - | - |
| Culverts | 272,371 | - | 272,371 | 218,602 | 2,312 | 220,914 |
| Water mains and connections | 740,410 | 16,167 | 756,577 | - | - | - |
| Sewers and connections | - | - | - | 412,925 | 5,527 | 418,452 |
| Storm sewers | 509,172 | - | 509,172 | - | - | - |
| Dams and reservoirs | - | 111,741 | 111,741 | 335,220 | 476,768 | 811,988 |
| Electric stations, power plants, etc. | 2,740,055 | 275,571 | 3,015,626 | 6,118,561 | 215,881 | 6,334,442 |
| Installation of boilers and machinery | 229,013 | - | 229,013 | - | - | - |
| Transmission lines and towers | 2,393,193 | 624,890 | 3,018,083 | 2,040,693 | 564,164 | 2,604,557 |
| Railway (steam) construction work | - | - | - | 542,034 | - | 542,034 |
| Aerodromes or landing fields | - | - | - | 400,849 | - | 400,849 |
| Fencing (excluding temporary snow fencing) | 4,329 | - | 4,329 | - | - | - |
| Engineering, unable to specify | 3,052,062 | 267,218 | 3,319,280 | 869,930 | 116,258 | 986,188 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers & breakwaters .. | 827,573 | 1,114,783 | 1,942,356 | 1,510,979 | - | 1,510,979 |
| Retaining walls, embankments and ripraping | 78,696 | - | 78,696 | 90,701 | 25,938 | 116,639 |
| Dredging | 2,813,585 | - | 2,813,585 | - | 16,489 | 16,489 |
| Pile driving | 35,391 | - | 35,391 | 67,577 | - | 67,577 |
| Works, unable to specify | 25,782 | 427,882 | 453,664 | 3,202,269 | 148,617 | 3,350,886 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 119,244 | 11,243 | 130,487 | 23,095 | 20,143 | 43,238 |
| Bricklaying | 79,306 | 205,816 | 285,122 | 79,297 | 181,124 | 260,421 |
| Carpentry work | 57,490 | 275,218 | 332,738 | 96,365 | 204,492 | 300,857 |
| Commercial refrigeration | 36,661 | 66,378 | 103,039 | 83,228 | - | 83,228 |
| Concreting and cement work | 101,976 | 68,903 | 170,879 | 213,141 | 52,142 | 265,283 |
| Electrical work | 438,433 | 770,038 | 1,208,471 | 407,611 | 659,412 | 1,067,023 |
| Elevators, service | 175,382 | 291,453 | 466,835 | 185,402 | 308,200 | 493,602 |
| Excavating | 42,234 | 5,699 | 47,933 | 20,834 | 3,790 | 24,624 |
| Flooring | 65,101 | 104,343 | 169,444 | 75,208 | 92,617 | 167,825 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

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Table 39. - Description, Classification and Value of Work Performed in Quebec, by General and Trade Contractors (including Subcontractors) in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|-------------------|-------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Trade Construction - concluded.</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Glass and glazing | 102,135 | 165,057 | 267,192 | 106,475 | 257,967 | 364,442 |
| Lathing, plastering and stucco | 80,665 | 111,362 | 192,027 | 64,844 | 75,985 | 140,829 |
| Masonry and stone work | 30,350 | 57,038 | 87,388 | 5,906 | 32,176 | 38,082 |
| Ornamental iron work | 69,078 | 70,332 | 139,410 | 114,190 | 77,058 | 191,248 |
| Painting and decorating | 51,742 | 1,032,304 | 1,084,046 | 69,851 | 1,103,758 | 1,173,609 |
| Plumbing, heating and sanitary engineering | 1,016,894 | 2,628,943 | 3,645,837 | 965,021 | 2,515,279 | 3,453,300 |
| Roofing, sheet metal | 112,952 | 201,402 | 314,354 | 65,695 | 200,080 | 265,775 |
| Roofing, all other | 270,464 | 403,151 | 673,615 | 218,223 | 446,991 | 665,214 |
| Sheet metal work, other than roofing .. | 352,269 | 250,087 | 602,356 | 382,250 | 215,997 | 598,247 |
| Sprinkler installation | 154,233 | 24,503 | 178,736 | 401,537 | 20,738 | 422,275 |
| Structural steel work | - | - | - | 465,504 | 58,374 | 523,878 |
| Tiling, marble and terrazzo | 59,746 | 125,094 | 184,840 | 110,855 | 104,855 | 235,710 |
| Weatherstripping and insulation | 138,138 | 110,087 | 248,225 | 47,580 | 73,787 | 121,367 |
| Wrecking and demolition | - | 31,216 | 31,216 | - | 28,009 | 28,009 |
| Trades, unable to specify | 375,276 | 46,458 | 421,734 | 52,146 | 184,268 | 266,414 |
| TOTAL VALUE OF WORK PERFORMED | 60,895,715 | 21,393,139 | 82,291,854 | 68,718,947 | 20,991,525 | 89,710,775 |

Table 40. - Description, Classification and Value of Work Performed in Quebec by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|-------------------|-------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Air conditioning | \$ | \$ | \$ | \$ | \$ | \$ |
| Bricklaying | 83,562 | 26,811 | 110,673 | 108,292 | 18,799 | 127,091 |
| Carpentry work | 331,266 | 57,124 | 388,390 | 420,118 | 121,740 | 541,558 |
| Concreting and cement work | 169,413 | 40,096 | 209,509 | 224,259 | 25,053 | 249,312 |
| Electrical work | 335,196 | 116,655 | 451,351 | 245,730 | 95,198 | 340,928 |
| Elevators, service | 944,168 | 288,079 | 1,232,247 | 1,134,296 | 358,232 | 1,492,528 |
| Excavating | 103,354 | - | 103,354 | 138,564 | - | 138,564 |
| Flooring | 182,170 | 2,322 | 184,492 | 331,380 | - | 331,380 |
| Glass and glazing | 121,148 | 82,266 | 203,414 | 156,143 | 79,669 | 235,812 |
| Lathing, plastering and stucco | 203,353 | 142,441 | 345,794 | 306,212 | 164,999 | 471,211 |
| Masonry and stone work | 626,526 | 153,629 | 780,155 | 925,015 | 116,075 | 1,041,090 |
| Ornamental iron work | 165,014 | 19,613 | 184,627 | 184,463 | 17,465 | 201,928 |
| Painting and decorating | 250,057 | 112,030 | 362,087 | 337,967 | 106,916 | 444,883 |
| Plumbing, heating and sanitary engineering | 302,990 | 300,539 | 603,529 | 255,255 | 318,246 | 573,501 |
| Roofing, sheet metal | 1,641,683 | 748,358 | 2,390,041 | 2,437,756 | 723,811 | 3,161,567 |
| Roofing, all other | 204,279 | 53,063 | 257,342 | 243,301 | 55,263 | 328,564 |
| Sheet metal work (other than roofing) | 240,917 | 85,677 | 326,594 | 501,816 | 182,207 | 684,023 |
| Sprinkler installation | 192,734 | 66,225 | 258,959 | 407,072 | 49,387 | 456,459 |
| Street and highway work | - | 12,859 | 12,859 | 325,100 | 30,977 | 356,077 |
| Structural steel work | 1,108,909 | 9,308 | 1,118,217 | 187,966 | 8,996 | 196,962 |
| Tiling, marble and terrazzo | 4,512,043 | 215,439 | 4,727,482 | 6,087,208 | 151,967 | 6,279,175 |
| Weatherstripping and insulation | 485,709 | 146,569 | 632,278 | 934,670 | 143,002 | 1,077,672 |
| Wrecking and demolition | 156,537 | 57,507 | 214,044 | 107,710 | 46,610 | 154,320 |
| Work, unable to specify | 1,183,780 | 306,789 | 1,490,569 | 788,619 | 51,857 | 51,857 |
| TOTAL VALUE OF WORK PERFORMED | 13,545,108 | 3,043,399 | 16,588,507 | 16,788,912 | 3,546,502 | 20,335,414 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

QUEBEC

Table 41. - Description, Classification and Value of Work Performed in Quebec, by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|-------------------|---------------------|---|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings | 12,091 | 84,169 | 96,260 | 38,372 | 20,965 | 59,337 |
| Office buildings | 42,735 | 163,667 | 206,402 | 71,352 | 60,945 | 132,297 |
| Warehouses or storehouses | 75,890 | 261,419 | 337,309 | 151,626 | 183,933 | 335,559 |
| Garages | 41,810 | 195,464 | 237,274 | 68,868 | 95,170 | 164,038 |
| Elevators, grain | - | 135,665 | 135,665 | 3,276 | 134,995 | 138,271 |
| Schools, institutions, etc. | 7,514 | - | 7,514 | 25,000 | - | 25,000 |
| Hospitals and sanatoria | - | 3,137 | 3,137 | - | - | - |
| Theatres and amusement halls | 435,480 | - | 435,480 | 591,610 | 948 | 592,558 |
| Factories | - | 1,088 | 1,088 | - | - | - |
| Farm buildings | 9,234 | 6,435 | 15,669 | 14,899 | 2,313 | 17,212 |
| Armouries and barracks | - | - | - | 426,150 | 240,752 | 666,902 |
| All other buildings and structures | 68,342 | 152,057 | 220,399 | 1,297,877 | 475,701 | 1,773,578 |
| Hard surfaced or paved streets, highways, etc. | 1,176,657 | 1,012,273 | 2,188,930 | 2,529,012 | 1,005,517 | 3,534,529 |
| Gravel or stone surfaced streets, highways, etc. | 2,289,070 | 2,812,612 | 5,101,682 | 2,165,590 | 2,920,903 | 5,086,493 |
| Dirt or clay roads | 490,101 | 148,363 | 638,464 | 139,146 | 32,700 | 171,845 |
| Grading, scraping, oiling, filling, etc. | 527,568 | 1,483,057 | 2,010,625 | 1,078,943 | 1,637,354 | 2,716,297 |
| Sidewalks | 148,141 | 1,272,714 | 1,420,855 | 189,797 | 212,706 | 402,503 |
| Roadside maintenance and area improvement | 5,758 | 25,116 | 30,874 | 86,818 | 948,612 | 1,035,430 |
| Bridges, viaducts, all types | 268,712 | 411,215 | 679,927 | 855,118 | 391,434 | 1,246,552 |
| Subways, overhead crossings, etc. | 5,951 | 15,848 | 21,799 | 121,924 | 13,293 | 135,217 |
| Culverts | 189,499 | 166,021 | 355,520 | 125,351 | 227,488 | 352,839 |
| Storm sewers | 500,808 | 121,573 | 622,381 | 286,079 | 98,322 | 384,401 |
| Tile drains, drainage ditches and open sewers | 14,234 | 50,080 | 64,314 | 149,975 | 91,628 | 241,603 |
| Fencing (excluding temporary snow fencing) | 6,216 | 13,328 | 19,544 | 24,035 | 11,432 | 35,467 |
| Guard rails | 28,575 | 11,588 | 40,163 | 44,390 | 14,339 | 58,729 |
| Signs | 30,020 | 3,976 | 33,996 | 39,461 | 10,969 | 50,430 |
| Zone painting | 1,256 | 3,611 | 4,867 | 4,566 | 3,239 | 7,805 |
| Water mains and connections | 465,569 | 391,833 | 857,402 | 641,056 | 779,773 | 1,420,829 |
| Reservoirs | - | 925 | 925 | 48,965 | 8,730 | 57,695 |
| Sewers and connections | 284,792 | 74,960 | 359,752 | 1,451,987 | 214,455 | 1,666,442 |
| Electric stations and power plants | - | 22,579 | 22,579 | 1,579 | 30,990 | 32,569 |
| Pole or distribution lines, electric .. | 26,582 | 263,904 | 290,486 | 34,705 | 207,570 | 242,375 |
| Docks, wharves, piers and breakwaters.. | 67,620 | 72,744 | 140,364 | 198,489 | 498,984 | 697,473 |
| Retaining walls and riprappling | 117,566 | 324,037 | 441,603 | 1,354,733 | 55,374 | 1,410,107 |
| Canal reaches | - | 24,708 | 24,708 | 58,768 | 25,260 | 84,028 |
| Canal locks | - | 75,032 | 75,032 | 10,500 | 60,741 | 71,241 |
| Canal gates | 15,851 | 1,153 | 17,004 | 23,964 | 6,854 | 30,818 |
| Water control or dams | 25,477 | 75,194 | 100,671 | 61,602 | 111,407 | 173,009 |
| Aerodromes or landing fields | 73,218 | 34,037 | 107,255 | - | 15,721 | 15,721 |
| Dredging | 113,253 | 55,755 | 169,008 | 109,948 | 158,578 | 268,526 |
| Excavating | 273,401 | 9,525 | 282,926 | 958,242 | 75,371 | 1,033,613 |
| Park systems, including grounds and walks | 274,215 | 120,469 | 394,684 | 1,213,573 | 156,320 | 1,369,893 |
| Underground conduits | - | - | - | 911 | - | 911 |
| Railway (steam) construction work | 6,031 | 177,976 | 184,007 | 85,485 | 141,232 | 226,717 |
| Telephone and telegraph lines | - | - | - | 5,450 | 29,266 | 34,716 |
| Works, unable to specify | 69,939 | 70,266 | 140,205 | 279,207 | 338,122 | 617,329 |
| TOTAL VALUE OF WORK PERFORMED | 8,189,176 | 10,349,573 | 18,538,749 | 17,068,399 | 11,750,506 | 28,818,905 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

QUEBEC

Table 42. - Cost of Materials Used in Quebec by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | 1939 |
|--|------------|------------|
| | Cost Value | Cost Value |
| | \$ | \$ |
| Lumber and timber, rough and dressed | 716,527 | 965,040 |
| Lumber and timber, creosoted or chemically treated | 62,067 | 62,483 |
| Piling, wood (including treated piling) | 2,476 | 24,512 |
| Piling, steel | 7,023 | 40,447 |
| Piling, other | - | 6,221 |
| Posts, wood | 19,617 | 15,195 |
| Posts, steel | 9,983 | 2,029 |
| Posts, other | 5,465 | 1,882 |
| Iron and steel shapes | 55,956 | 195,965 |
| Iron and steel forms | 22,502 | 27,973 |
| Iron and steel reinforcing | 39,853 | 58,436 |
| Hydrants | 20,863 | 22,606 |
| Manhole covers and frames | 34,849 | 39,714 |
| Pipe, metal | 162,559 | 345,818 |
| Pipe, concrete | 114,735 | 141,385 |
| Pipe, vitrified clay, etc. | 46,706 | 125,871 |
| Culverts | 73,969 | 78,269 |
| Rope or cable, wire | 13,891 | 32,367 |
| Rope, other | 6,298 | 4,280 |
| Wire netting or mesh | 10,265 | 30,430 |
| Electric light standards | 12,455 | 17,559 |
| Electrical supplies | 117,521 | 307,004 |
| Plumbing and shop supplies | 38,476 | 169,055 |
| Lead and lead pipe | 68,371 | 29,663 |
| Pipe fittings | 33,054 | 53,745 |
| Valves | 25,514 | 47,176 |
| Hardware | 251,776 | 331,396 |
| Paint and painters' supplies | 70,686 | 93,079 |
| Explosives | 50,494 | 94,774 |
| Fencing materials (not to include posts) | 22,057 | 15,426 |
| Guard rail materials (not to include posts) | 4,283 | 14,957 |
| Signs, metal | 26,039 | 37,151 |
| Brick | 39,120 | 48,944 |
| Stone, crushed and all other | 335,510 | 913,721 |
| Paving blocks | 123,697 | 7,124 |
| Gravel | 345,040 | 536,621 |
| Sand | 57,541 | 135,611 |
| Cement | 323,457 | 557,761 |
| Concrete, ready mix | 4,407 | 34,719 |
| Bituminous materials (not including oil) | 802,031 | 1,448,350 |
| Calcium chloride, salt and other chemicals | 206,072 | 287,583 |
| Oil, for road construction | 18,328 | 15,190 |
| Borrow pits, earth fill, cinders, etc. | 29,672 | 99,612 |
| Roofing materials | - | 42,460 |
| All other materials, unable to classify | 136,270 | 589,105 |
| TOTAL COST OF MATERIALS USED | 4,567,475 | 8,179,009 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

ONTARIO

Table 43. - Principal Statistics of the Construction Industry in Ontario in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|--------------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| 1938 | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 6,603 | 42,303 | 48,833,402 | 68,196,221 | 90,740,945 | 35,980,281 | 126,721,226 |
| Municipalities | 125 | 6,153 | 6,285,044 | 3,399,836 | 4,040,772 | 6,833,498 | 10,874,270 |
| Provincial Government Departments | 3 | 7,480 | 4,375,207 | 5,160,955 | 6,297,305 | 3,460,984 | 9,758,289 |
| The Harbours Board | 3 | 164 | 215,783 | 144,672 | 185,506 | 231,580 | 417,086 |
| Dominion Government Departments | 5 | 2,010 | 2,155,454 | 1,497,437 | 1,851,896 | 1,813,075 | 3,664,971 |
| Totals | 6,739 | 58,110 | 61,864,890 | 78,399,121 | 103,116,424 | 48,319,418 | 151,435,842 |
| 1939 | | | | | | | |
| General and Trade Contractors and Subcontractors | 6,590 | 38,310 | 44,193,820 | 66,892,350 | 87,746,326 | 33,555,087 | 121,301,413 |
| Municipalities | 122 | 5,677 | 5,986,666 | 3,289,474 | 3,887,918 | 6,653,998 | 10,541,916 |
| Provincial Government Departments | 3 | 6,463 | 4,675,271 | 4,380,278 | 4,899,701 | 4,195,478 | 9,095,179 |
| The Harbours Board | 3 | 120 | 116,838 | 49,130 | 70,548 | 128,243 | 198,791 |
| Dominion Government Departments | 5 | 1,768 | 1,944,331 | 1,682,450 | 1,639,278 | 2,052,817 | 3,692,095 |
| Totals | 6,723 | 52,338 | 56,916,926 | 76,293,682 | 98,243,771 | 46,585,623 | 144,529,394 |

