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# DOMINION BUREAU OF STATISTICS CONSTRUCTION BRANCH OTTAWA 



Dominion Statistician, R.H. Coats, L.L. D., F.R.S.C., F.S.S. (Hon.)
Chief, Construction Branch, F. I. Tanner.

## THE CONSTRUCTION INDUSTRY IN CANADA 1938.

The Construotion Branoh of the Dominion Buroau of Statistios presents herewith a Preliminary Survey of construotion operations in Canada in 1938, which has been campiled from reports of general, trade and suboontractors, reoolved in the Bureau, up to, and inoluding May 31st. 1939.

This report has been published in rosponse to repeated requests by members of the comstruction industry for carly and authoritive information. It does not permit us to arrive at a final eatimate of the value of construction performed in 1938 , being merely a preliminary report. If compiled amually in future, and at the sane date, May 31st, it should onable us to estimate fairly acourate figures of construction operations for the ocmplete year. When wo obtain the peroentage value of construotion operations reported to us by May 31 st of the year, it will then be possible to estimate, on a peroentage basis, the total value of onstruction for that oampleto year.

In viow of the faot that 1938 is the first year for whioh this proliminary survey has boon made, it is naturally impossible to make comparisons and the report may appear same what sketchy. It will be realized, of course, that future years will permit oamparisons, thereby enhanoing the value of this information.

The survey is oamplied from 10,325 ompleted reports which had beem reoived by the and of May, and a detailed tatament of capital, anployment, oost of materials, and a broad olassification of work performed, is shown in Table 1.

The total value of work reported was $\$ 209,443,559$. New work amounted to $\$ 151,149,579$ while additions, alterations, repairs otc., aoounted for $\$ 58,293,980$. A de= tailed desoription and olasaification of this work is shown in Tablo 2 .

Table 3 oontains a desoription and classification of all work performed by subcontraotors, this value, of ourse, being included in that shown in Table 2. Suboontraot work performed in Canada, acoording to this Preliminary Report, amounted to $\$ 36,976,267$ with $\$ 29,641,629$ new construotion and $\$ 7,354,638$ additions, alterations, repairs, eto.

The average employment of wage-sarners, as complled from the 10,325 roports, oomprised 57,562 individuals and wages paid tham amounted to $\$ 57,710,557$. Dotails are shown in Tablo 4.

As stated bove, we are mable to make any oomparison of the figures in this report. That will have to it until next year. We are, however, inoluding the usual Provincial tables whioh give desoriptions and olassifications of work performed by general, trade and suboontractors, also tables showng average amployment and wages.

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.
Table 1. - Preliminary Statement of Construction Operations in 1938 by General, Trade and Subcontraotors in

\$ The averago mege per annum is onlculated on the assumption ( $x$ ) Unable to specify. that the magemenror is omployed full time during the ocraplote yoar.

# THE CONSTRUCTION INDUSTRY IN CANADA, 1938. 

CANADA

Table 2. .. Description, Classification and Value of Work Performed in 1938, by General, Trade and Subcontractors, from Reports Receiyed as at May 31, 1939.

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
| Building Construction | \$ | \$ | \$ |
| Dwellings, single | 19,092,250 | 5,058,568 | 24,150,818 |
| Dwellings, semi detached or double. | 1,878,893 | 579,934 | 2,458,827 |
| Duplexes : on.....c.s.c.........oce. | 2,980,166 | 764,055 | 3,744,221 |
| Apartment houses | 4,680,371 | 1,235,605 | 5,915,976 |
| Hotels, clubs, restaurants, etc. .. | 1,115,009 | 928,616 | 2,043,625 |
| Churches and church halls ........ | 1,296.884 | 913,822 | 2,210,706 |
| Hospitals and sanatoria .......... | 5,537,026 | 323,693 | 5,860,719 |
| Schools, institutions, etc. | 5,380,010 | 2,415,138 | 7,795,148 |
| Office buildings .................. | 4,211,780 | 1,797,014 | 6,008,794 |
| Stores ............................... | 4,726,290 | 3,655,804 | 8,382,094 |
| Theatres and amusement halls .... | 943,542 | 424,462 | 1,368,004 |
| Factories, warehouses and storehouses | 13,694,716 | 4,334,117 | 18,028,833 |
| Grain elevators | 1,179,905 | 2,004,776 | 3,184,681 |
| Garages .............................. | 829,345 | 275,473 | 1,104,818 |
| Service stations .........0........ | 835,489 | 410,983 | 1,246,472 |
| Mine buildings ...................... | 3,919,688 | 264,084 | 4,183,772 |
| Farm buildings ....................... | 801,751 | 205,391 | 1,007,142 |
| Armouries ........................... | 410,310 | - | 410,310 |
| Public buildings | 323,442 | 26,393 | 349,835 |
| Radio stations | 155,581 | -- | 155,581 |
| Hangars ............................. | 474,318 | - | 474,318 |
| Buildings, unable to specify ..... | 599,129 | 786,371 | 1,385,500 |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | 15,1.56,464 | 752,909 | 15,909,373 |
| Gravel or stone surfaced roads and streets | 9,812,258 | 1,644,175 | 11,456,433 |
| Dirt or clay roads ................. | 1,542,214 | 235,317 | 1,777,531 |
| Grading, scraping, oiling, filling, etc. | 5,902,746 | 175,302 | 6,078,048 |
| Sidewalks ......................... | 239,938 | 23,116 | 263,054 |
| Bridges, viaducts, all types ..... | 3,591,159 | 248,239 | 3,839,398 |
| Subways, overhead crossing, etc. .. | 432,142 | - | 432,142 |
| Culverts ............................. | 478,396 | - | 478,396 |
| Water systems and connections...... | 2,342,425 | 77,365 | 2,419,790 |
| Sewer systems and cornections...... | $1,335,946$ | 36,934 | 1,372,880 |
| Storm sewers _ ....................... | 821,373 |  | 821,373 |
| Drains .................e.e.e.e.e.e. | 8,627 | 31,049 | 39,676 |
| Irrigation ............................ | 89,169 | - | 89,169. |
| Dams and reservoirs ................ | $1,657,513$ | 122,311 | 1,779,824 |
| Central electric stations, light and power plants ................... | 7,215,674 | 827,769 | 8,043,443 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

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C A N A D A
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Table 2。 - Description, Classification and Value of Work Performed in 1938 by General. Trade and Subcontractors, from Reports Received as at May 31, 1939. (Concluded)