Table 44. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Building Construction | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 12,832,153 | 3,013,562 | 15,845,715 | 16,716,754 | 2,789,877 | 19,506,631 |
| Dwellings, semi-detached or double.. | 1,098,149 | 304,874 | 1,403,023 | 848,169 | 261,270 | 1,109,439 |
| Duplexes | 1,179,134 | 296,424 | 1,475,558 | 682,549 | 280,469 | 963,018 |
| Apartment houses | 3,022,282 | 630,830 | 3,653,112 | 3,790,832 | 730,563 | 4,521,395 |
| Hotels, clubs, restaurants, etc. | 389,963 | 486,273 | 876,236 | 685,617 | 147,364 | 1,133,181 |
| Churches and church halls | 375,115 | 488,941 | 864,056 | 498,717 | 255,922 | 754,639 |
| Hospitals and sanatoria | 4,443,013 | 166,562 | 4,609,875 | 2,506,778 | 129,729 | 2,636,507 |
| Schools, institutions, etc. | 2,344,024 | 1,168,001 | 3,512,025 | 2,485,557 | 1,013,776 | 3,499,333 |
| Office buildings | 2,737,880 | 1,080,518 | 3,818,398 | 4,298,111 | 1,001,728 | 5,209,839 |
| Stores | 1,882,133 | 1,806,450 | 3,688,583 | 1,477,063 | 1,373,960 | 2,851,023 |
| Theatres and amusement halls | 657,281 | 296,145 | 953,426 | 767,819 | 261,505 | 1,029,324 |
| Factories, warehouses & storerooms | 4,795,687 | 3,397,390 | 8,193,077 | 5,479,214 | 3,442,195 | 8,921,409 |
| Elevators, grain | 60,393 | 140,185 | 200,578 | 23,390 | 104,377 | 127,167 |
| Garages | 373,408 | 108,955 | 482,363 | 564,747 | 100,516 | 665,263 |
| Service stations | 820,352 | 706,210 | 1,526,562 | 620,980 | - | 620,980 |
| Mine buildings | 2,851,322 | 161,172 | 3,012,494 | 3,833,693 | 103,706 | 3,937,399 |
| Farm buildings | 758,398 | 203,330 | 961,728 | 692,201 | 206,432 | 898,633 |
| Armouries and barracks | 31,019 | - | 31,019 | 1,741,710 | 945,865 | 2,687,575 |
| Aeroplane hangars | - | - | - | 336,543 | - | 336,543 |
| Radio stations | 28,484 | - | 28,484 | 34,284 | - | 34,284 |
| Buildings, unable to specify | 870,289 | 977,725 | 1,848,014 | 203,109 | 1,303,328 | 1,508,437 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

ONTARIO

Table 44. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Continued.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 10,498,932 | 2,105,144 | 12,604,076 | 8,984,688 | 2,410,322 | 11,395,010 |
| Gravel or stone surfaced streets, highways, etc. | 6,798,010 | 3,935,199 | 10,733,209 | 6,175,011 | 3,476,257 | 9,653,268 |
| Dirt or clay roads | 984,036 | 181,784 | 1,165,820 | 463,900 | 52,899 | 546,799 |
| Grading, scraping, oiling, filling, etc. | 7,327,072 | 1,656,191 | 8,983,563 | 5,462,542 | 1,253,753 | 6,716,295 |
| Sidewalks | 259,060 | 273,421 | 532,481 | 264,822 | 220,735 | 485,557 |
| Roadside maintenance and area improvement | 128,148 | 584,938 | 713,086 | 61,311 | 1,073,587 | 1,134,898 |
| Bridges, viaducts, all types | 2,770,830 | 345,500 | 3,116,330 | 1,336,145 | 309,336 | 1,645,481 |
| Subways, overhead crossings, etc. | 449,811 | 3,199 | 453,010 | 525,406 | 3,337 | 528,743 |
| Culverts | 968,328 | 129,658 | 1,097,986 | 400,830 | 132,496 | 533,326 |
| Water mains and connections | 2,293,350 | 706,202 | 3,000,032 | 997,083 | 669,852 | 1,666,935 |
| Sewers and connections | 891,592 | 299,460 | 1,191,352 | 642,723 | 286,734 | 929,457 |
| Storm sewers | 620,294 | 26,037 | 646,331 | 172,440 | 27,935 | 200,375 |
| Tile drains, drainage ditches and open sewers | 113,282 | 165,572 | 278,854 | 136,670 | 207,309 | 343,979 |
| Dams and reservoirs | 442,933 | 99,221 | 542,154 | 537,423 | 117,773 | 655,196 |
| Fencing (excluding temporary snow fencing) | 335,767 | 20,942 | 356,709 | 259,821 | 25,529 | 285,350 |
| Guard rails | 89,697 | 48,503 | 138,200 | 180,403 | 99,899 | 280,302 |
| Signs | 190,507 | 118,960 | 309,467 | 90,042 | 97,618 | 187,660 |
| Zone painting | 11,648 | 66,017 | 77,665 | 5,183 | 76,954 | 82,137 |
| Electric stations, power plants, etc. | 10,184,711 | 3,033,639 | 13,218,350 | 7,794,694 | 2,729,293 | 10,523,987 |
| Transmission lines and towers | 1,204,316 | 246,577 | 1,450,893 | 2,353,248 | 274,176 | 2,627,424 |
| Railway (steam) construction work ... | 4,638 | 18,877 | 23,515 | - | 40,134 | 40,134 |
| Aerodromes or landing fields | 1,335,883 | 204,232 | 1,540,115 | 819,024 | 157,359 | 976,383 |
| Park systems, including grounds and walks | 89,859 | 1,029,934 | 1,119,793 | 305,419 | 1,126,669 | 1,432,088 |
| Gas mains and connections | - | - | - | 2,386 | 973 | 3,359 |
| Telephone and telegraph lines | - | - | - | 27,418 | 28,061 | 55,479 |
| Engineering, unable to specify | 971,598 | 559,674 | 1,531,272 | 1,796,637 | 406,263 | 2,202,900 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers & breakwaters.. | 1,101,881 | 639,220 | 1,741,101 | 1,016,363 | 450,085 | 1,466,448 |
| Retaining walls, embankments and riprapping | 870,505 | 55,138 | 925,643 | 217,041 | 76,194 | 293,235 |
| Canals and waterways | 20,444 | 267,565 | 288,009 | 131,768 | 237,484 | 369,252 |
| Dredging | 838,226 | 628,530 | 1,466,756 | 568,894 | - | 568,894 |
| Pile driving | 44,705 | 11,470 | 56,175 | 23,273 | - | 23,273 |
| Works, unable to specify | - | 1,700 | 1,700 | 71,215 | 587,943 | 659,158 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 446,655 | 122,789 | 569,444 | 316,499 | 68,548 | 385,047 |
| Bricklaying | 118,263 | 266,542 | 384,805 | 172,215 | 295,345 | 467,560 |
| Carpentry work | 395,913 | 801,094 | 1,197,007 | 309,642 | 931,838 | 1,241,480 |
| Commercial refrigeration | 294,463 | 65,008 | 359,471 | 259,737 | 59,145 | 318,882 |
| Concreting and cement work | 272,037 | 330,333 | 602,370 | 266,429 | 277,724 | 544,153 |
| Electrical work | 1,108,692 | 1,749,320 | 2,858,012 | 780,950 | 1,605,137 | 2,386,087 |
| Elevators, service | 280,220 | 484,622 | 744,842 | 296,883 | 442,691 | 739,574 |
| Excavating | 133,343 | 34,414 | 167,757 | 252,031 | 13,769 | 265,800 |
| Flooring | 53,162 | 130,367 | 183,529 | 57,438 | 138,639 | 196,077 |
| Glass and glazing | 60,347 | 98,442 | 158,789 | 51,312 | 144,929 | 196,241 |
| Lathing, plastering and stucco | 289,374 | 485,009 | 774,383 | 248,233 | 368,064 | 616,297 |
| Masonry and stone work | 84,372 | 103,835 | 188,207 | 52,060 | 78,625 | 130,685 |
| Ornamental iron work | 138,267 | 22,494 | 160,761 | - | 17,306 | 17,306 |
| Painting and decorating | 422,232 | 2,368,031 | 2,790,263 | 259,201 | 2,466,331 | 2,725,552 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

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Table 44. - Description, Classification and Value of Work Performed in Ontario by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|--------------------|-------------------------------------|--------------------|-------------------|-------------------------------------|--------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Trade Construction - concluded. | \$ | \$ | \$ | \$ | \$ | \$ |
| Plumbing, heating and sanitary engineering | 3,979,235 | 5,082,754 | 9,061,989 | 3,184,983 | 5,407,304 | 8,592,287 |
| Roofing, sheet metal | 148,731 | 366,599 | 515,330 | 167,346 | 342,771 | 510,117 |
| Roofing, all other | 215,651 | 875,887 | 1,091,538 | 181,670 | 889,757 | 1,071,427 |
| Sheet metal work, other than roofing | 421,801 | 941,374 | 1,363,175 | 343,901 | 899,587 | 1,243,488 |
| Sprinkler installation | 57,922 | 13,305 | 71,227 | 49,974 | 6,411 | 56,385 |
| Structural steel work | - | 14,666 | 14,666 | 557,628 | - | 557,628 |
| Tiling, marble and terrazzo | 176,529 | 171,564 | 348,093 | 165,409 | 188,732 | 354,141 |
| Weatherstripping and insulation | 41,204 | 166,289 | 207,493 | 45,710 | 329,144 | 374,854 |
| Wrecking and demolition | - | 153,663 | 153,663 | - | 116,071 | 116,071 |
| Trades, unable to specify | 586,689 | 594,366 | 1,181,055 | 110,660 | 56,214 | 166,874 |
| TOTAL VALUE OF WORK PERFORMED | 103,116,424 | 48,319,418 | 151,435,842 | 98,243,771 | 46,585,623 | 144,829,394 |

Table 45. - Description, Classification and Value of Work Performed in Ontario by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|-------------------|-------------------------------------|-------------------|-------------------|-------------------------------------|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Air conditioning | 204,016 | 68,594 | 272,610 | 329,098 | 62,110 | 391,208 |
| Bricklaying | 475,123 | 95,541 | 570,664 | 503,527 | 73,130 | 576,657 |
| Carpentry work | 328,777 | 62,265 | 391,042 | 349,050 | 106,080 | 455,130 |
| Concreting and cement work | 324,283 | 43,730 | 368,013 | 443,412 | 61,190 | 504,602 |
| Electrical work | 1,213,449 | 344,508 | 1,557,957 | 1,411,825 | 376,209 | 1,788,034 |
| Elevators, service | 206,078 | - | 206,078 | - | - | - |
| Excavating | 139,450 | 6,941 | 146,391 | 156,466 | 6,658 | 163,124 |
| Flooring | 101,422 | 23,372 | 124,794 | 174,272 | 47,265 | 221,537 |
| Glass and glazing | 353,587 | 212,809 | 566,396 | 351,581 | 261,351 | 612,962 |
| Lathing, plastering and stucco | 1,114,204 | 238,838 | 1,353,042 | 1,349,919 | 239,400 | 1,589,319 |
| Masonry and stone work | 410,429 | 21,658 | 432,087 | 376,701 | 14,902 | 391,603 |
| Ornamental iron work | 260,731 | 34,006 | 294,737 | 326,848 | 32,119 | 358,967 |
| Painting and decorating | 476,954 | 554,308 | 1,031,262 | 622,321 | 390,814 | 1,013,135 |
| Plumbing, heating and sanitary engineering | 3,616,548 | 962,179 | 4,578,727 | 4,760,771 | 929,980 | 5,690,751 |
| Roofing, sheet metal | 240,598 | 212,877 | 453,475 | 388,915 | 266,290 | 655,205 |
| Roofing, all other | 312,372 | 177,145 | 489,517 | 389,189 | 201,466 | 590,656 |
| Sheet metal work, other than roofing | 477,779 | 296,425 | 774,204 | 535,624 | 112,985 | 648,609 |
| Sprinkler installation | 263,894 | - | 263,894 | 193,493 | - | 193,493 |
| Structural steel work | 7,964,977 | 105,914 | 8,070,891 | 6,355,037 | 54,143 | 6,409,180 |
| Street and highway work | 80,230 | - | 80,230 | 225,928 | 39,959 | 265,887 |
| Tiling, marble and terrazzo | 963,150 | 146,844 | 1,109,994 | 754,589 | 186,896 | 941,485 |
| Weatherstripping and insulation | 109,590 | 119,816 | 229,406 | 75,879 | 61,753 | 137,632 |
| Wrecking and demolition | - | 57,914 | 57,914 | - | 42,948 | 42,948 |
| Open sewers or drains | - | - | - | 13,945 | - | 13,945 |
| Dredging | - | - | - | 86,152 | - | 86,152 |
| Work, unable to specify | 255,948 | 60,176 | 316,124 | 479,424 | 65,174 | 544,598 |
| TOTAL VALUE OF WORK PERFORMED | 19,893,589 | 3,845,860 | 23,739,449 | 20,653,966 | 3,632,852 | 24,286,818 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.ONTARIO

Table 46. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|---------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 12,797,155 | 2,926,672 | 15,723,827 | 16,700,148 | 2,745,887 | 19,446,035 |
| Dwellings, semi-detached or double | 1,098,149 | 304,874 | 1,403,023 | 848,169 | 261,270 | 1,109,439 |
| Duplexes | 1,179,134 | 296,424 | 1,475,558 | 682,549 | 280,469 | 963,018 |
| Apartment houses | 3,022,282 | 630,830 | 3,653,112 | 3,790,832 | 730,563 | 4,521,395 |
| Hotels, clubs, restaurants, etc. | 383,944 | 474,051 | 857,995 | 680,498 | 435,466 | 1,115,964 |
| Churches and church halls | 375,115 | 488,941 | 864,056 | 498,717 | 255,922 | 754,639 |
| Hospitals and sanatoria | 4,085,937 | 148,293 | 4,234,230 | 2,348,103 | 105,121 | 2,453,224 |
| Schools, institutions, etc. | 2,150,965 | 1,146,550 | 3,297,515 | 2,283,348 | 998,858 | 3,282,206 |
| Office buildings | 2,703,789 | 837,857 | 3,541,646 | 4,284,182 | 850,174 | 5,134,356 |
| Stores | 1,882,133 | 1,806,450 | 3,688,583 | 1,477,063 | 1,373,960 | 2,551,023 |
| Theatres and amusement halls | 657,281 | 296,145 | 953,426 | 767,819 | 261,505 | 1,029,324 |
| Factories, warehouses & storehouses | 4,769,428 | 3,349,009 | 8,118,437 | 5,435,169 | 3,348,911 | 8,784,080 |
| Elevators, grain | 60,393 | 110,490 | 170,883 | 23,390 | 63,990 | 87,380 |
| Garages | 313,007 | 93,468 | 406,475 | 545,199 | 92,840 | 638,039 |
| Service stations | 820,352 | 706,210 | 1,526,562 | 620,980 | - | 620,980 |
| Mine buildings | 2,851,322 | 161,172 | 3,012,494 | 3,833,693 | 103,706 | 3,937,399 |
| Farm buildings | 754,486 | 202,195 | 956,681 | 684,807 | 202,014 | 856,821 |
| Aeroplane hangars | - | - | - | 336,543 | - | 336,543 |
| Armouries and barracks | 31,019 | - | 31,019 | 600,474 | - | 600,474 |
| Radio stations | 28,484 | - | 28,484 | 34,284 | - | 34,284 |
| Buildings, unable to specify | 793,479 | 648,695 | 1,442,174 | 162,529 | 1,147,622 | 1,310,151 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 8,073,708 | 399,207 | 8,472,915 | 6,631,199 | 392,968 | 7,024,167 |
| Gravel or stone surfaced streets, highways, etc. | 5,453,664 | 1,131,986 | 6,585,650 | 5,094,548 | 491,372 | 5,585,920 |
| Dirt or clay roads | 932,661 | 123,568 | 1,056,229 | 293,910 | 13,039 | 306,949 |
| Grading, scraping, oiling, filling, etc. | 6,047,677 | 163,539 | 6,211,216 | 4,247,490 | 85,097 | 4,332,587 |
| Sidewalks | 67,983 | 27,206 | 95,189 | 98,535 | 11,563 | 110,098 |
| Bridges, viaducts, all types | 1,787,189 | 39,493 | 1,826,682 | 811,611 | 21,966 | 833,577 |
| Subways, overhead crossings, etc. | 321,442 | - | 321,442 | 284,161 | - | 284,161 |
| Culverts | 278,269 | - | 278,269 | 103,858 | 10,663 | 114,521 |
| Water mains and connections | 1,510,050 | 53,963 | 1,564,013 | 261,428 | 41,506 | 302,934 |
| Sewers and connections | 509,960 | 35,706 | 545,666 | 321,057 | 38,357 | 359,414 |
| Storm sewers | 339,843 | - | 339,843 | 64,009 | 832 | 64,841 |
| Open sewers or drains | 13,059 | 33,849 | 46,908 | 38,689 | 31,856 | 70,545 |
| Dams and reservoirs | 406,681 | - | 406,681 | 466,326 | 26,505 | 492,831 |
| Fencing (excluding temporary snow fencing) | - | - | - | 51,396 | - | 51,396 |
| Electric stations, power plants, etc. | 10,184,711 | 3,032,536 | 13,217,247 | 7,790,132 | 2,712,082 | 10,502,214 |
| Transmission lines and towers | 1,065,052 | 114,682 | 1,179,734 | 2,182,631 | 120,376 | 2,303,007 |
| Railway (steam) construction work.. | - | - | - | - | 20,875 | 20,875 |
| Aerodromes or landing fields | 678,192 | - | 678,192 | 612,409 | - | 612,409 |
| Engineering, unable to specify | 811,207 | 215,759 | 1,026,966 | 1,914,175 | 301,036 | 2,215,211 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers & breakwaters | 931,591 | 108,824 | 1,040,415 | 901,009 | 282,397 | 1,183,406 |
| Retaining walls, embankments and riprapping | 32,297 | 11,017 | 43,314 | 118,154 | - | 118,154 |
| Canals and waterways | - | 24,935 | 24,935 | 106,537 | - | 106,537 |
| Dredging | 825,931 | - | 825,931 | 520,709 | - | 520,709 |
| Pile driving | 44,705 | 11,470 | 56,175 | 23,273 | - | 23,273 |
| Works, unable to specify | - | 412,312 | 412,312 | 71,215 | 552,227 | 623,442 |

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Table 46. - Description, Classification and Value of Work Performed in Ontario, by General and Trade Contractors (including Subcontractors) in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|-------------------|-------------------------------------|--------------------|-------------------|-------------------------------------|--------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 446,655 | 122,789 | 569,444 | 316,499 | 68,548 | 385,047 |
| Bricklaying | 118,263 | 266,542 | 384,805 | 172,215 | 295,345 | 467,560 |
| Carpentry work | 395,913 | 801,094 | 1,197,007 | 309,642 | 931,838 | 1,241,480 |
| Commercial refrigeration | 294,463 | 65,008 | 359,471 | 299,737 | 59,145 | 318,882 |
| Concreting and cement work | 272,037 | 330,333 | 602,370 | 266,429 | 277,724 | 544,153 |
| Electrical work | 1,108,692 | 1,749,320 | 2,858,012 | 780,950 | 1,605,137 | 2,386,087 |
| Elevators, service | 280,220 | 464,622 | 744,842 | 296,883 | 442,691 | 739,574 |
| Excavating | 75,460 | 23,550 | 99,010 | 221,489 | 11,779 | 233,268 |
| Flooring | 53,162 | 130,367 | 183,529 | 57,438 | 138,639 | 196,077 |
| Glass and glazing | 60,347 | 98,442 | 158,789 | 51,312 | 144,929 | 196,241 |
| Lathing, plastering and stucco | 289,374 | 485,009 | 774,383 | 248,233 | 368,064 | 616,297 |
| Masonry and stone work | 84,372 | 103,835 | 188,207 | 52,060 | 78,625 | 130,685 |
| Ornamental iron work | 138,267 | 22,494 | 160,761 | - | 17,306 | 17,306 |
| Painting and decorating | 422,232 | 2,368,031 | 2,790,263 | 259,201 | 2,466,331 | 2,725,532 |
| Plumbing, heating and sanitary engineering | 3,979,235 | 5,082,754 | 9,061,989 | 3,184,983 | 5,407,304 | 8,592,287 |
| Roofing, sheet metal | 148,731 | 366,599 | 515,330 | 167,346 | 342,771 | 510,117 |
| Roofing, all other | 215,651 | 875,887 | 1,091,538 | 181,670 | 889,757 | 1,071,427 |
| Sheet metal work, other than roofing | 421,801 | 941,374 | 1,363,175 | 343,901 | 899,587 | 1,243,488 |
| Sprinkler installation | 57,922 | 13,305 | 71,227 | 49,974 | 6,411 | 56,385 |
| Structural steel work | - | 14,666 | 14,666 | 557,628 | - | 557,628 |
| Tiling, marble and terrazzo | 176,529 | 171,564 | 348,093 | 165,409 | 188,732 | 354,141 |
| Weatherstripping and insulation | 41,204 | 166,289 | 207,493 | 45,710 | 329,144 | 374,854 |
| Wrecking and demolition | - | 153,663 | 153,663 | - | 116,071 | 116,071 |
| Trades, unable to specify | 586,689 | 594,366 | 1,181,055 | 110,660 | 56,214 | 166,874 |
| TOTAL VALUE OF WORK PERFORMED .. | 90,740,945 | 35,980,281 | 126,721,226 | 87,746,326 | 33,555,087 | 121,301,413 |

Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---------------------------------------|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Dwellings</u> | | | | | | |
| Dwellings | 34,998 | 86,890 | 121,888 | 16,606 | 43,990 | 60,596 |
| Office buildings | 34,091 | 242,661 | 276,752 | 13,929 | 151,554 | 165,483 |
| Warehouses or storehouses | 26,259 | 48,381 | 74,640 | 44,045 | 93,284 | 137,329 |
| Garages | 60,401 | 15,487 | 75,888 | 19,548 | 7,676 | 27,224 |
| Elevators, grain | - | 29,695 | 29,695 | - | 40,387 | 40,387 |
| Schools, institutions, etc. | 193,059 | 21,451 | 214,510 | 202,209 | 14,918 | 217,127 |
| Hospitals and sanatoria | 357,076 | 18,569 | 375,645 | 158,675 | 24,608 | 183,283 |
| Hotels, clubs, restaurants, etc. | 6,019 | 12,222 | 18,241 | 5,319 | 11,898 | 17,217 |
| Farm buildings | 3,912 | 1,135 | 5,047 | 7,394 | 4,418 | 11,812 |
| Armouries and barracks | - | - | - | 1,140,236 | 723,732 | 1,864,968 |
| All other buildings and structures | 76,810 | 329,030 | 405,840 | 42,580 | 377,839 | 420,419 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

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Table 47. - Description, Classification and Value of Work Performed in Ontario by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Hard surfaced or paved streets, highways, etc. | 2,425,224 | 1,705,937 | 4,131,161 | 2,353,489 | 2,017,354 | 4,370,843 |
| Gravel or stone surfaced streets, highways, etc. | 1,344,346 | 2,803,213 | 4,147,559 | 1,080,463 | 2,986,885 | 4,067,348 |
| Dirt or clay roads | 51,375 | 58,216 | 109,591 | 169,990 | 69,860 | 239,850 |
| Grading, scraping, oiling, filling, etc. | 1,279,395 | 1,492,952 | 2,772,347 | 1,215,052 | 1,168,656 | 2,383,708 |
| Sidewalks | 191,077 | 246,215 | 437,292 | 166,287 | 209,172 | 375,459 |
| Roadside maintenance and area improvement | 128,148 | 584,938 | 713,086 | 61,311 | 1,073,587 | 1,134,898 |
| Bridges, viaducts, all types | 983,641 | 306,007 | 1,289,648 | 524,534 | 287,370 | 811,904 |
| Subways, overhead crossings, etc. | 128,369 | 3,199 | 131,568 | 241,245 | 3,337 | 244,582 |
| Culverts | 690,059 | 121,475 | 811,534 | 296,972 | 121,533 | 418,805 |
| Storm sewers | 280,451 | 25,537 | 305,988 | 108,431 | 27,103 | 135,534 |
| Tile drains, drainage ditches and open sewers | 100,223 | 131,723 | 231,946 | 97,981 | 175,453 | 273,434 |
| Fencing (excluding temporary snow fencing) | 310,155 | 20,942 | 331,097 | 208,425 | 23,971 | 232,396 |
| Guard rails | 89,697 | 48,503 | 138,200 | 180,103 | 99,899 | 280,002 |
| Signs | 190,507 | 118,960 | 309,467 | 90,042 | 97,618 | 187,660 |
| Zone painting | 11,648 | 66,017 | 77,665 | 5,183 | 76,954 | 82,137 |
| Watermains and connections | 783,780 | 652,239 | 1,436,019 | 735,655 | 628,346 | 1,364,001 |
| Reservoirs | 27,217 | 14,693 | 41,910 | 1,685 | 2,516 | 4,201 |
| Sewers and connections | 381,932 | 263,754 | 645,686 | 321,666 | 248,377 | 570,043 |
| Electric stations, power plants, etc. | - | 1,103 | 1,103 | 4,562 | 17,211 | 21,773 |
| Pole or distribution lines, electric . | 139,264 | 131,895 | 271,159 | 170,617 | 153,800 | 324,417 |
| Docks, wharves, piers, breakwaters ... | 170,290 | 530,396 | 700,686 | 115,354 | 167,688 | 253,042 |
| Retaining walls and riprappling | 838,208 | 44,121 | 882,329 | 98,887 | 64,290 | 163,177 |
| Canal reaches | 9,575 | 53,550 | 63,125 | 1,247 | 35,201 | 36,448 |
| Canal locks | 10,869 | 139,919 | 150,788 | 13,146 | 123,763 | 136,909 |
| Canal gates | - | 49,161 | 49,161 | 10,838 | 48,622 | 59,460 |
| Water control or dams | 9,035 | 76,177 | 85,212 | 69,412 | 88,752 | 158,164 |
| Aerodromes or landing fields | 657,691 | 196,386 | 854,077 | 206,615 | 46,799 | 253,414 |
| Dredging | 12,295 | 217,918 | 230,213 | 48,185 | 76,820 | 125,005 |
| Excavating | 57,883 | 10,864 | 68,747 | 30,542 | 1,990 | 32,532 |
| Park systems, including grounds and walks | 89,859 | 1,027,334 | 1,117,193 | 83,393 | 1,126,669 | 1,210,062 |
| Railway (steam) construction work ... | 3,478 | 17,005 | 20,483 | 730 | 19,259 | 19,989 |
| Telephone and telegraph lines | - | - | - | 27,413 | 28,061 | 55,479 |
| Pile driving | - | - | - | - | 698 | 698 |
| Gas mains and connections | - | - | - | 2,386 | 973 | 3,359 |
| Work, unable to specify | 187,163 | 373,267 | 560,430 | 104,058 | 217,345 | 321,403 |
| TOTAL VALUE OF WORK PERFORMED | 12,375,479 | 12,339,137 | 24,714,616 | 10,497,445 | 13,030,536 | 23,527,981 |

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Table 48. - Cost of Materials Used in Ontario, by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | 1939 |
|--|------------|------------|
| | Cost Value | Cost Value |
| | \$ | \$ |
| Lumber and timber, rough and dressed | 662,098 | 880,123 |
| Lumber and timber, creosoted or chemically treated | 106,393 | 86,893 |
| Piling, wood (including treated piling) | 20,115 | 11,552 |
| Piling, steel | 17,826 | 11,031 |
| Piling, other | 1,954 | 580 |
| Posts, wood | 64,009 | 53,281 |
| Posts, steel | 33,056 | 51,559 |
| Posts, other | 2,626 | 1,756 |
| Iron and steel shapes | 394,563 | 271,137 |
| Iron and steel forms | 9,851 | 11,156 |
| Iron and steel reinforcing | 46,877 | 33,638 |
| Hydrants | 17,487 | 27,700 |
| Manhole covers and frames | 42,771 | 51,239 |
| Pipe, metal | 234,298 | 278,217 |
| Pipe, concrete | 133,648 | 83,314 |
| Pipe, vitrified clay, etc. | 114,825 | 71,671 |
| Culverts | 231,040 | 185,992 |
| Rope or cable, wire | 29,526 | 38,081 |
| Rope, other | 6,476 | 5,924 |
| Wire netting or mesh | 11,676 | 11,611 |
| Electric light standards | 6,760 | 18,427 |
| Electrical supplies | 391,670 | 343,061 |
| Plumbing and shop supplies | 145,066 | 276,556 |
| Lead and lead pipe | 16,017 | 11,419 |
| Pipe fittings | 52,725 | 87,979 |
| Valves | 44,524 | 43,864 |
| Hardware | 276,875 | 334,526 |
| Paint and painters' supplies | 117,464 | 149,139 |
| Explosives | 54,780 | 22,363 |
| Fencing materials (not to include posts) | 124,509 | 125,152 |
| Guard rail materials (not to include posts) | 13,142 | 61,564 |
| Signs, metal | 51,762 | 35,810 |
| Brick | 39,660 | 35,169 |
| Stone, crushed and all other | 1,038,176 | 955,405 |
| Paving blocks | 8,885 | 1,116 |
| Gravel | 578,186 | 459,247 |
| Sand | 166,857 | 145,830 |
| Cement | 1,489,700 | 913,788 |
| Concrete, ready mix | 20,736 | 16,691 |
| Bituminous materials (not including oil) | 1,495,775 | 1,321,927 |
| Calcium chloride, salt and other chemicals | 638,266 | 756,604 |
| Oil, for road construction | 303,929 | 312,949 |
| Borrow pits, earth fill, cinders, etc. | 61,961 | 48,440 |
| Roofing materials | - | 43,501 |
| All other materials (unable to classify) | 884,360 | 714,350 |
| TOTAL COST OF MATERIALS USED | 10,202,900 | 9,401,332 |

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Table 49. - Principal Statistics of the Construction Industry in Manitoba in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| No. | No. | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>1938</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 532 | 3,584 | 3,837,233 | 6,970,420 | 6,567,563 | 4,265,224 | 10,832,787 |
| Municipalities | 6 | 603 | 581,569 | 305,956 | 335,158 | 566,261 | 901,419 |
| The Harbours Board, Provincial and Dominion Government Departments | 9 | 1,290 | 1,156,426 | 741,020 | 1,213,154 | 1,300,301 | 2,513,455 |
| Totals | 547 | 5,477 | 5,575,528 | 8,017,396 | 8,115,875 | 6,131,786 | 14,247,661 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 612 | 3,268 | 3,776,441 | 7,126,713 | 7,152,908 | 3,955,576 | 11,108,484 |
| Municipalities | 6 | 618 | 588,073 | 394,382 | 438,486 | 584,999 | 1,003,485 |
| The Harbours Board, Provincial and Dominion Government Departments | 8 | 1,111 | 1,217,346 | 758,151 | 1,399,574 | 1,337,163 | 2,736,737 |
| Totals | 626 | 4,997 | 5,581,860 | 8,279,246 | 8,990,968 | 5,857,738 | 14,848,706 |

Table 50. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 845,197 | 481,581 | 1,326,778 | 1,415,915 | 376,065 | 1,794,980 |
| Dwellings, semi-detached or double.. | - | 24,037 | 24,037 | 17,072 | 20,746 | 37,818 |
| Duplexes | 8,053 | 64,352 | 72,405 | - | 61,689 | 61,689 |
| Apartment houses | 209,566 | 151,926 | 361,492 | 322,514 | 82,714 | 405,258 |
| Hotels, clubs, restaurants, etc. | - | 148,214 | 148,214 | - | 59,911 | 59,911 |
| Churches and church halls | 16,450 | 10,186 | 26,636 | 12,175 | 28,536 | 40,711 |
| Hospitals and sanatoria | 180,457 | 32,909 | 213,366 | - | 78,393 | 78,393 |
| Schools, institutions, etc. | 171,769 | 46,565 | 218,334 | - | 113,610 | 113,610 |
| Office buildings | 117,669 | 228,578 | 346,247 | 60,645 | 226,801 | 287,449 |
| Stores | 125,012 | 432,778 | 557,790 | 151,289 | 550,199 | 701,488 |
| Theatres and amusement halls | 57,181 | 19,606 | 76,787 | - | 36,400 | 36,400 |
| Factories, warehouses & storehouses | - | 181,558 | 181,558 | 231,591 | 188,126 | 419,717 |
| Elevators, grain | 404,234 | 358,457 | 762,691 | 167,019 | 185,301 | 352,320 |
| Garages | 48,299 | 24,087 | 72,386 | 21,552 | 59,335 | 80,887 |
| Service stations | 31,135 | 105,292 | 136,427 | 58,222 | 115,978 | 174,200 |
| Farm buildings | 60,497 | 16,321 | 76,818 | 57,209 | 31,142 | 88,351 |
| Armouries and barracks | - | - | - | 22,254 | 122,234 | 144,488 |
| Buildings, unable to specify | 1,369,706 | 76,548 | 1,446,254 | 2,112,432 | 58,881 | 2,171,313 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 992,188 | 251,257 | 1,243,445 | 671,331 | 235,536 | 906,867 |
| Gravel or stone surfaced streets, highways, etc. | 630,130 | 373,966 | 1,004,096 | 835,394 | 554,857 | 1,390,251 |

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Table 50. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board, and Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|---|-------------------|------------------|---|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Engineering Construction - concluded</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dirt or clay roads | 67,414 | 24,466 | 91,880 | 360,171 | 80,370 | 440,541 |
| Grading, scraping, oiling, filling, etc. | - | 268,732 | 268,732 | 32,906 | 100,840 | 133,746 |
| Roadside maintenance and area improvement | 6,906 | 65,357 | 72,263 | 200 | 72,325 | 72,525 |
| Sidewalks | 27,757 | 54,786 | 82,543 | 27,906 | 45,953 | 73,859 |
| Bridges, viaducts, all types | 82,421 | 45,215 | 127,636 | 103,245 | 49,205 | 152,450 |
| Subways, overhead crossings, etc. | - | 26,754 | 26,754 | - | 1,810 | 1,810 |
| Culverts | 55,079 | 35,883 | 90,962 | 75,976 | 36,935 | 112,911 |
| Watermains and connections | 139,351 | 171,217 | 310,568 | 209,424 | 183,250 | 392,674 |
| Sewers and connections | 97,690 | 56,052 | 153,742 | 153,768 | 64,520 | 218,288 |
| Storm sewers | 4,000 | 5,509 | 9,509 | 2,322 | 365 | 2,687 |
| Tile drains, drainage ditches and open sewers | - | 66,798 | 66,798 | - | 1,290 | 1,290 |
| Dams and reservoirs | 159,489 | - | 159,489 | 158,304 | 23,097 | 181,401 |
| Fencing (excluding temporary snow fencing) | - | 74,060 | 74,060 | 53,239 | 2,173 | 55,412 |
| Guard rails | 728 | 12,300 | 13,028 | 400 | 12,467 | 12,867 |
| Signs | 757 | 15,708 | 16,465 | 558 | 20,214 | 20,772 |
| Zone painting | 12,971 | 22,105 | 35,076 | - | 148 | 148 |
| Transmission lines and towers | - | 1,928 | 1,928 | - | 2,011 | 2,011 |
| Aerodromes or landing fields | - | 12,386 | 12,386 | - | - | - |
| Park systems, including grounds and walks | 16,381 | 2,459 | 18,840 | 27,641 | 23,718 | 51,359 |
| Telephone and telegraph lines | - | - | - | 7,264 | 1,563 | 8,827 |
| Engineering, unable to specify | 1,293,888 | 352,061 | 1,645,949 | 1,060,505 | 140,161 | 1,200,666 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers & breakwaters | - | 7,870 | 7,870 | - | 49,729 | 49,729 |
| Retaining walls, embankments and ripraping | 9,639 | 9,182 | 18,821 | 2,935 | 202 | 3,137 |
| Canals and waterways | - | 15,066 | 15,066 | - | - | - |
| Dredging | 33,373 | 66,747 | 100,120 | 26,779 | 112,925 | 139,704 |
| Works, unable to specify | 70,008 | - | 70,008 | 12,882 | - | 12,882 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 12,932 | 6,923 | 19,855 | 19,946 | 4,234 | 24,180 |
| Bricklaying | - | 11,726 | 11,726 | - | 6,274 | 6,274 |
| Carpentry work | 23,217 | 53,404 | 76,621 | 8,398 | 82,540 | 90,938 |
| Concreting and cement work | 8,408 | 71,235 | 79,643 | - | 44,187 | 44,187 |
| Electrical work | 57,604 | 194,030 | 251,694 | 47,583 | 231,764 | 279,347 |
| Elevators, service | 26,829 | - | 26,829 | - | - | - |
| Excavating | 7,018 | 5,147 | 12,165 | - | 29,480 | 29,480 |
| Glass and glazing | - | - | - | - | 56,126 | 56,126 |
| Lathing, plastering and stucco | - | 39,574 | 39,574 | 8,234 | 33,002 | 41,236 |
| Masonry and stone work | - | - | - | - | 749 | 749 |
| Painting and decorating | - | 214,689 | 214,689 | 8,982 | 243,997 | 252,979 |
| Plumbing, heating and sanitary engineering | 219,949 | 413,363 | 633,322 | 175,881 | 429,683 | 605,564 |
| Roofing, sheet metal | - | 89,614 | 89,614 | - | - | - |
| Roofing, all other | - | 58,673 | 58,673 | - | 69,780 | 69,780 |
| Sheet metal work, other than roofing | - | 114,653 | 114,653 | 25,476 | 80,501 | 105,977 |
| Weatherstripping and insulation | - | 81,316 | 81,316 | - | 130,095 | 130,095 |
| Trades, unable to specify | 414,463 | 336,580 | 751,043 | 220,396 | 203,601 | 423,997 |
| TOTAL VALUE OF WORK PERFORMED | 5,115,875 | 6,131,786 | 14,247,661 | 8,990,968 | 5,857,738 | 14,848,706 |