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
| Engineering Construction-concluded. | \$ | \$ | \$ |
| Transmission lines and towers 0.00 | 4, $523,1.65$ | 1,125,977 | 5,649,142 |
| Railway (steam) construction work . | , | 57,162 | 57,162 |
| Aerodromes or landing fields 000000 | 1,571,725 |  | 1,571,725 |
| Installation of bpilers \& miachinery | 306,461 | -- | 306,461 |
| Engineering, unable to specify $\ldots 0$. | 2,112,844 | 339,351 | 2,452,195 |
| Harbours, Rivers, etco |  |  |  |
| Docks, wharves, piers and breakwaters | 2,483,545 | 1,302,525 | 3,786,070 |
| Retaining walls, embankments and riprapping | 228,371 | 59,789 | 288,160 |
| Canals and waterways .0.c.0.0.0.0. |  | 23,204 | 23,204 |
| Dredging 0000000000000....0.0.0.0. | 1,130,766 | - | 1,130,766 |
| Pile driving 000000.0 | 74,535 | 33,139 | 107,674 |
| Works, unable to specify 0000000 | 56,612 | 781,026 | 837,638 |
| Trade Construction |  |  |  |
| Air conditioning 00000000000000 | 477,113 | 130,536 | 607,649 |
| Bricklaying 00.0.0.0.0.0.0.0.0.0. | 213,456 | 564,643 | 778,099 |
| Carpentry work 0000000000000000000 | 453,127 | 1,037,845 | 1,490,972 |
| Commercial refrigeration ......... | 304,944 | 80,951 | 385,895 |
| Concreting and cement work 000000 | 358,976 | 467,070 | 826,040 |
| Electrical work 00000000000000 | 1,371,763 | 2,530,587 | 3,902,350 |
| Elevators, service 000000000000 | 664,396 | 1,282,860 | 1,947,256 |
| Excavating 0000000000000.0.0.0.0. | 198,867 | 20,312 | 219,179 |
| Flooring . | 131,624 | 265,294 | 396,918 |
| Glass and glazing o............... | 253,787 | 386,103 | 639,890 |
| Lathing, plastering and stucco.... | 354,500 | 641,228 | 995,728 |
| Masonry and stone work .0.0.0.0.0. | 89,565 | 152,874 | 242,439 |
| Ornamental iron work ............ | 210,546 | 116,525 | 327,071 |
| Painting and decorating 00000000 | 489,850 | 3,836,424 | 4,326,274 |
| Plumbing, heating and sanitary engineering | 4,179,653 | 7,873,970 | 12,053,623 |
| Roofing, sheet metal 0.00000000 | 256,565 | 622,954 | 879,519 |
| Roofing, all other | 457,437 | 1,063,744 | 1,521,181 |
| Sheet metal work, other than roofing | 1,042,285 | 1,332,119 | 2,374,404 |
| Sprinkler installation 0000000000 | 152,569 | 25,558 | 178,127 |
| Structural steel work 0.0000000000 | 814,343 | 47,442 | 861,785 |
| Tiling, marble and terazzo 000000 | 214,301 | 262,089 | 476,390 |
| Heatherstripping and insulation 0. | 232,514 | 335,447 | 567,961 |
| Wrecking and demolition 0000000 | - | 201,415 | 201,415 |
| Trades, unable to specify . | 47,435 | 715,032 | 762,467 |
| TOTAL VALUE OF WORK PERFORMED | 151,149,579 | 58,293,980 | 209,443,559 |

## THE CONSTHUCTION INDUSTRY IN CANADA, 1938.

$C A N A D A$
Table 3. - Description, Classification and Value of Fork Performed in 1938 by Subcontractors, from Reports Received as at May 31, 1939.

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | $325,202$ | 96,721 | $421,923$ |
| Air conditioning <br> Brick laying | 762,700 | 136,086 | 898,786 |
| Carpentry work | 467,535 | 105,341 | 572,876 |
| Commercial refrigeration | 144,073 | 270,063 | 414,136 |
| Concreting and cement work | 610,522 | 170,423 | 780,945 |
| Electrical work ....0.0..... | 1,948,520 | 715,587 | 2,664,107 |
| Elevators, service | 265,591 | - | 265,591 |
| Excavating 00000000000000000000 | 251,396 | 7,181 | 259,077 |
| Flooring | $540^{\circ}, 074$ | 124,501 | 664,575 |
| Glass and glazing | 647,680 | 427,749 | 1,075,429 |
| Lathing, plastering and stucco..... | 2,353,877 | 516,945 | 2,870,822 |
| Masonry and stone work 0 | 593,927 | 41,017 | 634,944 |
| Ornamental iron work 0.0000000000 | 425,491 | 131,271 | 556,762 |
| Painting and decorating 00000000 | 868,568 | 912,640 | 1,781,208 |
| Plumbing, heating and sanitary engineering | 6,027,901 | 1,775,160 | 7,803,061 |
| Roofing, sheet metal 0000000000000 | 440,990 | 299,775 | 740,765 |
| Roofing, all other 0000000000000000 | 639,435 | 255,639 | 895,124 |
| Sheet metal work, other than roofing | 1,014,783 | 425,983 | 1,440,766 |
| Sprinkler installation 00000000000 | 458,458 | 15,540 | 473,998 |
| Street and highway work | 1,092,775 | 43,980 | 1,136,755 |
| Structural steel work | 7,184,396 | 223,456 | 7,407,852 |
| Tiling, marble and terrazzo 0000000 | 1,746,102 | 368,210 | 2,114,312 |
| Weatherstripping and insulation 000 | 281,433 | 175,925 | 457,358 |
| Wrecking and demolition | - 70 | 71,767 | 71,767 |
| Sewers and drains .... | 16,797 | - 070 | 16,797 |
| Work, unable to specify $\ldots \ldots \ldots \ldots$ | 532,853 | 23,678 | 556,531 |
| TOTAL VALUE OF WORK PERFORMED | 29,641,629 | 7,334,638 | 36,976,267 |

Table 4. - Average Montily Employment of Wage-Eamers by General, Trade and Subcontractors, in 1938 and their Remuneration, from Reports Received

| Month of : | General Trade and <br> Subcontractors | Month of |  | General, Trade and <br> Subcontractors |
| :---: | :---: | :---: | :---: | :---: |
| J anuary | 36, 181 | September |  | 77,627 |
| February | 35,308 | October |  | 72,971 |
| March | 37, 304 | November |  | 60,933 |
| April -00000nnoonnons | 42, 672 | December |  | 43,552 |
| May 000000000000000n | 57,244 69,675 |  |  | 57,362 |
| June | 69,675 75,916 | Monthly Average |  | 57,362 |
| July | 75,916 78,962 | Amount of Wages | , |  |