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Table 51. - Description, Classification and Value of Work Performed in Manitoba by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 837,841 | 444,876 | 1,282,717 | 1,406,482 | 375,015 | 1,781,497 |
| Dwellings, semi-detached or double | - | 24,037 | 24,037 | 17,072 | 20,746 | 37,818 |
| Duplexes | 8,053 | 64,352 | 72,405 | - | 61,689 | 61,689 |
| Apartment houses | 209,566 | 151,926 | 361,492 | 322,544 | 52,714 | 405,258 |
| Hotels, clubs, restaurants, etc. | - | 148,214 | 148,214 | - | 59,911 | 59,911 |
| Churches and church halls | 16,450 | 10,186 | 26,636 | 12,175 | 28,536 | 40,711 |
| Hospitals and sanatoria | 180,457 | 23,897 | 204,354 | - | 71,098 | 71,098 |
| Schools, institutions, etc. | 137,965 | 29,057 | 167,022 | - | 94,267 | 94,267 |
| Office buildings | 89,990 | 147,468 | 237,458 | 58,096 | 159,286 | 217,382 |
| Stores | 125,012 | 432,778 | 557,790 | 151,289 | 550,199 | 701,458 |
| Theatres and amusement halls | 57,181 | 19,606 | 76,787 | - | 36,400 | 36,400 |
| Factories, warehouses and storehouses | - | 172,797 | 172,797 | 218,339 | 176,415 | 394,754 |
| Elevators, grain | 404,234 | 356,689 | 760,923 | 167,019 | 183,950 | 350,969 |
| Garages | 47,299 | 22,104 | 69,403 | 19,207 | 40,497 | 59,704 |
| Service stations | 31,135 | 105,292 | 136,427 | 58,222 | 115,978 | 174,200 |
| Farm buildings | 48,290 | 12,901 | 61,191 | 49,473 | 11,565 | 61,038 |
| Buildings, unable to specify | 1,353,927 | 66,427 | 1,420,354 | 2,105,208 | 52,379 | 2,157,587 |
| <u>Engineering Construction</u> | | | | | | |
| Gravel or stone surfaced streets, highways, etc. | 82,567 | - | 82,567 | 308,352 | - | 308,352 |
| Dirt or clay roads | 32,560 | - | 32,560 | 114,411 | - | 114,411 |
| Bridges, viaducts, all types | 12,995 | - | 12,995 | 24,146 | - | 24,146 |
| Sidewalks | - | - | - | 6,244 | - | 6,244 |
| Water mains and connections | - | - | - | - | 9,253 | 9,253 |
| Dams and reservoirs | - | - | - | 137,387 | - | 137,387 |
| Engineering, unable to specify | 2,052,814 | 343,837 | 2,396,651 | 1,449,514 | 174,665 | 1,624,179 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Works, unable to specify | 69,838 | 3,000 | 72,838 | 12,832 | 29,500 | 42,332 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 12,932 | 6,923 | 19,855 | 19,946 | 4,234 | 24,180 |
| Bricklaying | - | 11,726 | 11,726 | - | 6,274 | 6,274 |
| Carpentry work | 23,217 | 53,404 | 76,621 | 8,398 | 52,540 | 90,938 |
| Concreting and cement work | 8,408 | 71,235 | 79,643 | - | 44,187 | 44,187 |
| Electrical work | 57,664 | 194,030 | 251,694 | 47,583 | 231,764 | 279,347 |
| Elevators, service | 26,829 | - | 26,829 | - | - | - |
| Excavating | 5,927 | - | 5,927 | - | 4,980 | 4,980 |
| Glass and glazing | - | - | - | - | 56,126 | 56,126 |
| Lathing, plastering and stucco | - | 39,574 | 39,574 | 8,234 | 33,002 | 41,236 |
| Masonry and stone work | - | - | - | - | 749 | 749 |
| Painting and decorating | - | 214,689 | 214,689 | 8,982 | 243,997 | 252,979 |
| Plumbing, heating and sanitary engineering | 219,949 | 413,363 | 633,312 | 175,881 | 429,683 | 605,564 |
| Roofing, sheet metal | - | 89,614 | 89,614 | - | - | - |
| Roofing, all other | - | 58,673 | 58,673 | - | 69,780 | 69,780 |
| Sheet metal work, other than roofing | - | 114,653 | 114,653 | 25,476 | 80,501 | 105,977 |
| Weatherstripping and insulation ... | - | 81,316 | 81,316 | - | 130,095 | 130,095 |
| Trades, unable to specify | 414,463 | 336,580 | 751,043 | 220,396 | 203,601 | 423,997 |
| TOTAL VALUE OF WORK PERFORMED ... | 6,567,563 | 4,265,224 | 10,832,787 | 7,152,908 | 3,955,576 | 11,105,484 |

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Table 52. - Description, Classification and Value of Work Performed in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings | 7,356 | 36,705 | 44,061 | 12,433 | 1,050 | 13,483 |
| Office buildings | 27,679 | 81,110 | 108,789 | 2,552 | 67,515 | 70,067 |
| Warehouses or storehouses | - | 8,761 | 8,761 | 13,252 | 11,711 | 24,963 |
| Garages | 1,000 | 1,983 | 2,983 | 2,345 | 18,838 | 21,183 |
| Elevators, grain | - | 1,768 | 1,768 | - | 1,351 | 1,351 |
| Schools, institutions, etc. | 33,804 | 17,508 | 51,312 | - | 19,343 | 19,343 |
| Hospitals and sanatoria | - | 9,012 | 9,012 | - | 7,295 | 7,295 |
| Farm buildings | 12,207 | 3,420 | 15,627 | 7,736 | 19,577 | 27,313 |
| Armouries and barracks | - | - | - | 22,254 | 121,884 | 144,138 |
| All other buildings and structures | 15,779 | 10,121 | 25,900 | 7,224 | 6,852 | 14,076 |
| Hard surfaced or paved streets, highways, etc. | 457,659 | 248,757 | 706,416 | 306,204 | 235,536 | 541,740 |
| Gravel or stone surfaced streets, highways, etc. | 547,563 | 373,966 | 921,529 | 527,042 | 543,344 | 1,070,386 |
| Dirt or clay roads | 34,854 | 24,136 | 58,990 | 245,760 | 80,370 | 326,130 |
| Grading, scraping, oiling, filling, etc. | - | 268,732 | 268,732 | 32,656 | 76,662 | 109,318 |
| Sidewalks | 14,774 | 54,786 | 69,560 | 21,662 | 45,513 | 67,175 |
| Roadside maintenance and area improvement | 6,906 | 65,357 | 72,263 | 200 | 72,325 | 72,525 |
| Bridges, viaducts, all types | 69,426 | 44,715 | 114,141 | 79,099 | 48,855 | 127,954 |
| Subways, overhead crossings, etc. | - | 26,754 | 26,754 | - | 1,810 | 1,810 |
| Culverts | 54,454 | 35,483 | 89,937 | 75,426 | 36,935 | 112,361 |
| Storm sewers | 4,000 | 5,509 | 9,509 | 1,983 | 365 | 2,348 |
| Tile drains, drainage ditches and open sewers | - | 66,798 | 66,798 | - | 1,290 | 1,290 |
| Fencing (excluding temporary snow fencing) | - | 74,060 | 74,060 | 53,239 | 2,173 | 55,412 |
| Guard rails | 728 | 12,300 | 13,028 | 400 | 12,467 | 12,867 |
| Signs | 757 | 15,708 | 16,465 | 558 | 20,214 | 20,772 |
| Zone painting | 12,971 | 22,105 | 35,076 | - | - | - |
| Watermains and connections | 104,838 | 170,288 | 275,126 | 202,128 | 173,997 | 376,125 |
| Sewers and connections | 31,644 | 55,002 | 86,646 | 73,084 | 60,573 | 133,657 |
| Electric stations and power plants | - | 5,193 | 5,193 | - | 922 | 922 |
| Pole or distribution lines, electric .. | - | 1,928 | 1,928 | 8,595 | 927 | 9,522 |
| Docks, wharves, piers, breakwaters | - | 4,870 | 4,870 | - | 20,229 | 20,229 |
| Retaining walls and riprapping | 9,639 | 9,182 | 18,821 | 2,935 | 202 | 3,137 |
| Canal locks | - | 1,009 | 1,009 | - | - | - |
| Canal gates | - | 14,057 | 14,057 | - | - | - |
| Water control or dams | 23,389 | - | 23,389 | 20,118 | 23,097 | 43,215 |
| Aerodromes or landing fields | 19,394 | 12,386 | 31,780 | - | - | - |
| Dredging | 33,373 | 66,747 | 100,120 | 26,779 | 112,925 | 139,704 |
| Excavating | 1,091 | 5,147 | 6,238 | - | 24,500 | 24,500 |
| Park systems, including grounds and walks | 16,381 | 2,459 | 18,840 | 27,641 | 23,718 | 51,359 |
| Reservoirs | 3,366 | - | 3,366 | 799 | - | 799 |
| Telephone and telegraph lines | - | - | - | 7,264 | 1,563 | 8,827 |
| Works, unable to specify | 3,280 | 8,740 | 12,020 | 56,692 | 6,234 | 62,926 |
| TOTAL VALUE OF WORK PERFORMED | 1,548,312 | 1,866,562 | 3,414,874 | 1,838,060 | 1,902,162 | 3,740,222 |

Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1938 and 1939

| | 1938 | | | 1939 | | |
|----------------------------------|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Air conditioning | 15,792 | 2,653 | 18,445 | 31,056 | 6,182 | 37,238 |
| Bricklaying | - | - | - | 11,033 | - | 11,033 |
| Carpentry work | 17,496 | 12,104 | 29,600 | 23,467 | 3,919 | 27,386 |
| Concreting and cement work | - | - | - | 20,743 | - | 20,743 |

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Table 53. - Description, Classification and Value of Work Performed in Manitoba by Subcontractors in 1938 and 1939. - Concluded.

| | 1938 | | | 1939 | | |
|---|---------------------|---|---------------------|---------------------|---|---------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Electrical work | \$ 114,973 | \$ 75,107 | \$ 190,080 | \$ - | \$ 43,196 | \$ 43,196 |
| Excavating | - | - | - | \$ 8,010 | - | \$ 8,010 |
| Lathing, plastering and stucco | \$ 83,748 | \$ 29,498 | \$ 113,246 | \$ 109,786 | \$ 39,053 | \$ 148,839 |
| Painting and decorating | \$ 26,142 | \$ 41,390 | \$ 67,532 | \$ 43,614 | \$ 32,189 | \$ 75,803 |
| Plumbing, heating and sanitary engineering | \$ 281,064 | \$ 42,855 | \$ 323,919 | \$ 266,398 | \$ 94,465 | \$ 360,863 |
| Roofing, all other | \$ 29,764 | \$ - | \$ 29,764 | \$ 90,350 | \$ 25,908 | \$ 116,258 |
| Sheet metal work other than roofing | \$ 45,764 | \$ 39,591 | \$ 85,355 | \$ 225,723 | \$ 73,306 | \$ 299,029 |
| Tiling, marble and terrazzo | \$ 54,689 | \$ 26,836 | \$ 81,525 | \$ - | \$ - | \$ - |
| Weatherstripping and insulation | - | - | - | \$ 2,718 | - | \$ 2,718 |
| Work, unable to specify | \$ 1,619,588 | \$ 97,803 | \$ 1,717,391 | \$ 1,798,323 | \$ 111,636 | \$ 1,909,959 |
| TOTAL VALUE OF WORK PERFORMED | \$ 2,289,020 | \$ 367,837 | \$ 2,656,857 | \$ 2,631,221 | \$ 429,854 | \$ 3,061,075 |

Table 54. - Cost of Materials Used in Manitoba by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | 1939 | |
|--|---------------------|---------------------|-------------|-------------|
| | Cost | Value | Cost | Value |
| Lumber and timber, rough and dressed | \$ 75,385 | \$ 93,581 | \$ - | \$ - |
| Lumber and timber, creosoted or chemically treated | \$ 37,240 | \$ 58,091 | \$ - | \$ - |
| Piling, wood (including treated piling) | \$ 7,108 | \$ 13,013 | \$ - | \$ - |
| Piling, other | \$ 851 | \$ - | \$ - | \$ - |
| Posts, wood | \$ 950 | \$ 15,551 | \$ - | \$ - |
| Posts, steel | \$ 11,451 | \$ 9,789 | \$ - | \$ - |
| Iron and steel shapes | \$ 8,367 | \$ 4,600 | \$ - | \$ - |
| Iron and steel forms | \$ 9,220 | \$ 5,945 | \$ - | \$ - |
| Iron and steel reinforcing | \$ 8,794 | \$ 4,034 | \$ - | \$ - |
| Hydrants | \$ - | \$ 5,307 | \$ - | \$ - |
| Manhole covers and frames | \$ 3,152 | \$ 2,656 | \$ - | \$ - |
| Pipe, metal | \$ 40,770 | \$ 68,536 | \$ - | \$ - |
| Pipe, concrete | \$ 9,514 | \$ 1,069 | \$ - | \$ - |
| Pipe, vitrified clay, etc. | \$ 6,095 | \$ 15,063 | \$ - | \$ - |
| Culverts | \$ 12,226 | \$ 64,326 | \$ - | \$ - |
| Rope or cable, wire | \$ 2,154 | \$ 5,409 | \$ - | \$ - |
| Rope, other | \$ 520 | \$ 471 | \$ - | \$ - |
| Wire netting or mesh | \$ 1,374 | \$ 499 | \$ - | \$ - |
| Electric light standards | \$ - | \$ 2,383 | \$ - | \$ - |
| Electrical supplies | \$ 14,978 | \$ 12,463 | \$ - | \$ - |
| Plumbing and shop supplies | \$ 21,951 | \$ 24,417 | \$ - | \$ - |
| Lead and lead pipe | \$ 762 | \$ 964 | \$ - | \$ - |
| Pipe fittings | \$ 4,293 | \$ 21,608 | \$ - | \$ - |
| Valves | \$ 5,916 | \$ 9,171 | \$ - | \$ - |
| Hardware | \$ 21,852 | \$ 73,042 | \$ - | \$ - |
| Paint and painters' supplies | \$ 17,595 | \$ 14,582 | \$ - | \$ - |
| Explosives | \$ 2,549 | \$ 1,418 | \$ - | \$ - |
| Fencing materials (not to include posts) | \$ 983 | \$ 13,597 | \$ - | \$ - |
| Guard rail materials (not to include posts) | \$ 297 | \$ - | \$ - | \$ - |
| Signs, metal | \$ 5,213 | \$ 6,878 | \$ - | \$ - |
| Brick | \$ 34,542 | \$ 1,438 | \$ - | \$ - |
| Stone, crushed and all other | \$ 3,984 | \$ 46,650 | \$ - | \$ - |
| Gravel | \$ 88,377 | \$ 114,115 | \$ - | \$ - |
| Sand | \$ 38,501 | \$ 22,268 | \$ - | \$ - |
| Cement | \$ 12,059 | \$ 36,475 | \$ - | \$ - |
| Concrete, ready-mix | \$ 47,838 | \$ 17,584 | \$ - | \$ - |
| Bituminous materials (not including oil) | \$ 294,372 | \$ 217,388 | \$ - | \$ - |
| Calcium chloride, salt and other chemicals | \$ 18,724 | \$ 20,093 | \$ - | \$ - |
| Oil, for road construction | \$ 6,395 | \$ 15,635 | \$ - | \$ - |
| Borrow pits, earth fill, cinders, etc. | \$ 1,442 | \$ 2,109 | \$ - | \$ - |
| Roofing materials | \$ - | \$ 4,199 | \$ - | \$ - |
| All other materials, unable to classify | \$ 166,179 | \$ 105,816 | \$ - | \$ - |
| TOTAL COST OF MATERIALS | \$ 1,046,976 | \$ 1,152,533 | \$ - | \$ - |

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Table 55. - Principal Statistics of the Construction Industry in Saskatchewan in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-----------|------------|
| | | No. | No. | \$ | \$ | \$ | \$ |
| <u>1938</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 329 | 2,004 | 2,136,533 | 3,286,122 | 3,732,088 | 2,731,085 | 6,463,173 |
| Municipalities | 9 | 360 | 350,379 | 123,822 | 150,063 | 384,586 | 534,949 |
| Provincial and Dominion Government Departments | 7 | 3,279 | 1,750,056 | 402,087 | 3,113,510 | 908,592 | 4,022,102 |
| Totals | 345 | 5,643 | 4,236,968 | 3,812,031 | 6,995,661 | 4,024,563 | 11,020,224 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 367 | 2,274 | 2,455,715 | 4,612,661 | 5,116,787 | 3,011,694 | 8,128,481 |
| Municipalities | 9 | 719 | 580,118 | 477,525 | 761,058 | 355,153 | 1,116,211 |
| Provincial and Dominion Government Departments | 6 | 1,667 | 1,652,308 | 566,024 | 3,131,474 | 1,052,898 | 4,184,372 |
| Totals | 382 | 4,660 | 4,688,141 | 5,656,210 | 9,009,319 | 4,419,745 | 13,429,064 |

Table 56. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities and Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 154,273 | 175,426 | 329,699 | 214,577 | 190,845 | 405,422 |
| Dwellings, semi-detached or double .. | 2,700 | 10,107 | 12,807 | - | 25,533 | 25,533 |
| Apartment houses | - | 50,052 | 50,052 | - | 69,816 | 69,816 |
| Hotels, clubs, restaurants, etc. | 64,401 | 19,547 | 83,948 | 22,026 | 8,387 | 30,413 |
| Churches and church halls | - | - | - | 48,167 | - | 48,167 |
| Hospitals and sanatoria | 136,814 | 3,895 | 142,709 | - | 4,089 | 4,089 |
| Schools, institutions, etc. | - | - | - | 93,675 | 9,095 | 102,770 |
| Office buildings | 181,173 | 33,543 | 214,716 | 333,065 | 68,533 | 401,598 |
| Stores | 41,970 | 124,341 | 166,311 | 82,091 | 85,002 | 167,093 |
| Theatres and amusement halls | 20,247 | 19,316 | 39,563 | - | 11,282 | 11,282 |
| Factories, warehouses and store-houses | 94,214 | 372,814 | 467,028 | 340,613 | 459,297 | 799,910 |
| Elevators, grain | 431,719 | 1,004,648 | 1,436,367 | 1,140,753 | 977,738 | 2,118,491 |
| Garages | 16,983 | 9,363 | 26,346 | 28,602 | 21,926 | 50,528 |
| Service stations | 42,890 | - | 42,890 | - | - | - |
| Farm buildings | 7,444 | 7,585 | 15,029 | 12,654 | 9,982 | 22,636 |
| Armouries and barracks | - | - | - | 110,251 | 40,847 | 151,098 |
| Buildings, unable to specify | 501,749 | 160,852 | 662,601 | 567,681 | 160,577 | 728,258 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 169,245 | 75,377 | 244,622 | 348,290 | 94,361 | 442,651 |
| Gravel or stone surfaced streets, highways, etc. | 1,056,492 | 455,928 | 1,512,420 | 1,659,242 | 543,448 | 2,202,690 |
| Dirt or clay roads | 1,419,732 | 442,590 | 1,862,322 | 941,418 | 333,465 | 1,274,823 |

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Table 56. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors), Municipalities and Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|---|-------------------|------------------|---|-------------------|
| | 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. | - | 23,368 | 23,368 | 49,159 | 27,942 | 77,101 |
| Sidewalks | 1,428 | 21,141 | 22,569 | 42,980 | 19,319 | 62,299 |
| Roadside maintenance and area improvement | - | 6,537 | 6,537 | 5,408 | 3,745 | 9,156 |
| Bridges, viaducts, all types | 216,464 | 1,599 | 218,023 | 255,512 | 9,393 | 265,205 |
| Subways, overhead crossings, etc. | - | - | - | - | 162 | 162 |
| Culverts | - | 4,914 | 4,914 | - | 3,960 | 3,960 |
| Watermains and connections | 56,424 | 82,519 | 138,943 | 480,241 | 107,964 | 588,205 |
| Sewers and connections | 13,573 | 63,672 | 77,245 | 72,201 | 41,376 | 113,577 |
| Storm sewers | 30,682 | 5,646 | 36,328 | 17,749 | 3,368 | 21,117 |
| Tile drains, drainage ditches and open sewers | 28,642 | 2,694 | 31,336 | 10,143 | 6,533 | 16,676 |
| Dams and reservoirs | 574,207 | 356 | 574,563 | 785,259 | 108,035 | 893,294 |
| Fencing (excluding temporary snow fencing) | 403,464 | 3,596 | 407,060 | 530,317 | 19,605 | 549,922 |
| Guard rails | - | - | - | 180 | 171 | 351 |
| Signs | - | 2,056 | 2,056 | 547 | 1,423 | 1,970 |
| Zone painting | - | - | - | - | 1,520 | 1,520 |
| Electric stations, power plants, etc. | - | 3,494 | 3,494 | 183,035 | 46,511 | 229,546 |
| Transmission lines and towers | 175,297 | 51,872 | 227,169 | 22,788 | 68,674 | 91,462 |
| Aerodromes or landing fields | 120,611 | 13,755 | 134,366 | - | 3,844 | 3,844 |
| Park systems, including grounds and walks | 6,900 | 29,091 | 35,991 | 730 | 40,330 | 41,060 |
| Telephone and telegraph lines | - | - | - | 3,434 | 864 | 4,298 |
| Engineering, unable to specify | 814,876 | 69,563 | 884,439 | 221,310 | 52,436 | 273,746 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 48,989 | - | 48,989 | 14,325 | 5,519 | 19,844 |
| Retaining walls, embankments and riprapping | - | - | - | 48,022 | - | 48,022 |
| Canals and waterways | - | - | - | - | 1,093 | 1,093 |
| Works, unable to specify | 5,628 | 15,589 | 21,217 | 93,577 | - | 93,577 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 2,923 | 792 | 3,715 | 2,663 | - | 2,663 |
| Bricklaying | - | 6,427 | 6,427 | - | 5,492 | 5,492 |
| Carpentry work | - | 17,956 | 17,956 | - | 20,348 | 20,348 |
| Concreting and Cement work | 206 | 5,452 | 5,658 | 10,313 | - | 10,313 |
| Electrical work | 29,673 | 81,639 | 111,312 | 76,302 | 105,299 | 181,601 |
| Flooring | - | 5,077 | 5,077 | - | 2,293 | 2,293 |
| Lathing, plastering and stucco | - | 7,975 | 7,975 | 1,625 | 13,094 | 14,719 |
| Painting and decorating | - | 137,656 | 137,656 | - | 112,541 | 112,541 |
| Plumbing, heating and sanitary engineering | 48,925 | 234,462 | 283,387 | 48,454 | 261,639 | 310,093 |
| Roofing, sheet metal | - | - | - | - | 10,076 | 10,076 |
| Roofing, all other | 4,542 | 15,909 | 20,451 | 7,446 | 19,990 | 27,436 |
| Sheet metal work, other than roofing.. | 19,118 | 76,407 | 95,525 | 11,478 | 93,741 | 105,219 |
| Tiling, marble and terrazzo | 1,105 | 1,047 | 2,752 | - | - | - |
| Weatherstripping and insulation | - | 2,733 | 2,733 | - | - | - |
| Trades, unable to specify | 47,938 | 63,295 | 111,233 | 70,716 | 86,919 | 157,635 |
| TOTAL VALUE OF WORK PERFORMED ... | 6,995,661 | 4,024,563 | 11,020,224 | 9,009,319 | 4,419,745 | 13,429,064 |

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Table 57. - Description, Classification and Value of Work Performed in Saskatchewan by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|------------------|------------------|-------------------------------------|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Building Construction | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 148,129 | 172,511 | 320,640 | 206,071 | 184,344 | 390,415 |
| Dwellings, semi-detached or double.. | 2,700 | 10,107 | 12,807 | - | 25,533 | 25,533 |
| Apartment houses | - | 50,052 | 50,052 | - | 69,816 | 69,816 |
| Hotels, clubs, restaurants, etc. ... | 64,401 | 19,547 | 83,948 | 22,026 | 8,387 | 30,413 |
| Churches and church halls | - | - | - | 48,167 | - | 48,167 |
| Hospitals and sanatoria | 138,814 | 3,895 | 142,709 | - | 4,089 | 4,089 |
| Schools, institutions, etc. | - | - | - | 93,675 | 9,095 | 102,770 |
| Office buildings | 172,349 | 23,451 | 195,800 | - | 51,586 | 51,586 |
| Stores | 41,970 | 124,341 | 166,311 | 82,091 | 85,002 | 167,093 |
| Theatres and amusement halls | 20,247 | 19,316 | 39,563 | - | 11,282 | 11,282 |
| Factories, warehouses and store- houses | 92,565 | 368,649 | 461,214 | 316,056 | 454,619 | 770,675 |
| Elevators, grain | 431,719 | 1,004,648 | 1,436,367 | 1,140,753 | 977,738 | 2,118,491 |
| Garages | 12,283 | 3,678 | 15,961 | 21,455 | 20,561 | 42,016 |
| Service stations | 42,890 | - | 42,890 | - | - | - |
| Farm buildings | 5,622 | 2,823 | 8,445 | 3,830 | 6,930 | 10,760 |
| Buildings, unable to specify | 491,278 | 143,370 | 634,648 | 945,702 | 138,846 | 1,084,545 |
| Engineering Construction | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 26,194 | - | 26,194 | - | - | - |
| Gravel or stone surfaced streets, highways, etc. | 44,506 | - | 44,506 | 399,193 | - | 399,193 |
| Dirt or clay roads | 151,764 | - | 151,764 | 67,106 | - | 67,106 |
| Sidewalks | - | - | - | 3,543 | - | 3,543 |
| Bridges, viaducts, all types | 40,185 | - | 40,185 | 84,084 | - | 84,084 |
| Water mains and connections | 8,800 | - | 8,800 | - | - | - |
| Dams and reservoirs | 533,645 | - | 533,645 | 632,598 | - | 632,598 |
| Electric stations, power plants, etc. | - | 3,494 | 3,494 | 183,035 | 46,811 | 229,846 |
| Transmission lines and towers | 165,480 | - | 165,480 | - | - | - |
| Aerodromes or landing fields | 54,419 | - | 54,419 | - | - | - |
| Engineering, unable to specify | 839,552 | 108,187 | 947,739 | 551,390 | 185,623 | 737,013 |
| Harbours, Rivers, etc. | | | | | | |
| Works, unable to specify | 48,146 | 15,589 | 63,735 | 87,015 | - | 87,015 |
| Trade Construction | | | | | | |
| Air conditioning | 2,923 | 792 | 3,715 | 2,663 | - | 2,663 |
| Bricklaying | - | 6,427 | 6,427 | - | 5,492 | 5,492 |
| Carpentry work | - | 17,956 | 17,956 | - | 20,348 | 20,348 |
| Concreting and cement work | 206 | 5,452 | 5,658 | 10,313 | - | 10,313 |
| Electrical work | 29,673 | 51,639 | 111,312 | 76,302 | 105,299 | 181,601 |
| Flooring | - | 5,077 | 5,077 | - | 2,293 | 2,293 |
| Lathing, plastering and stucco | - | 7,975 | 7,975 | 1,625 | 13,094 | 14,715 |
| Painting and decorating | - | 137,656 | 137,656 | - | 112,541 | 112,541 |
| Plumbing, heating and sanitary engineering | 48,925 | 234,462 | 283,387 | 48,454 | 261,639 | 310,093 |
| Roofing, sheet metal | - | - | - | - | 10,076 | 10,076 |
| Roofing, all other | 4,542 | 15,909 | 20,451 | 7,446 | 19,990 | 27,436 |
| Sheet metal work, other than roofing | 19,118 | 76,407 | 95,525 | 11,478 | 93,741 | 105,219 |
| Tiling, marble and terrazzo | 1,105 | 1,647 | 2,752 | - | - | - |
| Weatherstripping and insulation | - | 2,733 | 2,733 | - | - | - |
| Trades, unable to specify | 47,938 | 63,295 | 111,233 | 70,716 | 86,919 | 157,635 |
| TOTAL VALUE OF WORK PERFORMED | 3,732,085 | 2,731,085 | 6,463,173 | 5,116,787 | 3,011,694 | 8,128,481 |

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Table 58. - Description, Classification and Value of Work Performed by Subcontractors in Saskatchewan in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Air conditioning | \$ 8,545 | 3,065 | \$ 11,610 | \$ 14,736 | \$ - | \$ 14,736 |
| Concreting and cement work | 3,604 | - | 3,604 | - | - | - |
| Electrical work | 66,175 | 19,500 | 85,675 | 29,718 | 29,026 | 58,744 |
| Glass and glazing | - | - | - | 16,018 | - | 16,018 |
| Lathing, plastering and stucco | 29,885 | 9,310 | 39,195 | 46,746 | 5,381 | 52,127 |
| Painting and decorating | 14,318 | 3,572 | 17,890 | 23,092 | 18,492 | 41,584 |
| Plumbing, heating and sanitary engineering | 99,182 | 32,161 | 131,343 | 135,065 | 60,969 | 196,034 |
| Roofing, sheet metal | 15,052 | 4,023 | 17,075 | 9,663 | 6,674 | 16,337 |
| Roofing, all other | 11,638 | 2,703 | 14,341 | 17,076 | 20,485 | 37,561 |
| Sheet metal work, other than roofing.. | 13,054 | 17,045 | 30,100 | 33,619 | 11,435 | 45,054 |
| Tiling and marble work | - | 4,415 | 4,415 | 31,644 | - | 31,644 |
| Work, unable to specify | 69,762 | 34,207 | 103,969 | 123,559 | 61,054 | 184,613 |
| TOTAL VALUE OF WORK PERFORMED | 329,215 | 130,002 | 459,217 | 480,936 | 213,516 | 694,452 |

Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | \$ 6,144 | 2,915 | \$ 9,059 | \$ 8,506 | \$ 6,501 | \$ 15,007 |
| Office buildings | 8,824 | 10,092 | 18,916 | 14,167 | 16,947 | 31,114 |
| Factories | - | - | - | 19,003 | - | 19,003 |
| Warehouses or storehouses | 1,649 | 4,165 | 5,814 | 5,554 | 4,678 | 10,232 |
| Garages | 4,700 | 5,655 | 10,385 | 7,147 | 1,365 | 8,512 |
| Farm buildings | 1,822 | 4,762 | 6,584 | 8,824 | 3,052 | 11,876 |
| Schools, institutions, etc. | 2,545 | - | 2,545 | - | - | - |
| Armouries and barracks | - | - | - | 38,151 | 38,041 | 76,192 |
| All other buildings and structures | 7,926 | 17,482 | 25,408 | 12,977 | 24,537 | 37,514 |
| Hard surfaced or paved streets, highways, etc. | 143,051 | 75,377 | 218,428 | 231,496 | 94,361 | 325,857 |
| Gravel or stone surfaced streets, highways, etc. | 1,011,986 | 447,759 | 1,459,745 | 1,260,049 | 510,485 | 1,770,534 |
| Dirt or clay roads | 1,267,968 | 430,290 | 1,698,258 | 874,312 | 333,465 | 1,207,777 |
| Grading, scraping, oiling, filling,etc. | - | 23,368 | 23,368 | 11,882 | 27,942 | 39,824 |
| Sidewalks | - | 21,331 | 21,331 | 39,437 | 19,164 | 58,601 |
| Roadside maintenance and area improvement | - | 6,537 | 6,537 | 5,408 | 3,748 | 9,156 |
| Bridges, viaducts, all types | 176,279 | 1,019 | 177,298 | 171,728 | 2,684 | 174,412 |
| Subways, overhead crossings, etc. | - | - | - | - | 162 | 162 |
| Culverts | - | 4,559 | 4,559 | 1,370 | 3,960 | 5,330 |
| Storm sewers | - | 4,346 | 4,346 | 17,575 | 3,365 | 20,943 |
| Tile drains, drainage ditches and open sewers | 28,642 | 2,694 | 31,336 | 10,143 | 6,533 | 16,676 |
| Fencing (excluding temporary snow fencing) | 403,464 | 3,596 | 407,060 | 529,567 | 19,605 | 549,172 |
| Guard rails | - | 168 | 168 | 180 | 171 | 351 |
| Signs | - | 2,056 | 2,056 | 547 | 1,423 | 1,970 |
| Zone painting | - | - | - | - | 1,520 | 1,520 |
| Water mains and connections | 47,624 | 80,024 | 127,648 | 300,303 | 82,252 | 382,555 |
| Reservoirs | 7,933 | - | 7,933 | 31,363 | 27,433 | 58,796 |
| Sewers and connections | 11,241 | 63,672 | 74,913 | 58,639 | 23,220 | 81,859 |
| Pole or distribution line, electric .. | 9,817 | 14,534 | 24,351 | 4,543 | 13,971 | 18,514 |
| Docks, wharves, piers, breakwaters .. | 5,158 | - | 5,158 | 10,320 | 5,519 | 15,839 |
| Retaining walls and riprapping | - | - | - | 48,022 | - | 48,022 |

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Table 59. - Description, Classification and Value of Work Performed in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|------------------|------------------|-------------------------------------|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Canal gates | \$ - | \$ - | \$ - | \$ 10,567 | \$ 1,093 | \$ 11,660 |
| Water control or dams | 32,629 | 350 | 32,979 | 121,298 | 80,509 | 201,807 |
| Aerodromes or landing fields | 66,192 | 13,755 | 79,947 | 32,368 | 3,844 | 36,212 |
| Park systems, including grounds and walks | 6,900 | 29,091 | 35,991 | 730 | 40,330 | 41,060 |
| Telephone and telegraph lines | - | - | - | 3,434 | 864 | 4,298 |
| Works, unable to specify | 11,079 | 23,801 | 34,880 | 2,922 | 5,304 | 8,226 |
| TOTAL VALUE OF WORK PERFORMED | 3,263,573 | 1,293,478 | 4,557,051 | 3,892,532 | 1,408,051 | 5,300,583 |

Table 60.- Cost of Materials Used in Saskatchewan by Municipalities, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | 1939 | |
|---|----------------|-------|------------------|-------|
| | Cost | Value | Cost | Value |
| Lumber and timber, rough and dressed | \$ 51,522 | | \$ 100,231 | |
| Lumber and timber, creosoted or chemically treated .. | 2,006 | | 17,902 | |
| Piling, wood (including treated piling) | 3,922 | | 8,001 | |
| Piling, steel | - | | 744 | |
| Piling, other | 2,665 | | - | |
| Posts, wood | 73,973 | | 127,755 | |
| Iron and steel shapes | 3,872 | | 5,427 | |
| Iron and steel forms | 2,880 | | 1,570 | |
| Iron and steel reinforcing | 13,927 | | 10,105 | |
| Hydrants | 2,565 | | 1,993 | |
| Manhole covers and frames | 943 | | 1,497 | |
| Pipe, metal | 12,145 | | 172,406 | |
| Pipe, concrete | 10,376 | | 39,660 | |
| Pipe, vitrified clay, etc. | 8,511 | | 28,179 | |
| Culverts | 57,052 | | 61,585 | |
| Rope or cable, wire | 814 | | 3,091 | |
| Rope, other | - | | 236 | |
| Wire netting or mesh | 303 | | 253 | |
| Electric light standards | - | | 200 | |
| Electrical supplies | 19,438 | | 53,464 | |
| Plumbing and shop supplies | 3,605 | | 7,854 | |
| Lead and lead pipe | 1,747 | | 7,136 | |
| Pipe fittings | 4,675 | | 17,161 | |
| Valves | 2,092 | | 9,227 | |
| Hardware | 14,669 | | 30,816 | |
| Paint and painters' supplies | 4,829 | | 8,975 | |
| Explosives | 460 | | 852 | |
| Fencing materials (not to include posts) | 94,823 | | 33,447 | |
| Guard rail materials (not to include posts) | 600 | | - | |
| Signs, metal | 5,232 | | 9,491 | |
| Brick | 1,712 | | 2,433 | |
| Stone, crushed and all other | 1,128 | | 21,024 | |
| Gravel | 33,768 | | 58,914 | |
| Sand | 1,269 | | 4,624 | |
| Cement | 15,750 | | 39,029 | |
| Concrete, ready mix | 857 | | 737 | |
| Bituminous materials (not including oil) | 13,161 | | 43,651 | |
| Calcium chloride, salt and other chemicals | 4,467 | | 1,594 | |
| Oil, for road construction | 31,374 | | 44,649 | |
| Borrow pits, earth fill, cinders, etc. | 500 | | 5,011 | |
| Roofing materials | - | | 2,373 | |
| All other materials (unable to classify) | 22,277 | | 60,252 | |
| TOTAL COST OF MATERIALS USED | 525,909 | | 1,043,549 | |