## THE CONSTRUCTION INDUSTRY IN CANADA, $1938^{\circ}$ PRINCE EDWARD ISLAND

Table 5. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \% |
| Building Construction |  |  |  |
| Dwellings, single <br> Buildings, unable to specify | 4,534 37,669 | 40,110 | $\begin{array}{r} 4,534 \\ 77,779 \end{array}$ |
| Engineering Construction |  |  |  |
| Engineering, unable to specify | 657,069 |  | 657,069 |
| Harbours, rivers, etco |  |  |  |
| Works, unable to specify | 131,050 | 21,970 | 183,020 |
| Trade Construction |  |  |  |
| Trades, unable to specify $\ldots .=0.00$ | 23,831 | 41,015 | 64,846 |
| TOTAL VALUE OF MORK PERFORMED ... | 884,153 | 103,095 | 987,248 |

Table 6. - Description, Classification and Value of Work Performed in 1938 by


Table 7. - Average Monthly Employment of Wage-Earners by General, Trade and Subcontractors, in 1938 and their Remuneration, from Reports Received

| Month of - | General, Trade and <br> Subcontractors | Month of - | General, Trade and <br> Subcontractor: |
| :---: | :---: | :---: | :---: |
| January ....0.80.0. | 33 | September 0000000.0.00 | 787 |
| February ....0.0.0. | 34 | October 0000000000000 | 406 |
| March 0.0000000000 | 33 | November 0000000000000 | 166 |
| April $00000000=0$ | 46 | December 0000 | 55 |
| May 00000000000000 | 135 |  |  |
| June 000000000000 | 414 | Monthly Average | 285 |
| July 000000000000 | 588 |  |  |
| August 0000000000 | 718 | Amount of Wages Paid | * 294,164 |

THE CONSTRUCTION INDUSTFY IN CANADA, 1938.

## NOVA SCOTIA

Table 8. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | \% | \% | $\$$ |
| Building Construction |  |  |  |
| Dwellings, single | 828,808 | 337,878 | 1,166,686 |
| Dwellings, semi-detached or double. | 12,901 | 7,940 | 20,841 |
| Apartment houses ................... | - | 20,740 | 20,740 |
| Hotels, clubs, restuurants, etc... | 30,638 | 27,597 | 58,235 |
| Churches and church halls ........ | 128,965 | - | 128,965 |
| Schools, institutions, etc........ | - | 21,245 | 21,245 |
| Office buildings ................. | 47,077 | 22,849 | 69,926 |
| Stores ......... | 249,424 | 59,777 | 309,201 |
| Theatres and amusement halls ..... | 227,074 | - | 227,074 |
| Factories, warehouses \& storehouses | 109,832 | 51,766 | 161,598 |
| Garages ........................... | 102,481 | 9,450 | 111,931 |
| Service stations | 21,776 | 34,062 | 55,838 |
| Buildings, unable to specify ..... | 220,059 | 106,407 | 326,466 |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | 1,360,358 | - | 1,360,358 |
| Gravel or stone surfaced roads and streets | 622,671 | - | 622,671 |
| Bridges, viaducts, all types ..... | 70,054 | - | 70,054 |
| Aerodromes or landing fields ..... | 550,240 | - | 550,240 |
| Engineering, unable to specify .... | 1,420,613 | 257,582 | 1,678,195 |
| Harbours, Rivers, etc. |  |  |  |
| Docks, wharves, piers and breakwaters $\qquad$ | 177,526 | - | 177,526 |
| Dredging | 172,953 | 46 | 172,953 |
| Works, unable to specify ......... | 55,253 | 46,154 | 101,407 |
| Trade Construction |  |  |  |
| Air conditioning ................. | - | 6,721 | 6,721 |
| Bricklaying .... | 6,020 | 5,081 | 11,101 |
| Carpentry work ..................... | - | 39,849 | 39,849 |
| Electrical work ................... | 20,611 | 54,996 | 75,607 |
| Lathing, plastering and stucco ... | - | 7,706 | 7,706 |
| Painting and decorating .......... | 7,875 | 63,736 | 71,611 |
| Plumbing, heating and sanitary engineering | 84,102 | 320,432 | 404,534 |
| Roofing, all other ................ | - | 10,913 | 10,913 |
| Sheet metal work, other than roofing | 8,167 | 5,939 | 14,106 |
| Trades, unable to specify | 106,444 | 75,495 | 181,939 |
| TOTAL VALUE OF WORK PERFORMED. | 6,641,922 | 1,594,315 | 8,236,237 |

## THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## NOVA SCOTIA

Table 9. - Description, Classification and Value of Fork Performed in 1938 by Subcontractors, from Reports Received as at May 31, 1939.

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ |
| Air conditioning | 12,221 | - | 12,221 |
| Brick laying | 6,985 | - | 6,985 |
| Electrical work ................... | 33,234 | - | 33,234 |
| Lathing, plastering and stucco ... | 28,836 | - | 28,836 |
| Plumbing, heating and sanitary engineering | 304,099 | 49,771 | 353,870 |
| Roofing, all other .o. | 8,179 | -- | 8,179 |
| Work, unable to specify | 106,031 | 32,629 | 138,660 |
| TOTAL VALUE OF MORK PERFORMED . | 499,585 | 82,400 | 581,985 |

Table 10. - Average Monthly Employment of Wage-Farners by General, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received

| Month of | General and Trade Contractors and Subcontractors | Month of - | General and Trade Contractors and Subcontractors |
| :---: | :---: | :---: | :---: |
| J anuary | 1,675 | August | 4,136 |
| February | 1,466 | September | 4,312 |
| March | 1,458 | October | 3,547 |
| April | 1,653 | November | 2,986 |
| May | 2,842 | December | 2,359 |
| June | 3,866 | Monthly Average | 2,874 |
|  |  | Paid. | \$2,650,672 |