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ALBERTA

Table 61. - Principal Statistics of the Construction Industry in Alberta in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>1938</u> | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 540 | 2,721 | 3,040,251 | 4,719,387 | 5,341,898 | 3,152,294 | 8,494,192 |
| Municipalities | 4 | 559 | 691,358 | 345,409 | 247,444 | 793,742 | 1,041,156 |
| Provincial and Dominion Government Departments | 6 | 1,738 | 1,867,302 | 1,090,493 | 2,036,256 | 1,595,028 | 3,631,284 |
| Totals | 550 | 5,018 | 5,598,911 | 6,155,289 | 7,625,598 | 5,541,064 | 13,166,662 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 605 | 3,010 | 3,738,202 | 7,112,702 | 8,129,247 | 3,784,420 | 11,913,667 |
| Municipalities | 4 | 704 | 867,221 | 446,057 | 595,073 | 789,059 | 1,384,132 |
| Provincial and Dominion Government Departments | 5 | 1,869 | 2,228,908 | 1,310,217 | 2,615,887 | 1,942,983 | 4,558,870 |
| Totals | 614 | 5,583 | 6,834,331 | 8,868,976 | 11,340,207 | 6,516,462 | 17,856,669 |

Table 62. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, and Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | | | | | | |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 630,903 | 315,567 | 946,470 | 775,540 | 292,703 | 1,068,243 |
| Dwellings, semi-detached or double .. | - | 17,632 | 17,632 | 20,395 | 31,744 | 52,139 |
| Duplexes | 8,400 | 8,045 | 16,445 | 20,235 | 20,537 | 41,072 |
| Apartment houses | 95,567 | 52,140 | 177,707 | 78,331 | 92,779 | 171,110 |
| Hotels, clubs, restaurants, etc. | 62,543 | 59,675 | 122,218 | 114,124 | 127,718 | 241,842 |
| Churches and church halls | 48,705 | 6,543 | 55,248 | 66,769 | 28,640 | 95,409 |
| Hospitals and sanatoria | 30,567 | 5,181 | 35,748 | 92,540 | 181,065 | 273,605 |
| Schools, institutions, etc. | 142,079 | 29,583 | 171,662 | 152,984 | 36,158 | 189,142 |
| Office buildings | 202,432 | 394,906 | 597,338 | 264,020 | 435,335 | 699,355 |
| Stores | 844,037 | 143,071 | 987,108 | 1,480,542 | 209,184 | 1,689,726 |
| Theatres and amusement halls | - | 102,743 | 102,743 | - | 23,518 | 23,518 |
| Factories, warehouses and storehouses | 812,200 | 324,468 | 1,136,668 | 2,709,666 | 421,854 | 3,131,520 |
| Elevators, grain | 251,641 | 601,577 | 853,218 | 258,666 | 732,426 | 991,092 |
| Garages | 71,721 | 43,209 | 114,930 | 58,214 | 30,609 | 85,823 |
| Service stations | 53,424 | 95,052 | 148,476 | 90,952 | 108,770 | 199,722 |
| Mine buildings | - | - | - | - | 18,733 | 18,733 |
| Farm buildings | 69,554 | 33,131 | 102,685 | 88,617 | 21,624 | 110,241 |
| Armouries and barracks | - | - | - | 168,557 | 49,849 | 218,206 |
| Buildings, unable to specify | 318,057 | 16,211 | 334,268 | 231,001 | 59,590 | 290,891 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 925,280 | 177,397 | 1,102,677 | 1,155,767 | 220,706 | 1,376,473 |
| Gravel or stone surfaced streets, highways, etc. | 966,949 | 606,820 | 1,573,769 | 1,083,128 | 672,094 | 1,755,222 |
| Mud or clay roads | 265,935 | 297,718 | 563,653 | 351,524 | 463,714 | 815,238 |
| Grading, scraping, oiling, filling, etc. | 32,302 | 28,656 | 60,958 | 24,597 | 101,622 | 126,219 |
| Sidewalks | 39,485 | 40,946 | 80,431 | 62,972 | 42,726 | 105,698 |
| Roadside maintenance and area improvement | 6,225 | 27,857 | 34,082 | 4,123 | 32,473 | 36,596 |
| Bridges, viaducts, all types | 145,322 | 284,793 | 430,115 | 198,203 | 285,311 | 483,514 |

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Table 62. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors), Municipalities, and Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|---|-------------------|-------------------|---|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Engineering Construction - concluded.</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Subways, overhead crossings, etc. | - | - | - | 73,086 | - | 73,086 |
| Culverts | 58,671 | 14,665 | 73,336 | 58,447 | 5,641 | 64,088 |
| Water mains and connections | 40,252 | 117,222 | 157,474 | 153,899 | 106,181 | 260,080 |
| Sewers and connections | 65,044 | 50,854 | 115,898 | 86,217 | 37,734 | 123,951 |
| Storm sewers | 3,232 | 1,787 | 5,019 | 12,275 | 2,179 | 14,454 |
| Tile drains, drainage ditches and open sewers | 2,176 | 13,237 | 15,413 | 5,709 | 10,024 | 15,733 |
| Dams and reservoirs | 144,620 | 6,981 | 151,601 | 83,980 | 3,869 | 87,849 |
| Fencing (excluding temporary snow fencing) | 14,018 | 1,396 | 15,414 | 3,874 | 2,882 | 6,756 |
| Guard rails | 9,732 | 5,837 | 15,569 | 13,653 | 5,946 | 19,599 |
| Signs | 1,947 | 5,221 | 5,168 | 1,625 | 4,516 | 6,141 |
| Zone painting | - | 2,560 | 2,560 | - | 570 | 570 |
| Electric stations, power plants, etc. | 88,822 | 2,145 | 90,967 | - | - | - |
| Transmission lines and towers | 261,882 | 147,579 | 409,461 | 171,567 | 232,585 | 404,152 |
| Aerodromes or landing fields | 186,825 | 36,517 | 223,342 | 98,594 | 30,313 | 128,907 |
| Park systems, including grounds & walks | 23,470 | 192,107 | 215,577 | 24,910 | 182,136 | 207,046 |
| Telephone and telegraph lines | - | - | - | 13,059 | 19,286 | 32,345 |
| Engineering, unable to specify | 173,877 | 161,085 | 334,962 | 191,514 | 80,999 | 272,513 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters .. | - | - | - | 12,127 | 11,073 | 23,200 |
| Retaining walls, embankments and ripraping | - | - | - | 5,586 | - | 5,586 |
| Dredging | 23,643 | 940 | 24,583 | - | - | - |
| Works, unable to specify | 28,149 | - | 28,149 | 75,000 | - | 75,000 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 19,248 | 4,055 | 23,303 | 26,448 | 11,744 | 38,192 |
| Bricklaying | 14,589 | 19,115 | 33,704 | 9,595 | 15,193 | 24,788 |
| Carpentry work | 10,960 | 19,737 | 30,697 | 18,600 | 26,567 | 45,167 |
| Commercial refrigeration | 6,761 | - | 6,761 | - | - | - |
| Concreting and cement work | 19,827 | 19,019 | 38,846 | 24,075 | 12,252 | 36,327 |
| Electrical work | 50,961 | 117,416 | 168,377 | 62,936 | 119,093 | 182,029 |
| Excavating | 43,686 | - | 43,686 | 39,888 | 2,150 | 42,038 |
| Lathing, plastering and stucco | 15,920 | 38,515 | 54,435 | 37,132 | 24,426 | 61,558 |
| Ornamental iron work | - | 15,878 | 15,878 | 11,226 | 20,216 | 31,442 |
| Painting and decorating | 8,399 | 170,486 | 178,885 | 21,179 | 141,686 | 162,865 |
| Plumbing, heating and sanitary engineering | 121,241 | 371,985 | 493,226 | 156,631 | 412,958 | 569,589 |
| Roofing, sheet metal | - | 925 | 925 | - | 4,080 | 4,080 |
| Roofing, all other | 7,516 | 21,426 | 28,942 | 7,335 | 31,234 | 38,569 |
| Sheet metal work, other than roofing ... | 28,293 | 63,441 | 91,734 | 29,347 | 79,705 | 109,052 |
| Tiling, marble and terrazzo | 13,905 | - | 13,905 | - | - | - |
| Wrecking and demolition | - | 1,335 | 1,335 | - | - | - |
| Trades, unable to specify | 114,604 | 176,677 | 291,281 | 259,226 | 137,342 | 396,568 |
| TOTAL VALUE OF WORK PERFORMED | 7,625,598 | 5,541,064 | 13,166,662 | 11,340,207 | 6,516,462 | 17,856,669 |

Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dwellings, single | 630,641 | 305,798 | 936,439 | 753,768 | 287,388 | 1,041,156 |
| Dwellings, semi-detached or double | - | 17,632 | 17,632 | 20,395 | 31,744 | 52,139 |
| Duplexes | - | 8,045 | 8,045 | 20,235 | 20,837 | 41,072 |
| Apartment houses | 95,567 | 82,140 | 177,707 | 78,331 | 92,779 | 171,110 |

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Table 63. - Description, Classification and Value of Work Performed in Alberta by General and Trade Contractors (including Subcontractors) in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|------------------|------------------|-------------------------------------|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction - concluded</u> | | | | | | |
| Hotels, club, restaurants, etc. | 62,543 | 59,675 | 122,218 | 114,124 | 127,718 | 241,842 |
| Churches and church halls | 48,705 | 6,543 | 55,248 | 66,769 | 28,640 | 95,409 |
| Hospitals and sanatoria | 30,567 | 5,151 | 35,748 | 92,540 | 181,065 | 273,605 |
| Schools, institutions, etc. | 142,079 | 27,620 | 169,699 | 152,984 | 36,158 | 189,142 |
| Office buildings | 134,280 | 75,214 | 209,494 | 154,588 | 116,026 | 270,614 |
| Stores | 844,037 | 143,071 | 987,108 | 1,480,542 | 209,184 | 1,689,726 |
| Theatres and amusement halls | - | 102,743 | 102,743 | - | 23,518 | 23,518 |
| Factories, warehouses and storehouses ... | 811,925 | 307,957 | 1,119,882 | 2,703,937 | 395,927 | 3,099,884 |
| Elevators, grain | 251,641 | 601,577 | 853,218 | 258,666 | 732,426 | 991,092 |
| Garages | 71,496 | 35,952 | 107,448 | 58,214 | 18,414 | 76,628 |
| Service stations | 53,424 | 95,052 | 148,476 | 90,952 | 108,770 | 199,722 |
| Mine buildings | - | - | - | - | 18,733 | 18,733 |
| Farm buildings | 67,324 | 23,071 | 90,395 | 81,974 | 16,842 | 98,816 |
| Buildings, unable to specify | 289,559 | 11,675 | 301,234 | 231,060 | 46,854 | 277,914 |
| <u>Engineering Construction</u> | | | | | | |
| Gravel or stone surfaced streets, highways, etc. | 232,645 | - | 232,645 | 180,391 | - | 180,391 |
| Grading, scraping, oiling, filling, etc. | 31,452 | - | 31,452 | 23,414 | - | 23,414 |
| Sidewalks | 2,246 | - | 2,246 | - | - | - |
| Watermains and connections | - | - | - | 19,825 | - | 19,825 |
| Dams and reservoirs | 129,164 | - | 129,164 | 80,365 | - | 80,365 |
| Electric stations, power plants, etc. | 88,822 | 2,145 | 90,967 | - | - | - |
| Aerodromes and landing fields | 134,170 | - | 134,170 | 59,212 | - | 59,212 |
| Engineering, unable to specify | 682,117 | 202,160 | 884,277 | 622,902 | 252,751 | 875,653 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Works, unable to specify | 31,584 | - | 31,584 | 80,441 | - | 80,441 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 19,248 | 4,055 | 23,303 | 26,448 | 11,744 | 38,192 |
| Bricklaying | 14,589 | 19,115 | 33,704 | 9,595 | 15,193 | 24,788 |
| Carpentry work | 10,960 | 19,737 | 30,697 | 18,600 | 26,567 | 45,167 |
| Commercial refrigeration | 6,761 | - | 6,761 | - | - | - |
| Concreting and cement work | 19,827 | 19,019 | 38,846 | 24,075 | 12,252 | 36,327 |
| Electrical work | 50,961 | 117,416 | 168,377 | 62,936 | 119,093 | 182,029 |
| Excavating | 43,686 | - | 43,686 | 39,888 | 2,150 | 42,038 |
| Lathing, plastering and stucco | 15,920 | 38,515 | 54,435 | 37,132 | 24,426 | 61,558 |
| Ornamental iron work | - | 15,878 | 15,878 | 11,226 | 20,216 | 31,442 |
| Painting and decorating | 8,399 | 170,486 | 178,885 | 21,179 | 141,686 | 162,565 |
| Plumbing, heating and sanitary engineering | 121,241 | 371,985 | 493,226 | 156,631 | 412,958 | 569,589 |
| Roofing, sheet metal | - | 925 | 925 | - | 4,080 | 4,080 |
| Roofing, all other | 7,516 | 21,426 | 28,942 | 7,335 | 31,234 | 38,569 |
| Sheet metal work, other than roofing | 28,293 | 63,441 | 91,734 | 29,347 | 79,705 | 109,052 |
| Tiling, marble and terrazzo | 13,905 | - | 13,905 | - | - | - |
| Wrecking and demolition | - | 1,335 | 1,335 | - | - | - |
| Trades, unable to specify | 114,604 | 175,710 | 290,314 | 259,226 | 137,342 | 396,568 |
| TOTAL VALUE OF WORK PERFORMED | 5,341,898 | 3,152,294 | 8,494,192 | 5,129,247 | 3,784,420 | 11,913,667 |

Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---------------------------------|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Air conditioning</u> | | | | | | |
| Air conditioning | 58,922 | - | 58,922 | 59,769 | - | 59,769 |
| Bricklaying | 19,616 | 10,473 | 30,089 | 7,229 | 2,834 | 10,063 |
| Carpentry work | - | - | - | 5,968 | 1,298 | 7,266 |
| Concreting and cement work | 20,887 | 9,738 | 30,625 | 37,599 | 15,930 | 53,529 |

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Table 64. - Description, Classification and Value of Work Performed in Alberta by Subcontractors in 1938 and 1939.
(Concluded)

| | 1938 | | | 1939 | | |
|---|------------------|---|------------------|---------------------|---|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Electrical work | \$ 170,564 | 58,772 | \$ 229,336 | \$ 178,684 | \$ 55,837 | \$ 234,521 |
| Excavating | 21,522 | - | 21,522 | 31,726 | - | 31,726 |
| Lathing, plastering and stucco | 101,816 | 61,571 | 163,387 | 181,499 | 66,512 | 248,011 |
| Painting and decorating | 23,265 | 18,834 | 42,099 | 48,332 | 20,429 | 68,761 |
| Plumbing, heating and sanitary engineering | 367,094 | 76,306 | 443,400 | 485,603 | 99,562 | 585,165 |
| Roofing, sheet metal | 6,603 | - | 6,603 | - | - | - |
| Roofing, all other | 47,308 | 15,679 | 62,987 | 69,546 | 27,329 | 96,875 |
| Sheet metal work (other than roofing) | 51,528 | 14,687 | 66,515 | 100,022 | 28,645 | 128,667 |
| Street and highway work | 33,698 | - | 33,698 | - | - | - |
| Tiling, marble and terrazzo | 41,819 | - | 41,819 | 107,144 | - | 107,144 |
| Work, unable to specify | 369,763 | 36,347 | 406,110 | 459,583 | 57,387 | 516,970 |
| TOTAL VALUE OF WORK PERFORMED | 1,334,735 | 302,407 | 1,637,142 | 1,772,704 | 375,763 | 2,148,467 |

Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial
and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|---------------------|---|----------------|---------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | \$ - | \$ 9,769 | \$ 9,769 | \$ 21,772 | \$ 5,315 | \$ 27,087 |
| Office buildings | 68,152 | 319,692 | 387,844 | 109,432 | 319,309 | 428,741 |
| Warehouses or storehouses | - | 16,511 | 16,511 | 5,729 | 25,927 | 31,656 |
| Garages | - | 7,257 | 7,257 | - | 12,195 | 12,195 |
| Farm buildings | 2,230 | 10,060 | 12,290 | 6,643 | 4,782 | 11,425 |
| Schools, institutions, etc. | - | 1,963 | 1,963 | - | - | - |
| Armouries and barracks | - | - | - | 166,157 | 35,192 | 201,349 |
| All other buildings and structures | 37,660 | 4,536 | 42,196 | 2,341 | 27,493 | 29,834 |
| Hard surfaced or paved streets, highways, etc. | 746,441 | 174,797 | 921,238 | 901,694 | 213,408 | 1,115,102 |
| Gravel or stone surfaced streets, highways, etc. | 734,304 | 553,705 | 1,288,009 | 902,737 | 598,759 | 1,501,496 |
| Dirt or clay roads | 265,935 | 297,718 | 563,653 | 346,008 | 463,714 | 809,722 |
| Grading, scraping, oiling, filling, etc. | - | 28,656 | 28,656 | 1,183 | 95,122 | 96,305 |
| Sidewalks | 37,239 | 40,826 | 78,065 | 61,335 | 42,690 | 104,025 |
| Roadside maintenance and area improvement | 6,225 | 27,857 | 34,082 | 4,123 | 32,473 | 36,596 |
| Bridges, viaducts, all types | 73,374 | 284,393 | 357,767 | 150,711 | 285,311 | 436,022 |
| Subways, overhead crossings, etc. | - | - | - | 73,086 | - | 73,086 |
| Culverts | 58,671 | 14,665 | 73,336 | 58,447 | 5,641 | 64,088 |
| Storm sewers | 3,232 | 1,787 | 5,019 | 12,275 | 2,179 | 14,454 |
| Tile drains, drainage ditches and open sewers | 2,176 | 13,237 | 15,413 | 5,709 | 10,024 | 15,733 |
| Fencing (excluding temporary snow fencing) | 14,018 | 1,396 | 15,414 | 3,874 | 2,882 | 6,756 |
| Guard rails | 9,732 | 5,837 | 15,569 | 13,653 | 5,946 | 19,599 |

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Table 65. - Description, Classification and Value of Work Performed in Alberta by Municipalities, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|------------------|---|----------------|------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| Signs | 1,947 | 3,221 | 5,168 | 1,625 | 4,516 | 6,141 |
| Zone painting | - | 2,560 | 2,560 | - | 570 | 570 |
| Watermains and connections | 14,530 | 117,222 | 131,752 | 134,074 | 104,516 | 238,590 |
| Reservoirs | - | - | - | 1,465 | 150 | 1,615 |
| Sewers and connections | 40,868 | 50,639 | 91,507 | 65,445 | 29,267 | 94,712 |
| Pole or distribution lines, electric | 52,931 | 111,757 | 164,688 | 58,153 | 99,533 | 157,686 |
| Docks, wharves, piers, breakwaters | - | - | - | 6,686 | 11,073 | 17,759 |
| Retaining walls and riprappling | - | - | - | 5,586 | - | 5,586 |
| Dredging | 20,208 | 940 | 21,148 | - | - | - |
| Water control or dams | 15,456 | - | 15,456 | 2,150 | 3,719 | 5,869 |
| Aerodromes or landing fields | 52,655 | 36,517 | 89,172 | 39,382 | 30,313 | 69,695 |
| Park systems, including grounds and walks | 23,470 | 192,107 | 215,577 | 24,910 | 182,136 | 207,046 |
| Telephone and telegraph lines | - | - | - | 13,059 | 19,286 | 32,345 |
| Works, unable to specify | 2,246 | 59,145 | 61,391 | 11,516 | 58,601 | 70,117 |
| TOTAL VALUE OF WORK PERFORMED | 2,283,700 | 2,388,770 | 4,672,470 | 3,210,960 | 2,732,042 | 5,943,002 |

Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | 1939 | |
|--|------------|------------|------------|------------|
| | Cost Value | Cost Value | Cost Value | Cost Value |
| \$ | \$ | \$ | \$ | \$ |
| Lumber and timber, rough and dressed | - | 151,503 | - | 200,628 |
| Lumber and timber, creosoted or chemically treated | - | 42,360 | - | 50,975 |
| Piling, wood (including treated piling) | - | 24,245 | - | 25,753 |
| Piling, other | - | 543 | - | 123 |
| Posts, wood | - | 2,042 | - | 4,059 |
| Posts, steel | - | 2,969 | - | 5,273 |
| Posts, other | - | 3,177 | - | 6,503 |
| Iron and steel shapes | - | 90,657 | - | 106,553 |
| Iron and steel forms | - | 2,760 | - | 1,682 |
| Iron and steel reinforcing | - | 6,851 | - | 4,902 |
| Hydrants | - | 455 | - | 1,102 |
| Manhole covers and frames | - | 3,541 | - | 2,994 |
| Pipe, metal | - | 32,110 | - | 37,043 |
| Pipe, concrete | - | 1,241 | - | 1,187 |
| Pipe, vitrified clay, etc. | - | 11,702 | - | 14,870 |
| Culverts | - | 43,138 | - | 50,134 |
| Rope or cable, wire | - | 1,397 | - | 4,262 |
| Rope, other | - | 561 | - | 1,084 |
| Wire netting or mesh | - | 8,982 | - | 10,194 |
| Electric light standards | - | - | - | 85,543 |
| Electrical supplies | - | 83,713 | - | 21,436 |
| Plumbing and shop supplies | - | 11,370 | - | 15,035 |
| Lead and lead pipe | - | 2,282 | - | 4,204 |
| Pipe fittings | - | 9,839 | - | 13,021 |

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Table 66. - Cost of Materials Used in Alberta by Municipalities, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | 1939 |
|---|------------|------------|
| | Cost Value | Cost Value |
| | \$ | \$ |
| Valves | 3,673 | 10,350 |
| Hardware | 39,337 | 67,991 |
| Paint and painters' supplies | 23,340 | 29,639 |
| Explosives | 9,403 | 15,795 |
| Fencing materials (not to include posts) | 2,865 | 5,632 |
| Guard rail materials (not to include posts) | 1,753 | 2,013 |
| Signs, metal | 1,367 | 1,291 |
| Brick | 2,982 | 3,508 |
| Stone, crushed and all other | 5,346 | 2,139 |
| Gravel | 283,578 | 313,743 |
| Sand | 14,062 | 17,214 |
| Cement | 16,938 | 28,022 |
| Concrete, ready mix | 42,926 | 37,617 |
| Bituminous materials (not including oil) | 206,166 | 275,262 |
| Calcium chloride, salt and other chemicals | 71,403 | 7,073 |
| Oil, for road construction | 22,386 | 54,066 |
| Borrow pits, earth fill, cinders, etc. | - | 483 |
| Roofing materials | - | 6,563 |
| All other materials (unable to classify) | 150,939 | 159,010 |
| TOTAL COST OF MATERIALS | 1,435,902 | 1,756,274 |

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BRITISH COLUMBIA

Table 67. - Principal Statistics of the Construction Industry in British Columbia in 1938 and 1939.

| | Reports Received | Salaried Employees and Wage-earners | Salaries and Wages Paid | Cost of Materials Used | Value of Work Performed | | |
|--|------------------|-------------------------------------|-------------------------|------------------------|-------------------------|-------------------------------------|-------------|
| | | | | | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>1938</u> | No. | No. | \$ | \$ | \$ | \$ | \$ |
| General and Trade Contractors and Subcontractors | 1,490 | 7,566 | 9,181,256 | 14,148,297 | 17,710,757 | 5,197,013 | 22,907,770 |
| Municipalities | 30 | 2,270 | 1,866,843 | 1,026,373 | 1,187,306 | 1,578,528 | 3,065,834 |
| Harbours Board, Provincial and Dominion Government Departments | 7 | 1,869 | 1,532,121 | 543,788 | 1,430,702 | 773,038 | 2,203,740 |
| Totals | 1,527 | 11,705 | 12,580,220 | 15,718,458 | 20,328,765 | 7,848,579 | 28,177,344 |
| <u>1939</u> | | | | | | | |
| General and Trade Contractors and Subcontractors | 1,582 | 6,929 | 8,650,282 | 12,310,185 | 15,613,642 | 5,113,845 | 20,727,487 |
| Municipalities | 29 | 1,899 | 1,852,849 | 1,174,794 | 1,396,081 | 1,775,841 | 3,171,922 |
| Harbours Board, Provincial and Dominion Government Departments | 7 | 1,923 | 1,852,599 | 1,125,465 | 2,007,553 | 1,078,571 | 3,086,124 |
| Totals | 1,618 | 10,751 | 12,355,530 | 14,610,444 | 19,017,276 | 7,968,257 | 26,985,533 |

Table 68. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board and Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|------------------|-------------------------------------|-------------|------------------|-------------------------------------|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 5,316,831 | 613,466 | 5,930,297 | 4,956,820 | 624,318 | 5,581,168 |
| Dwellings, semi-detached or double .. | 53,952 | 25,061 | 79,013 | 30,071 | 11,289 | 41,360 |
| Duplexes | 135,875 | 7,751 | 143,626 | 102,762 | - | 102,762 |
| Apartment houses | 416,062 | 87,372 | 503,434 | 358,718 | 98,742 | 457,460 |
| Hotels, clubs, restaurants, etc. | 173,722 | 71,553 | 245,275 | 174,892 | 127,590 | 302,482 |
| Churches and church halls | 107,314 | 10,522 | 117,836 | 57,968 | 4,904 | 62,872 |
| Hospitals and sanatoria | 298,625 | - | 298,625 | 395,513 | 51,550 | 447,063 |
| Schools, institutions, etc. | 363,346 | 256,739 | 620,085 | 515,743 | 216,834 | 732,577 |
| Office buildings | 513,827 | 283,595 | 797,422 | 455,296 | 339,250 | 794,546 |
| Stores | 887,540 | 515,630 | 1,203,170 | 523,477 | 501,883 | 1,025,360 |
| Theatres and amusement halls | 234,350 | 44,311 | 278,661 | 214,559 | 23,140 | 237,699 |
| Factories, warehouses and storehouses | 2,657,409 | 297,450 | 3,054,859 | 1,435,301 | 622,276 | 2,057,577 |
| Elevators, grain | - | 11,159 | 11,159 | - | 22,971 | 22,971 |
| Garages | 91,590 | 55,232 | 146,822 | 95,304 | 11,974 | 107,278 |
| Service stations | 115,988 | - | 115,988 | 31,388 | 143,788 | 175,176 |
| Mine buildings | - | - | - | 62,459 | - | 62,459 |
| Farm buildings | 96,996 | 28,225 | 125,221 | 131,158 | 3,156 | 134,314 |
| Armouries and barracks | - | - | - | 792,551 | 79,895 | 872,446 |
| Buildings, unable to specify | 608,980 | 312,680 | 921,660 | 395,956 | 69,459 | 465,415 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 1,202,981 | 378,325 | 1,581,306 | 616,656 | 360,343 | 976,999 |
| Gravel or stone surfaced streets, highways, etc. | 794,708 | 392,265 | 1,186,973 | 765,511 | 408,316 | 1,173,827 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

BRITISH COLUMBIA

Table 68. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors), Municipalities, The Harbours Board and Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|---|-------------------|---|-------------------|---------------------|---|-------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| <u>Engineering Construction - concluded</u> | \$ | \$ | \$ | \$ | \$ | \$ |
| Dirt or clay roads | 214,558 | 91,963 | 306,521 | 378,953 | 88,293 | 467,246 |
| Grading, scraping, oiling, filling, etc. | 86,333 | 111,511 | 197,844 | 73,518 | 244,086 | 317,604 |
| Sidewalks | 62,251 | 79,854 | 142,105 | 71,305 | 70,713 | 142,018 |
| Roadside maintenance & area improvement | 101,628 | 165,604 | 267,232 | 150,773 | 139,178 | 289,951 |
| Bridges, viaducts, all types | 317,812 | 120,686 | 438,498 | 121,021 | 102,487 | 223,508 |
| Culverts | 33,063 | 55,295 | 88,358 | 56,648 | 36,558 | 93,206 |
| Water mains and connections | 496,244 | 298,631 | 794,875 | 860,147 | 357,458 | 1,217,905 |
| Sewers and connections | 112,791 | 66,997 | 179,788 | 184,862 | 83,867 | 268,729 |
| Storm sewers | 57,536 | 6,023 | 63,559 | 36,599 | 7,803 | 44,402 |
| Tile drains, drainage ditches and open sewers | 32,678 | 51,925 | 84,603 | 31,290 | 47,028 | 78,318 |
| Dams and reservoirs | 52,261 | 28,746 | 81,007 | 65,151 | 72,741 | 137,892 |
| Fencing (excluding temporary snow fencing) | 1,539 | 2,684 | 4,223 | 28,951 | 2,732 | 31,683 |
| Guard rails | - | 2,344 | 2,344 | 1,660 | 716 | 2,376 |
| Signs | 5,250 | 3,389 | 8,639 | 3,282 | 3,837 | 7,119 |
| Zone painting | 353 | 5,033 | 5,386 | 350 | 4,249 | 4,599 |
| Electric stations, power plants, etc. | 1,486,323 | 93,544 | 1,579,867 | 1,351,080 | 9,299 | 1,360,379 |
| Transmission lines and towers | 243,341 | 112,032 | 355,373 | 134,823 | 75,108 | 209,931 |
| Railway (steam) construction work | - | 23,337 | 23,337 | - | 11,155 | 11,155 |
| Aerodromes or landing fields | 394,575 | 22,819 | 417,394 | - | 10,192 | 10,192 |
| Park systems, including grounds & walks | 233,854 | 93,733 | 327,587 | 32,721 | 277,032 | 309,753 |
| Telephone and telegraph lines | - | - | - | 24,803 | 22,582 | 47,385 |
| Engineering, unable to specify | 381,691 | 244,551 | 626,242 | 793,169 | 178,485 | 971,654 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 260,538 | 436,699 | 697,237 | 447,101 | 269,102 | 716,203 |
| Retaining walls, embankments & ripraping | 98,275 | 36,171 | 134,446 | 95,160 | 130,358 | 225,518 |
| Dredging | 280,255 | 246,410 | 526,665 | 363,064 | 223,672 | 586,736 |
| Pile driving | 17,462 | 25,973 | 43,435 | 59,034 | 40,992 | 100,026 |
| Works, unable to specify | 8,344 | - | 8,344 | - | - | - |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 20,500 | 3,261 | 23,761 | 26,851 | 6,002 | 32,853 |
| Bricklaying | 30,504 | 64,829 | 95,333 | 36,490 | 42,770 | 79,260 |
| Carpentry work | 22,274 | 45,367 | 67,641 | 18,451 | 42,878 | 61,329 |
| Commercial refrigeration | 6,262 | - | 6,262 | 25,632 | - | 25,632 |
| Concreting and cement work | 47,594 | 26,685 | 74,279 | 30,919 | 21,974 | 52,893 |
| Electrical work | 341,318 | 207,542 | 548,860 | 107,177 | 134,627 | 241,804 |
| Elevators, service | 89,183 | 239,051 | 328,234 | - | 84,149 | 84,149 |
| Excavating | 66,875 | - | 66,875 | 40,240 | - | 40,140 |
| Flooring | - | 39,872 | 39,872 | 7,430 | 26,617 | 34,047 |
| Glass and glazing | - | 80,536 | 80,536 | 39,354 | 108,359 | 147,713 |
| Lathing, plastering and stucco | 52,550 | 41,856 | 94,406 | 55,063 | 33,936 | 88,999 |
| Ornamental iron work | 55,008 | - | 55,008 | 9,634 | - | 9,634 |
| Painting and decorating | 51,847 | 362,535 | 414,382 | 118,534 | 383,242 | 501,776 |
| Plumbing, heating & sanitary engineering | 202,741 | 630,188 | 832,929 | 287,121 | 566,538 | 853,659 |
| Roofing, sheet metal | 9,489 | 23,654 | 33,143 | 15,658 | 39,803 | 55,461 |
| Roofing, all other | 20,702 | 40,650 | 61,352 | 71,259 | 36,067 | 107,326 |
| Sheet metal work, other than roofing | 160,149 | 256,786 | 416,935 | 156,518 | 167,579 | 324,097 |
| Structural steel work | - | - | - | - | 832 | 832 |
| Tiling, marble and terrazzo | - | 24,720 | 24,720 | - | 14,389 | 14,389 |
| Wrecking and demolition | - | - | - | - | 12,411 | 12,411 |
| Trades, unable to specify | 102,718 | 43,757 | 146,475 | 493,177 | 14,653 | 507,830 |
| TOTAL VALUE OF WORK PERFORMED | 20,328,765 | 7,848,579 | 28,177,344 | 19,017,276 | 7,968,257 | 26,985,533 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

BRITISH COLUMBIA

Table 69. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors) in 1938 and 1939.