## THE CONSTRUCTIUN INDUSTRY IN CANADA, 1938.

## NEW BRUNSWICK

Table 11. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | $\stackrel{8}{6}$ | \$ | $\$$ |
| Building Construction |  |  |  |
| Dwellings, single | 284,487 | 57,302 | 341,789 |
| Dwellings, semi-detached or double. | 31,586 | 27,881 | 59,467 |
| Apartment houses $\ldots \ldots \ldots \ldots$ | - | 14,273 | 14,273 |
| Hotels, clubs, restaurants, etc. . | - | 20,637 | 20,637 |
| Churches and church halls | 62,924 | 2,598 | 65,522 |
| Hospitals and sanatoria .......... | - | 27,037 | 27,037 |
| Schools, institutions, etc. ....... | - | 9,911 | 9,911 |
| Office buildings | 97,873 | 103,173 | 201,046 |
| Stores ............................. | 56,548 | - | 56,548 |
| Factories, warehouses and storehouses | 570,647 | 13,566 | 584,213 |
| Garages ........................... | 32,844 | 6,822 | 39,726 |
| Buildings, unable to specify | 272,801 | 117,341 | 390,142 |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | $3,100,559$ | 261,471 | $3,100,559$ $1,720,487$ |
| Engineering, unable to specify .... | $1,459,016$ | 261,471 | 1,720,487 |
| Harbours, Rivers, etc. <br> Works, unable to specify ........... | 278,012 | 74,968 | 352,980 |
| Trade Construction |  |  |  |
| Electrical work ................... | 9,278 | 55,334 | 65,112 |
| Flooring | .- | 1,013 | 1,013 |
| Painting and decorating ......... | - | 47,548 | 47,548 |
| Plumbing, heating and sanitary engineering | 50,932 | 124,117 | 175,049 |
| Roofing, all other ................ | - | 6,547 | 6,547 |
| Sheet metal work, other than roofing |  | 31,053 | $31,053$ |
| Trades, unable to specify ........ | 112,232 | 119,715 | 231,947 |
| TOTAL VALUE OF WORK PERFORMED | 6,419,739 | 1,122,867 | 7,542,606 |

## THE CONSTRUCTION INDUSTFY IN CANADA, 1938.

## NEW BRUNSWICR

Table 12。 - Description, Classification and Value of Work Performed in 1938 by Subcontractors. from Reports Received as at May 31, 1939.

| , | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ |
| Concreting and cement work ........... | 13,925 | .- | 13,925 |
| Electrical work .0.0.0.0.0.0.0.0.0.0. | 31,261 | - | 31,261 |
| Excavating 000000000000000000000 | 2,865 |  | 2,865 |
| Lathing, plastering and stucen 0.0000 | 14,647 |  | 14,647 |
| Painting and decorating 000000000000 | 9,149 | 7,473 | 16,622 |
| Plumbing, heating and sanitary engineering | 72,208 | 37,157 | 109,365 |
| Roofing, sheet metal | 3,270 |  | 3,270 |
| Roofing, 111 other ...........0.0.0.0. | 24,070 |  | 24,070 |
| Sheet metal work, other than roofing | 62,259 | 2,335 | 64,594 |
| Fiork, unable to specify ............ | 325,886 | 44,132 | 370,018 |
| TOTAL VALUE OF WORK PERFORMED ..... | 559,540 | 91,097 | 650,637 |

Table 13. - Average Monthly Employment of Wage-Eamers by General, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received as at May 31, 1939.


THE CONSTHUCTION INDUSTRY IN CANADA 1938.

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Table 14. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | $\$$ | \$ | * |
| Building Construction |  |  |  |
| Dwellings, single | 2,013,533 | 876,263 | 2,889,796 |
| Dwellings, semi-detached or double | 1,049,770 | 286,993 | 1,336,763 |
| Duplexes ......................... | 1,834,152 | 454,503 | 2,288,655 |
| Apartment houses ................ | 1,522,759 | 368,259 | 1,891,018 |
| Hotels, clubs, restaurants, etc. | 567,377 | 235,127 | 802,504 |
| Churches and church halls ....... | 668,365 | 455,409 | 1,123,774 |
| Hospitals and sanatoria ......... | 1,523,227 | 99,328 | 1,622,555 |
| Schools, institutions, etc. ..... | 3,010,796 | 1,016,672 | 4,027,468 |
| Office buildings .................. | 1,011,915 | 502,370 | 1,514,285 |
| Stores ........................... | 1,075,986 | 914,739 | 1,990,725 |
| Theatres and amusement halls ..... | 144,885 | 81,824 | 226,709 |
| Factories, warehouses and storehouses | 5,375,459 | 1,361,833 | 6,737,292 |
| Garages .......................... | 279,853 | -72,840 | 352,693 |
| Service stations ................ | 118,618 | 73,254 | 191,872 |
| Mine buildings | 501,620 | 76,469 | 578,089 |
| Farm buildings ................... | 26,387 | 19,803 | 46,190 |
| Buildings, unable to specify .... | 469,943 | 371,703 |  |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | 3,073,764 | 378,666 | 3,452,430 |
| Gravel or stone surfaced roads and streets | 3,726,258 | 411,061 | 4,137,319 |
| Dirt or clyy roads .............. | 330,815 | 84,518 | 415,333 |
| Grading, scraping, oiling, filling Sidewalks | 196,254 | 3,205 | 196,254 116,691 |
| Sidewalks <br> Bridges, viaducts, all types ..... | 113,486 $1,056,831$ | 3,205 138,774 | 1116,691 $1,195,605$ |
| Subways, overhead crossings, etc.. | 97,918 | - | 97,918 |
| Culverts ........................... | 183,571 | - | 183,571 |
| Viater systems and connections .... | 710,821 | 16,167 | 726,988 |
| Electric stations, power plants,etc | 2,610,929 | 275,571 | 2,886,500 |
| Transmission lines and towers .... | 2,391,264 | 624,890 | 3,016,154 |
| Installation of boilers \& machinery | 166,847 | $-$ | 166,847 |
| Engineering, unable to specify ... | 3,455,849 | 252,543 | 3,708,392 |
| Harbours, Rivers, etc. |  |  |  |
| Docks, wharves, piers \& breakwaters Retaining walls, embankments and | 776,721 | 910,742 | 1,687,463 |
|  | 73,844 | $\cdots$ | 73,844 |
| Dredging ......................... | 159,474 | - | 159,474 |
| Prorks, unable to specify ........ | 36,791 | 407.056 | 443,847 |

THE CONSTRUCTION INDUSTKY IN CANADA, 1938.

## QUEBEC

Table 14. - Description, Classification and Value of Mork Performed in 1938 by General, Trade and Subcontractors, from Reports Feceived as at May 31. 1939 - Concluded.