| | 1938 | | | 1939 | | |
|--|------------------|---|-------------|------------------|---|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| <u>Building Construction</u> | | | | | | |
| Dwellings, single | 5,310,197 | 578,825 | 5,889,022 | 4,945,321 | 614,316 | 5,559,637 |
| Dwellings, semi-detached or double | 53,952 | 25,061 | 79,013 | 30,071 | 11,289 | 41,360 |
| Duplexes | 135,875 | 7,751 | 143,626 | 102,762 | - | 102,762 |
| Apartment houses | 416,062 | 87,372 | 503,434 | 358,718 | 98,742 | 457,460 |
| Hotels, clubs, restaurants, etc. | 173,722 | 71,553 | 245,275 | 174,892 | 127,590 | 302,452 |
| Churches and church halls | 107,314 | 10,522 | 117,836 | 57,968 | 4,904 | 62,872 |
| Hospitals and sanatoria | 276,625 | - | 276,625 | 395,513 | 51,550 | 447,063 |
| Schools, institutions, etc. | 347,504 | 255,427 | 602,931 | 515,743 | 216,834 | 732,577 |
| Office buildings | 510,405 | 242,459 | 752,864 | 455,296 | 305,331 | 760,627 |
| Stores | 887,540 | 315,630 | 1,203,170 | 523,477 | 501,883 | 1,025,360 |
| Theatres and amusement halls | 234,350 | 44,311 | 278,661 | 214,559 | 23,140 | 237,699 |
| Factories, warehouses and storehouses | 2,638,528 | 368,394 | 3,006,922 | 1,381,535 | 589,122 | 1,970,657 |
| Garages | 91,074 | 55,094 | 146,168 | 88,080 | 11,581 | 99,661 |
| Service stations | 115,988 | - | 115,988 | 31,388 | 143,788 | 175,176 |
| Mine buildings | - | - | - | 62,459 | - | 62,459 |
| Farm buildings | 92,100 | 25,399 | 117,499 | 123,611 | 3,156 | 126,767 |
| Armouries and barracks | - | - | - | 121,412 | - | 121,412 |
| Buildings, unable to specify | 521,620 | 289,154 | 810,774 | 206,172 | 56,048 | 262,220 |
| <u>Engineering Construction</u> | | | | | | |
| Hard surfaced or paved streets, highways, etc. | 1,035,678 | - | 1,035,678 | 511,068 | - | 511,068 |
| Gravel or stone surfaced streets, highways, etc. | - | - | - | 404,392 | - | 404,392 |
| Dirt or clay roads | 40,889 | - | 40,889 | 70,014 | - | 70,014 |
| Grading, scraping, oiling, filling, etc. | - | - | - | 53,579 | - | 53,579 |
| Bridges, viaducts, all types | - | - | - | 41,646 | - | 41,646 |
| Watermains and connections | 47,888 | 3,811 | 51,699 | 64,804 | 10,011 | 74,815 |
| Sewers and connections | 21,509 | 1,525 | 23,034 | - | - | - |
| Dams and reservoirs | - | - | - | 41,166 | 41,948 | 83,114 |
| Electric stations, power plants, etc. | 1,486,323 | 93,544 | 1,579,867 | 1,345,003 | - | 1,345,003 |
| Transmission lines and towers | 199,004 | 31,481 | 230,485 | 107,936 | 14,970 | 122,906 |
| Engineering, unable to specify | 1,076,376 | 256,719 | 1,333,095 | 753,118 | 374,075 | 1,127,193 |
| <u>Harbours, Rivers, etc.</u> | | | | | | |
| Docks, wharves, piers and breakwaters | 245,985 | 269,931 | 515,916 | 427,256 | 112,695 | 539,951 |
| Retaining walls, embankments and riprapping | - | - | - | 46,045 | - | 46,045 |
| Dredging | 277,683 | - | 277,683 | 363,064 | - | 363,064 |
| Pile driving | 17,462 | 25,973 | 43,435 | 59,034 | 40,992 | 100,026 |
| Works, unable to specify | 72,707 | 5,808 | 78,515 | - | 23,054 | 23,054 |
| <u>Trade Construction</u> | | | | | | |
| Air conditioning | 20,500 | 3,261 | 23,761 | 26,851 | 6,002 | 32,853 |
| Bricklaying | 30,504 | 64,829 | 95,333 | 36,490 | 42,770 | 79,260 |
| Carpentry work | 22,274 | 45,367 | 67,641 | 15,451 | 42,578 | 61,329 |
| Commercial refrigeration | 6,262 | - | 6,262 | 25,632 | - | 25,632 |
| Concreting and cement work | 47,594 | 26,685 | 74,279 | 30,919 | 21,974 | 52,893 |
| Electrical work | 341,318 | 207,542 | 548,860 | 107,177 | 134,627 | 241,804 |
| Elevators, service | 89,183 | 239,051 | 328,234 | - | 84,149 | 84,149 |
| Excavating | 63,558 | - | 63,558 | 37,272 | - | 37,272 |
| Flooring | - | 39,872 | 39,872 | 7,430 | 26,617 | 34,047 |
| Glass and glazing | - | 80,536 | 80,536 | 39,354 | 108,359 | 147,713 |
| Lathing, plastering and stucco | 52,550 | 41,556 | 94,406 | 55,063 | 33,936 | 85,999 |
| Ornamental iron work | 55,008 | - | 55,008 | 9,634 | - | 9,634 |
| Painting and decorating | 51,847 | 362,535 | 414,382 | 118,534 | 383,242 | 501,776 |
| Plumbing, heating and sanitary engineering | 202,741 | 630,188 | 832,929 | 287,121 | 566,538 | 853,659 |
| Roofing, sheet metal | 9,489 | 23,654 | 33,143 | 15,658 | 39,503 | 55,461 |
| Roofing, all other | 20,702 | 40,650 | 61,352 | 71,259 | 36,067 | 107,326 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

BRITISH COLUMBIA

Table 69. - Description, Classification and Value of Work Performed in British Columbia by General and Trade Contractors (including Subcontractors) in 1938 and 1939 - Concluded.

| | 1938 | | | 1939 | | |
|--|-------------------|---|-------------------|---------------------|---|-------------------|
| | 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 .. | 160,149 | 256,786 | 416,935 | 156,518 | 167,579 | 324,097 |
| Structural steel work | - | - | - | - | 832 | 832 |
| Tiling, marble and terrazzo | - | 24,720 | 24,720 | - | 14,389 | 14,389 |
| Wrecking and demolition | - | - | - | - | 12,411 | 12,411 |
| Trades, unable to specify | 102,718 | 43,737 | 146,455 | 193,177 | 14,653 | 507,830 |
| TOTAL VALUE OF WORK PERFORMED | 17,710,757 | 5,197,013 | 22,907,770 | 15,613,642 | 5,113,845 | 20,727,487 |

Table 70. - Description, Classification and Value of Work Performed in British Columbia by Subcontractors in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---|---------------------|---|------------------|---------------------|---|------------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Air conditioning | \$ | \$ | \$ | \$ | \$ | \$ |
| Bricklaying | 56,560 | - | 56,560 | 66,458 | 8,594 | 75,052 |
| Carpentry work | 126,893 | 6,461 | 133,354 | 98,490 | 8,512 | 107,002 |
| Concreting and cement work | 37,170 | 3,147 | 40,317 | 31,320 | 4,551 | 35,871 |
| Electrical work | 144,424 | 5,590 | 150,014 | 143,587 | 13,376 | 156,963 |
| Excavating | 506,857 | 100,263 | 607,120 | 594,458 | 116,314 | 710,772 |
| Flooring | 21,276 | - | 21,276 | 14,872 | - | 44,872 |
| Glass and glazing | 369,199 | 71,088 | 440,287 | 367,758 | 86,135 | 453,893 |
| Lathing, plastering and stucco | 103,227 | 80,399 | 183,626 | 105,969 | 62,790 | 168,759 |
| Masonry and stone work | 706,107 | 65,758 | 771,865 | 650,788 | 58,368 | 709,156 |
| Ornamental iron work | - | - | - | 39,280 | 1,331 | 40,611 |
| Painting and decorating | 44,202 | 9,802 | 54,004 | - | 8,449 | 8,449 |
| Plumbing, heating and sanitary engineering | 244,896 | 93,857 | 338,753 | 171,918 | 91,533 | 263,451 |
| Roofing, sheet metal | 1,054,725 | 131,453 | 1,186,178 | 1,036,337 | 125,265 | 1,161,602 |
| Roofing, all other | 82,053 | - | 82,053 | 58,183 | 6,718 | 64,901 |
| Sheet metal work, other than roofing | 77,509 | - | 77,509 | 85,182 | 20,986 | 106,168 |
| Tiling, marble and terrazzo | 306,158 | 55,874 | 362,032 | 246,732 | 48,067 | 294,799 |
| Weatherstripping and insulation | 341,629 | 60,886 | 402,515 | 231,959 | 43,414 | 275,373 |
| Work, unable to specify | 27,107 | - | 27,107 | - | - | - |
| TOTAL VALUE OF WORK PERFORMED | 1,936,512 | 100,157 | 2,036,699 | 1,712,752 | 101,153 | 1,813,905 |
| | 6,186,504 | 784,765 | 6,971,269 | 5,686,043 | 805,556 | 6,491,599 |

Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

| | 1938 | | | 1939 | | |
|---------------------------------|---------------------|---|----------------|---------------------|---|----------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| Dwellings | \$ | \$ | \$ | \$ | \$ | \$ |
| Office buildings | 6,634 | 34,041 | 41,275 | 11,499 | 10,032 | 21,531 |
| Warehouses or storehouses | 3,422 | 41,136 | 44,558 | - | 33,919 | 33,919 |
| Garages | 18,581 | 29,056 | 47,937 | 53,766 | 33,154 | 86,920 |
| Elevators, grain | - | 138 | 138 | 7,224 | 393 | 7,617 |
| | - | 5,393 | 5,393 | - | 4,387 | 4,387 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1939.

BRITISH COLUMBIA

Table 71. - Description, Classification and Value of Work Performed in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939. - Concluded.

| | 1938 | | | 1939 | | |
|--|------------------|---|-------------|------------------|---|-------------|
| | New Construction | Alterations Maintenance and Repairs | Total Value | New Construction | Alterations Maintenance and Repairs | Total Value |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Farm buildings | 4,896 | 2,826 | 7,722 | 7,547 | - | 7,547 |
| Schools, institutions, etc. | 15,842 | 1,312 | 17,154 | - | - | - |
| Hospitals and sanatoria | 22,000 | - | 22,000 | - | - | - |
| Armouries and barracks | - | - | - | 671,139 | 74,335 | 745,474 |
| All other buildings and structures | 87,876 | 29,292 | 117,168 | 189,784 | 31,555 | 221,339 |
| Hard surfaced or paved streets, highways, etc. | 167,303 | 356,643 | 523,946 | 105,588 | 348,067 | 453,655 |
| Gravel or stone surfaced streets, highways, etc. | 646,121 | 376,390 | 1,022,511 | 361,119 | 351,075 | 742,194 |
| Dirt or clay roads | 173,669 | 75,662 | 249,331 | 308,939 | 88,293 | 397,232 |
| Grading, scraping, oiling, filling, etc. | 15,516 | 87,999 | 103,515 | 19,939 | 79,410 | 99,349 |
| Sidewalks | 59,491 | 79,815 | 139,312 | 69,056 | 70,463 | 139,519 |
| Roadside maintenance and area improvement | 101,628 | 165,604 | 267,232 | 150,773 | 139,178 | 289,951 |
| Bridges, viaducts, all types | 47,043 | 99,069 | 146,112 | 79,375 | 78,687 | 158,062 |
| Culverts | 26,439 | 43,614 | 70,053 | 31,484 | 36,558 | 68,042 |
| Storm sewers | 57,536 | 6,023 | 63,559 | 36,599 | 7,803 | 144,402 |
| Tile drains, drainage ditches and open sewers | 32,678 | 51,925 | 84,603 | 31,290 | 47,028 | 78,318 |
| Fencing (excluding temporary snow fencing) | 1,539 | 2,684 | 4,223 | 4,339 | 2,732 | 7,071 |
| Guard rails | - | 2,344 | 2,344 | 1,660 | 716 | 2,376 |
| Signs | 5,250 | 3,389 | 8,639 | 3,282 | 3,837 | 7,119 |
| Zone painting | 353 | 5,033 | 5,386 | 350 | 4,249 | 4,599 |
| Water mains and connections | 448,356 | 294,820 | 743,176 | 795,643 | 347,447 | 1,143,090 |
| Reservoirs | - | 16,637 | 16,637 | 2,345 | 29,851 | 32,196 |
| Sewers and connections | 91,282 | 65,472 | 156,754 | 141,934 | 83,267 | 225,201 |
| Electric stations and power plants, etc. | - | - | - | 6,077 | 2,160 | 8,237 |
| Pole or distribution lines, electric | 44,337 | 80,551 | 124,888 | 26,887 | 60,138 | 87,025 |
| Docks, wharves, piers and breakwaters | 14,553 | 166,768 | 181,321 | 19,845 | 156,407 | 176,252 |
| Retaining walls and riprappling | 33,912 | 30,363 | 64,275 | 49,115 | 109,929 | 159,044 |
| Dredging | - | 246,410 | 246,410 | - | 221,047 | 221,047 |
| Water control or dams | 18,372 | 9,890 | 28,262 | 21,640 | 942 | 22,582 |
| Aerodromes or landing fields | 55,932 | 20,719 | 76,651 | 44,964 | 4,233 | 49,197 |
| Excavating | 3,317 | - | 3,317 | 2,868 | - | 2,868 |
| Park systems, including grounds and walks | 233,854 | 93,733 | 327,587 | 27,730 | 245,962 | 273,712 |
| Railway (steam) construction work | - | 13,537 | 13,537 | - | 11,155 | 11,155 |
| Railway (electric) construction work | - | - | - | - | 2,514 | 2,514 |
| Telephone and telegraph lines | - | - | - | 24,803 | 22,582 | 47,385 |
| Works, unable to specify | 179,970 | 112,678 | 292,648 | 95,031 | 74,887 | 169,918 |
| TOTAL VALUE OF WORK PERFORMED | 2,618,008 | 2,651,566 | 5,269,574 | 3,403,634 | 2,854,412 | 6,258,046 |

Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939.

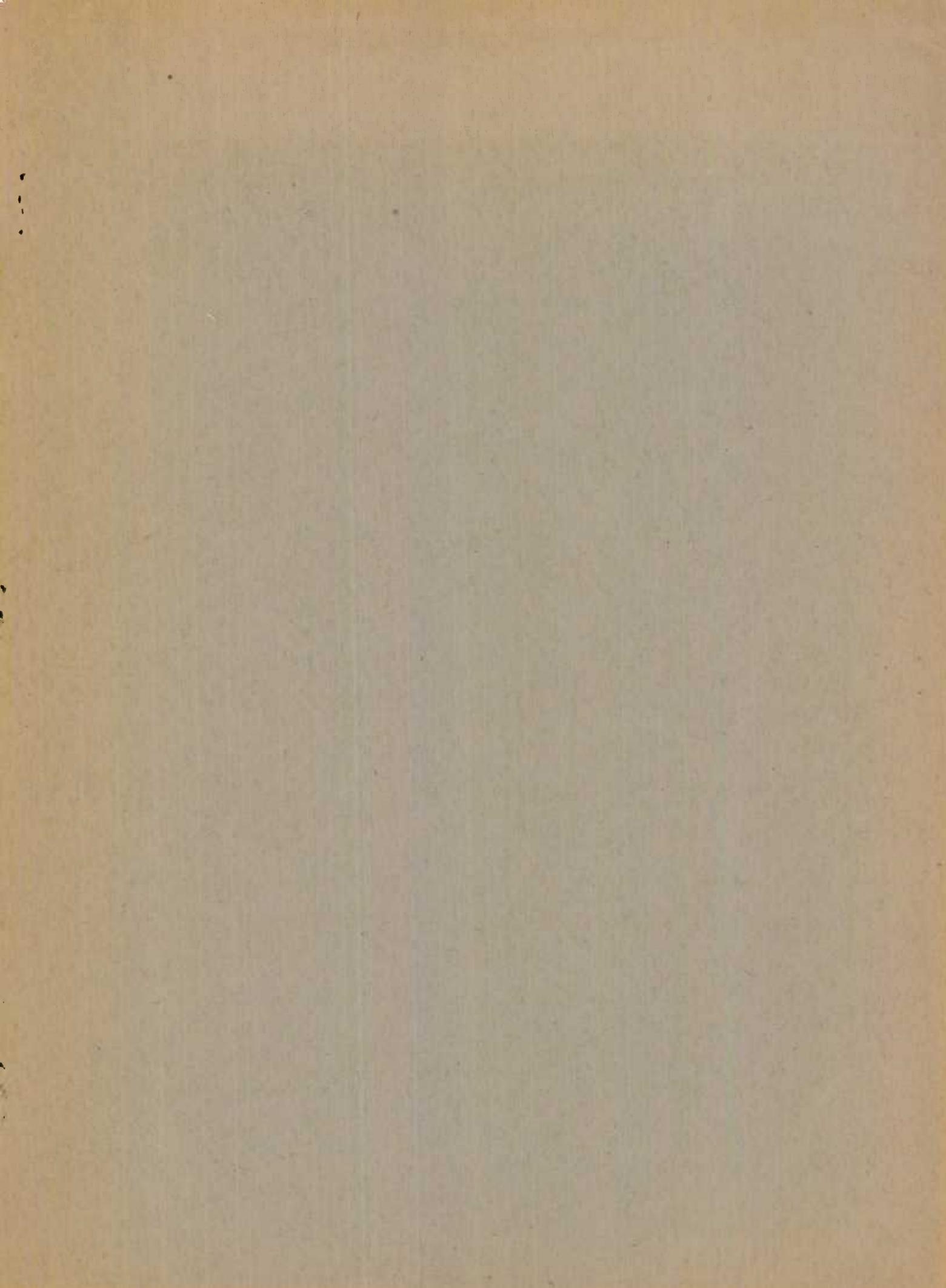
| | 1938 | | 1939 | |
|--|------------|------------|------------|------------|
| | Cost Value | Cost Value | Cost Value | Cost Value |
| Lumber and timber, rough and dressed | \$ | \$ | \$ | \$ |
| Lumber and timber, creosoted or chemically treated | 162,126 | 364,593 | 31,634 | 10,628 |
| Piling, wood (including treated piling) | 4,568 | 18,632 | 4,103 | 213 |
| Piling, steel | 2,062 | 556 | 3,308 | 9,305 |
| Piling, other | - | 1,374 | - | - |
| Posts, wood | - | - | - | - |
| Posts, steel | - | - | - | - |

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BRITISH COLUMBIA

Table 72. - Cost of Materials Used in British Columbia by Municipalities, The Harbours Board, Provincial and Dominion Government Departments in 1938 and 1939 - Concluded.

| | 1938 | 1939 |
|---|------------|------------|
| | Cost Value | Cost Value |
| | \$ | \$ |
| Posts, other | 1,831 | - |
| Iron and steel shapes | 8,116 | 28,728 |
| Iron and steel forms | 38,601 | 8,515 |
| Iron and steel reinforcing | 5,284 | 11,992 |
| Hydrants | 8,451 | 11,705 |
| Manhole covers and frames | 8,309 | 8,896 |
| Pipe, metal | 194,361 | 290,744 |
| Pipe, concrete | 13,996 | 130,549 |
| Pipe, vitrified clay, etc. | 43,622 | 55,392 |
| Pipe, other | - | 26,770 |
| Culverts | 23,508 | 14,002 |
| Rope or cable, wire | 5,664 | 11,036 |
| Rope, other | 1,554 | 1,512 |
| Wire netting or mesh | 2,447 | 2,360 |
| Electric light standards | 2,804 | 5,025 |
| Electrical supplies | 71,388 | 127,723 |
| Plumbing and shop supplies | 22,333 | 40,392 |
| Lead and lead pipe | 4,674 | 7,967 |
| Pipe fittings | 34,765 | 67,156 |
| Valves | 27,486 | 48,641 |
| Hardware | 59,428 | 125,272 |
| Paint and painters' supplies | 20,863 | 30,793 |
| Explosives | 39,899 | 29,624 |
| Fencing materials (not to include posts) | 17,723 | 21,358 |
| Guard rail materials (not to include posts) | - | 265 |
| Signs, metal | 3,185 | 4,015 |
| Brick | 2,942 | 5,875 |
| Stone, crushed and all other | 57,238 | 61,072 |
| Paving blocks | - | 4,576 |
| Gravel | 77,448 | 78,871 |
| Sand | 28,254 | 28,403 |
| Cement | 47,277 | 52,927 |
| Concrete, ready-mix | 23,152 | 20,941 |
| Bituminous materials (not including oil) | 140,867 | 124,323 |
| Calcium chloride, salt and other chemicals | 1,125 | 1,883 |
| Oil for road construction | 42,583 | 49,108 |
| Borrow pits, earth fill, cinders, etc. | 12,766 | 15,365 |
| Roofing materials | - | 28,724 |
| All other materials (unable to classify) | 268,116 | 312,358 |
| TOTAL COST OF MATERIALS | 1,570,161 | 2,300,259 |



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