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \% |
| Trade Construction |  |  |  |
| Air conditioning 0000000000000 | 28,299 | 4,295 | 32,594 |
| Bricklay ing 0.0.0.0.0.0.0.0.0.0. | 54,666 | 189,248 | 243,914 |
| Carpentry work | 47,448 | 217,714 | 265,162 |
| Commercial refrigeration 00000. | 24,058 | 26,308 | 50,366 |
| Concreting and cement work ...... | 43,709 | 60,238 | 103,947 |
| Electrical work 00000000000000 | 240,094 | 607, 244 | 847,338 |
| Elevators, service . | 164,043 | 282,503 | 446,546 |
| Excavating ........ | 22,984 |  | 22,984 |
| Flooring | 59,991 | 81,123 | 141,114 |
| Glass and glazing |  | 140,057 | 140,057 |
| Lathing, plastering and stucco | 73,010 | 96,964 | 169,974 |
| Masonry and stone work ....... | 6,525 | 56,298 | 62,823 |
| Ornamental iron work | 64,452 | 56,802 | 121,254 |
| Painting and decorating .......... | 38,121 | 918,589 | 956,710 |
| Plumbing, heating and sanitary engineering | 699,206 | 1,972,814 | 2,672,020 |
|  | 96,163 | 185,319 | 281,482 |
| Roofing, all other | 212,324 | 258,080 | 470,404 |
| Sheet metal work, other than roof ing | 348,327 | 199,808 | 548,135 |
| Sprinkler installation ........... | 95,747 | 18,668 | 114,415 |
| Tiling, marble and terazzo | 59,746 | 115,548 | 175,294 |
| Weatherstripping and insulation | 124,670 | 98,814 | 223,484 |
| Wirecking and demolition |  | 30,416 | 30,416 |
| Trades, unable to specify | 331,935 | 64,247 | 396,182 |
| TOTAL, VALUE OF WORK PERFORMED | 43,191,600 | 16,451,679 | 59,643,279 |

Table 15. - Description, Classification and Value of Work Performed in 1938 by Subcontractors, from Reports Received as at May 31, 1939.

|  | New Construction | Additions, Al terations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \% | \$ | \% |
| Air conditioning | 66,368 | 20,811 | 87,179 |
| Erick laying ... | 259,284 | 39,700 | 298,984 |
| Carpentry work | 132,801 | 35,527 | 168,328 |
| Concreting and cement work | 167,826 | 116,655 | 284,481 |
| Rlectrical work | 351,017 | 194,060 | 545,077 |

## QUEBEC

Table 15. - Description, Classification and Value of Work Performed in 1938 by Subcontractors, from Reports Received as at May 31, 1939 - Concluded.

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | \$ | * | \% |
| Elevators, service | 34,155 | - | 34,155 |
| Excavating .......................... | 99,533 | - | 99,533 |
|  | 86,096 | 34,402 | 120,498 |
| Glass and glazing | 164,727 | 102,041 | 266,768 |
| Lathing, plastering and stucco...... | 535,992 | 139,892 | 675,884 |
| Masonry and stone work 0.0.0....... | 162,975 | 19,488 | 182,463 |
| Ormamental iron work | 141,123 | 99,370 | 240,493 |
| Painting and decorating | 161,883 | 256,543 | 418,426 |
| Plumbing, heating and sanitary engineering | 1,143,928 | 577,179 | 1,721,107 |
| Roofing, sheet metal 0000000000000 | 120,124 | 47,948 | 168,072 |
| Roofing, all other 00000000000000 | 176,784 | 47,494 | 224,278 |
| Sheet metal work, other than roofirg. | 140,837 | 33,762 | 174,599 |
| Sprinkler installation ............0. | - | 12,859 | 12,859 |
| Street and highway work | 808,964 | -- | 808,964 |
| Structural steel work 0000000000000 | 868,585 | 103,123 | 971,708 |
| Tiling, marble and terrazzo ....0.0. | 422,239 | 137,142 | 559,381 |
| Weatherstrippirg and insulation ..... | 146,037 | 50,391 | 196,428 |
| Work, unable to specify 00000.0 .00 | 590,002 | 263,576 | 853,578 |
| TOTAL VALUE OF WORK PERFORMED ..... | $6,781,280$ | 2,331,963 | 9,113,243 |

Table 16. : Average Monthly Enployment of Wage-Eameis by Generai, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received as at May 31, 1939.


## THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## ONTARIO

Table 17. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \% | \% | § |
| Building Construction |  |  |  |
| Dwellings, single | 10,182,912 | 2,509,703 | 12,692,615 |
| Dwellings, seri-detached or double.. | 730,154 | 205,819 | 335,973 |
| Drplexes ........n............0.0.no.o | 998,281 | 267,064 | 1,265,345 |
| Apartment houses | 2,619,220 | 501,865 | 3,121,085 |
| Hotels, clubs, restaurants, etc. .n. | 254,813 | 368,630 | 623,443 |
| Churches and church halls .......... | 321,210 | 397,434 | 718,644 |
| Hospitals and sanatoria | 3,285,165 | 120,945 | 3,406,110 |
| Schools, institutions, etc. $\ldots \ldots \ldots 0$. | 1,600,785 | 1,061,687 | 2,662,472 |
| Office buildings no.0.0............. | 2,336,879 | 727,675 | 3,064,555 |
| Stores .o.............................. | 1,563,429 | 1,665,030 | 3,228,459 |
| Theatres and amusement halls | 288,671. | 170,532 | 459,203 |
| Factories, warehouses and storehouses。 | 3,380,280 | 2,260,689 | 5,640,969 |
| Grain elevators | - | 109,990 | 109,990 |
| Garages non0000000000000 | 207,697 | 78,903 | 286,600 |
| Service stations | 474,058 | 187,619 | 661,677 |
| Mine buildings | 2,625,036 | 119,565 | 2,744,651 |
| Farm buildings | 556,582 | 121,219 | 677,801 |
| Radio stations | 13,974 |  | 13,974 |
| Buildings, unable to spectify 000000 | 767,069 | 246,025 | 1,013,094 |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | 5,228,989 | 329,361 | 5,558,350 |
| Gravel or stone surfaced roads and streets | 4,833,167 | 1,063,166 | 5,896,333 |
| Dirt or clay roads | -925,461 | 123,568 | 1,049,029 |
| Grading, scraping, oiling, fllling .o | 5,469,455 | 82,098 | 5,551,553 |
| Sidewalks 0.0.0.0.0.0.0.0.0.0.0.0.0. | 66,754 | 19,692 | 86,446 |
| Bridges, viaducts, all types ......o | 1,688,944 | 32,630 | 1,721,574 |
| Subways, overhead crossings, etc.... | 308,669 | - | 308,669 |
| Culverts .o........................... | 272,476 |  | 272,476 |
| Water systems and connections 00000 | 1,496,107 | 53,963 | 1,550,070 |
| Sewer systems and connections ...... | 344,047 | 30,459 | 374,506 |
| Storm sewers 0000000000000.0.0.0.0. | 339,843 |  | 339,843 |
| Drains ...0.0. | 8,627 | 31,049 | 39,676 |
| Dams and reservoirs | 395,031 | - | 395,031 |
| Electric stations, power plants, etc. | 741,729 | 77.896 | 819,625 |
| Transmission lines and towers ...... | 339,707 | - | 339,707 |
| Aerodromes or landing fields 0000000 | 481,045 | 10303 | 481,045 |
| Engineering, unable to specify | 439,773 | 183,233 | 623,006 |

## THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## ONTARIO

Table 17. - Description, Classification and Value of Work Performed in 1938 by General., Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
| Harbours, Rivers, etc. | $\$$ | \$ | \$ |
| Docks, wharves, piers and breakwaters | 833,923 | 84,944 | 918,867 |
| Retuining walls, embankments and riprapping | 27,457 | 6,390 | 33,847 |
| Canals and waterways ............. | - | 23,204 | 23,204 |
| Dredging .......... | 515,037 | - | 515,037 |
| Pile driving | 37,282 | 4,422 | 41,704 |
| Works, unable to specify | - | 391,594 | 391,594 |
| Trade Construction |  |  |  |
| Air conditioning | 411,146 | 109,876 | 521,022 |
| Bricklaying 0000.0.0.0......0.0.0. | 105,791 | 227,894 | 333,685 |
| Carpentry work .....0.0.0.0.0.0.0.0. | 337,237 | 623,518 | 960,755 |
| Commercial refrigeration | 254,553 | 29,933 | 284,486 |
| Concreting and cement work | 244,306 | 269,038 | 513,344 |
| Electrical work .....0............ | 667,164 | 1,337,549 | 2,004,713 |
| Elevators, service | 280,220 | 463,022 | 743,242 |
| Excavating | 45,680 | 20,312 | 65,992 |
| Flooring 000000000000000000000000 | 40,513 | 103,512 | 144,025 |
| Glass and glazing ................ | 50,322 | 80,049 | 130,371 |
| Lathing, plastering and stucco .... | 214,514 | 411,464 | 625,978 |
| Masonry and stone work $0.0 \ldots \ldots$ | 81,862 | 95,316 | 177,178 |
| Ornamental iron work ............0. | 100,525 | 18,659 | 119,184 |
| Painting and decorating ........... | 374,778 | 2,037,227 | 2,412,005 |
| Plumbing, heating and sanitary engineering | 2,891,090 | 4,020,503 | 6,911,593 |
| Roofing, sheet metal $0.000 \ldots$ | 109,753 | 314,915 | 424,668 |
| Roofing, all other | 168,880 | 654,434 | 823,314 |
| Sheet metal work, other than roofing | 329,991 | 710,527 |  |
| Sprinkler installation 0.0000000 | 456312 | 3,185 | $3,185$ |
| Structural steel work .............. | 456,312 | 16,866 | 473,178 |
| Tiling, marble and terazzo $\ldots \ldots$. | 143,674 | 101,444 | 245,118 |
| Weatherstripping and insulation ... | 30,941 | 163,905 | 194,846 |
| Wrecking and demolition | - | 125,965 | 125,965 |
| Trades, unable to specify $\ldots \ldots \ldots$ | 202,435 | 585,356 | 787,791 |
| TOTAL VALUE OF WORK PERFORVED ... | 64,541,475 | 26,182,533 | 90,724,008 |

## THE CONSTRUCTION INDUSTRY IN CANADA, $1938^{\circ}$

## ONTARIO

Table 18。 - Description, Classification and Value of Work Performed in 1938 by

|  | New Construction | Additions, Alterations Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
| Air conditioning | $\begin{gathered} \$ \\ 140,552 \end{gathered}$ | 68,503 | $209,055$ |
| Brick laying | 389,624 | 84,598 | 474,222 |
| Carpentry work | 286,444 | 53,853 | 340,297 |
| Concreting and cement work | 259,733 | 38,023 | 297,756 |
| Electrical work | 858,750 | 307,098 | 1,165,848 |
| Elevators, service | 206,078 | - | 206,073 |
| Excavating 000000000000000000000 | 115,989 | 6,941 | 122,930 |
| Flooring 0000000000000000000000 | 87,270 | 15,634 | 102,904 |
| Glass and glazing | 309,922 | 172,559 | 482,481 |
| Lathing, plastering and stucco .0.0.0 | 974,227 | 218,563 | $1_{2,192,790}$ |
| Mesonry and stone work 0000000000 | 402,869 | 20,523 | 423,392 |
| Ornamental iron work | 191,478 | 11,499 | 202,977 |
| Painting and decorating 000000000000 | 425,1.06 | 500,646 | 925,752 |
| Plumbing, heating and sanitary engineering | 2,956,945 | 871.893 | 3,828,838 |
| Roofing, sheet metal | 212,401 | 212,379 | 424,780 |
| Roofing, all other sewouvoco00000000 | 270.729 | 160,397 | 431.120 |
| Sewers and drains 000000000000000000 | 16,79 ? |  | J.6897 |
| Sheet metal mork, ather than roofing.o | 451, 602 | 271,092 | 722,674 |
| Sprinkler installation 0000000000000 | 262, 594 | - | 262,594 |
| Street and highway work 000000000000 | 52, 138 | - | 52,139 |
| Structural steel work | 3,405,405 | 105,914 | 3,511,319 |
| Tiling, marble and terrazzo | 876,597 | 137.594 | 1, 014, 191 |
| Weatherstripping and insulation | 105,053 | 119.816 | 224,867 |
| Wrecking and demolition | - | 46.679 | 46,679 |
| Work, unable to specify | 100,578 | 56, 1.07 | 156,685 |
| total value of hork performed | 13,358,880 | 3,480,285 | $1.6,839,165$ |

Table 19. - Average Monthly Employment of Wage Earners by General., Trade and Subcontractors in 1938 and their Remuneration, from Reports Received as at May 31. 1939.

| Month of - | General, Trade, and Subcontractors | Month of - | General. Trade, and Subcontractors |
| :---: | :---: | :---: | :---: |
| January 00000.00000 | 16,684 | August | 30,970 |
| February | 16,799 | Septemter | 30,876 |
| March .0.0000. | 17,816 | October | 29,511 |
| April 000000000 . 0 | 20,311 | November | 25,02] |
| May | 25,987 | December | 18,886 |
| June | 30, 142 | Monthly Average | 24,491 |
| July 00000000000000 | 30,889 |  |  |
|  |  | Patd | \$ 25,215,777 |

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## MANITOBA

Table 20. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \% | * |
| Building Construction |  |  |  |
| Dwellings, single ooceo.o......0 | 769,783 | 395,835 | 1,165,618 |
| Dwellings, semi-detached or double |  | 11,212 | 11,212 |
| Duplexes eoccouecoo.o.oc.c.ococo | 8,053 | 22,392 | 30,445 |
| Apartment houses 0000000000000 | 209,566 | 125,067 | 334,633 |
| Hotels, clubs, restaurants, etco. | 8,028 | 148,214 | 156,242 |
| Churches and church halls 0.0000 | -- | 3,611 | 3,611 |
| Schools, institutions, etc. $0.00 \cdot$ | 89,599 | 22,782 | 112,381 |
| Office buildings 0.0.0.0.0.000.0. | 74,921 | 143,606 | 218,527 |
| Stores 0000000000000000:00000000 | 121,752 | 426,025 | 547,777 |
| Theatres and amusement halls .... | 55,181 | 19,406 | 74,587 |
| Factories, warehouses and storehouses | - | 166,895 | 166,895 |
| Grain elevators 00000000000 | 404,234 | 350,131 | 754,365 |
| Garages 0000000000000000000000 | 42,172 | 21,904 | 64,076 |
| Service stations 000000000000000 | 31,104 | 37,192 | 58,296 51,162 |
| Farm buildings 0000000000000 | 39,692 $1,447,097$ | 11,470 80,234 | $\begin{array}{r} 51,162 \\ 1,527,331 \end{array}$ |
| Buildings, unable to specify $\ldots \ldots$. | 1,447,097 | 80,234 |  |
|  |  |  |  |
| Dirt or clay roads 0.0.0.0.0.0... | 32,560 |  | 32,560 |
|  | 7,820 |  | $\begin{array}{r} 7,820 \\ 2.454 .470 \end{array}$ |
| Engineering, unable to specify | 2,111,533 | 342,937 | 2,454,470 |
| Harbours, Rivers, etc. Works, unable to specify | 69,838 | 3,000 | 72,838 |
| Irade Construction ${ }_{\text {C\| }}$ 6,203 |  |  |  |
| Atr conditioning 00000.0000. |  | 6,203 11,638 |  |
| Bricklaying |  | 11,638 45,477 | 11,638 62,438 |
| Carpentry work 0000000000000000 | 16,961 | 45,477 | 62,438 76,163 |
| Concreting and cement work 0.000 S | 8,128 | 68,035 174,895 | 76,163 225,457 |
| Electrical work .o. | 50,562 | 174,895 | 225,457 26,829 |
| Elevators, service 0000000000 | 26,829 | - | 26,829 5,852 |
| Excavating 0.00000000000000 | 5,852 |  | 31,874 |
| Lathirg, plastering and stucco o. | - | 31,874 | 31,874 198,968 |
| Pajnting and decorating <br> Plumbing, heating and sanitary |  | 198,968 | 198,968 |
| Plumbing, heating and sanitary engineerirg | 114,327 | 374,898 | 489,225 |
| Roofing, sheet metal | 11.327 | 89,614 | 89,614 |
| Roofing, all other .0.0.0.0.0.0. | - | 58,023 | 58,023 |
| Sheet metal work, other than roofing |  | 109,307 | 109,307 |
| Yieatherstripping and irsulation... | 399,682 | $\begin{array}{r} 66,316 \\ 320,705 \\ \hline \end{array}$ | $\begin{array}{r} 66,316 \\ 720,387 \\ \hline \end{array}$ |
| Trades, unable to specify | 6,145,274 | 3,887,866 | 10,033,140 |

## THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## MANITOBA

Table 21. - Description, Classification and Value of Work Performed in 1938 by

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ |
| Air conditioning | 13,892 | - | 13,892 |
| Carpentry work 0000000000000000000 | 15,022 | 12,104 | 27,126 |
| Electrical work 000000000000.0 | - | 70,742 | 70,742 |
| Lathing, plastering and stucco .... | 56,629 | 24,868 | 81,497 |
| Painting and decorating 000000 | 16,240 | 36,078 | 52,318 |
| Plumbing, heating and sanitary engineering | 263,778 | 42,183 | 305,961 |
| Roofing, all other 0000000000000000 | 29,764 | - | 29,764 |
| Sheet metal work, other than roofing o | 45,234 | 38,503 | 83,737 |
| Tiling, marble and terrazzo | 54,689 | 26,836 | 81,525 |
| Fiork, unable to specify 000000 | 1,720,618 | 94,056 | 1,814,674 |
| TOTAL VALUE OF WORK PERFORMED | 2,215,866 | 345,370 | 2,561,236 |

Table 22.-- Average Monthly Employment of Wage-Earners by General, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received as at May 31 1939。


THE CONSTRUCTION INDUSTEY IN CANADA, 1938.
SASKAT CHEWAN
Table 23. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \& | \$ | \$ |
| Building Construction |  |  |  |
| Dwellings, single 000000000000000 | 125,979 | 117,797 | 243,776 |
| Dwellings, semi detached or doublo. |  | 10,107 | 10,107 |
| Apartment houses 0000000000000000 |  | 38,336 | 38,336 |
| Hotels, clubs, restaurants, et,00000 | 64,401 | 15,697 | 80,098 |
| Hospitals and sanatoria 0000000000 | 138,814 | 3,895 | 142,709 |
| Schools, institutions, etc. 000000 | - | 7,987 16,196 | 7,987 16,196 |
| Office buildings 00000000000000000 | 38,570 | 16,196 103,993 | 16,196 142,563 |
| Stores 000000000c.0.0000.0.0000000 | 38,570 | 103,993 | 142,563 39,358 |
| Theatres and amusement halls 000.0. | 20,247 | 19,111 | 39,358 |
| Factories, warehouses and storehouses | 42,599 | 139,025 | 181,624 |
| Grain elevators 00000000000000000 | 431,719 | 949,213 | 1,380,932 |
| Garages covocou00000000 | 12,113 | 3,579 | 15,692 |
| Service stations 0000000 | 5,622 | 14,487 | 14,487 8,234 |
| Farm buildings | 5,622 | 2,612 51,202 | 8,234 753,835 |
| Buildings, unable to specify 000000 | 702,633 | 51,202 | '753,835 |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | 26,194 | - | 26,194 |
| Dirt or clay roads | 127,489 | $\cdots$ | 127,489 |
| Bridges, viaducts, all types 000000 | 25,185 | - | 25,185 |
| Water systems and connections 00.000 | 8,800 | - | 8,800 |
| Irrigation 0000000000000000000000 | 76,669 |  | 76,669 |
| Dams and reservoirs 00cubuccou00000 | 383,465 |  | 383,465 33,566 |
| Aerodromes or landing fields 000000 | 33,566 $1,030,400$ |  | 33,566 $1,097,159$ |
| Engineering, unable to specify | 1,030,400 | 66,759 | 1,097,159 |
| Harbours, Rivers, etco <br> Works, unable to specify | 40,023 | 15,589 | 55,612 |
| Trade Construction ${ }^{\text {Tr }}$ ( 6, 427 |  |  |  |
| Bricklaying 000000000000000000000000 |  | 6,427 | 6,427 |
| Carpentry work 00000000000000000 | - | 17,956 | 17,956 |
| Concreting and cement work 00000000 | 206 | 5,452 | 5,658 |
| Electrical work 000000000.0.000000co | 29,673 | 75,949 | 105,622 |
| Flooring 00000000000000000000000000 | .. | 5,077 | 5,077 |
| Lathing, plastering and stucco .... | . | 7,625 | 7,625 |
| Paintirg and decoratirg 0000000000 | - | 119,245 | 119,245 |
| Plumbing, heating and sanitary engineering | 41,849 | 189,828 | 231,677 |
| Roofing, all other Sheet metal work, other than roofing。 | 4,167 17,039 | 15,759 | 19,926 |
| Sheet metal work, other than roofingo | 1,105 | 1,647 | 2,752 |
| Weatherstripping and insulation | 49.811 | 63.662 | 113,473 |
| TOTAL VALUE OF WORK PERFORMED | 3,478,338 | 2, 155,358 | $5.633,696$ |

THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## SASKATCHEWAN

Table 24. - Description, Classification and Value of Work Performed in 1938 by Subcontractors, from Reports Received as, at May 31, 1939.

|  | New Construction | Additions, Alterations, Repairs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \$ | * | * |
| Air conditioning | - | 2,315 | 2,315 |
| Concreting and cement work 000000000 | 3,411 | - | 3,411 |
| Electrical work 0.0000000000000000 | 66,175 | 19,500 | 85,675 |
| Lathing, plastering and stucco ......0 | 27,806 | 6,977 | 34,783 |
| Painting and decorating 0000000000 | 14,318 | 3,572 | 17,890 |
| Plumbing, heating and sanitary engineering | 61,553 | 30,071 | 91,624 |
| Roofing, sheet metal ...000000000000 | 12,112 | 3,723 | 15,835 |
| Roofing, all other ................... | 9,483 | 15,912 | 9,483 25,657 |
| Sheet metal work, other than roofing o | 9,745 | 15,912 | 25,657 |
| Tiling, marble and terrazzo 0.00000 | 68,822 | 4,415 36,189 | 4,415 105,011 |
| Work, unable to specify 0.000000000 | 68,822 | 36,189 | 105,011 |
| TOTAL VALUE OF WORK PERFORMED | 273,425 | 122,674 | 396,099 |

Table 25. - Average Monthly Employment of Wage-Earners by General, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received as at May 31. 1939.

| Month of - | General, Trade and Subcontractors | Month of - | General, Trade and Subcontractors |
| :---: | :---: | :---: | :---: |
| $J$ anuary | 567 | August 0000000 | 2,067 |
| February | 507 | September 0.00 | 2,258 |
| March | 508 | October 00000000 | 2,174 |
| April | 828 | November 0000 | 1,463 |
| May | 1,244 | December | 788 |
| June | 1,612 | Monthly Average | 1,337 |
| July | 2 | Amount of Wages Paid .o.o. | \$ 1,408, 377 |

## THE CONSTRUCTION INDUSTRY IN CANADA, 1938.

## ALBERTA

Table 26. - Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repairs | Total Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ |
| Building Construction |  |  |  |
| Dwellirgs, single .0.0.0........0.0 | 528,092 | 261,836 | 789,928 |
| Dwellings, semi-detached or double. | - | 16,432 | 16,432 |
| Duplexes 00000000.0.0.0.0.0.0.0.0.0. | - | 8,045 | 8,045 |
| Apartment houses 000000000000000 | 61,226 | 75,044 | 136,270 |
| Hotels, clubs, restaurants, etc.o.. | 39,781 | 50,325 | 90,106 |
| Churches and church halls 00000000 | 43,855 | 6,068 | 49,923 |
| Hospitals and sanatoria. 0000000000 | 30,567 | 5,181 | 35,748 |
| Schools, institutions, etc. 0.0000 | 125,398 | 18,915 | 144,313 |
| Office buildings 00000000000000000 | 80,387 | 56,844 | 137,231 |
| Stores 000000000000000000000000000 | 834,839 | 133,189 | 968,028 |
| Theatres and amusement halls | - - | 76,702 | 76,702 |
| Factories, warehouses and storehouses | 755,959 | 91,203 | 847,162 |
| Grain elevators 0000000000000000 | 251,641 | 585,903 | 837,544 |
| Garages 00000000000000000000000000 | 69,816 | 35,149 | 104,965 |
| Service stations 0.00000 | 40,548 | 35,692 | 76,240 |
| Farm buildings | 38,252 | 20,752 | 59,004 |
| Buildings, unable to specify 0.0 .0 | 219,892 | 11,696 | 231,588 |
| Engineering Construction |  |  |  |
| Sidewalks 000n00000000000000000000 | 2,246 | - | 2,246 |
| Water systems and connections 0.0.0 | 25,722 | - | 25,722 |
| Electric stations, power plants, etc | - | 2,145 | 2,145 |
| Engineering, unable to specify $\ldots$. | 854,835 | 179,149 | 1,033,984 |
| Harbours, rivers, etco <br> Works, unable to specify | 31,584 | - | 31,584 |
| Trade Construction |  |  |  |
| Air conditioning | 12,252 | - | 12,252 |
| Bricklaying .0....0.0.0.0.0.0.0.0.0 | 14,589 | 16,283 | 30,872 |
| Carpentry work =0.0.0.0......0.0.0.0 | 8,405 | 14,794 | 23,199 |
| Concreting and cement work 000000 , | 11,667 | 16,299 | 27,966 |
| Electrical work 000000.0.00000.0.0 | 42,259 | 72,181 | 114,440 |
| Lathing, plastering and stucco 0000 | 12,420 | 35,931 | 48,351 |
| Ornamental iron work 0000000000000 | - | 15,878 | 15,878 |
| Painting and decorating 0000000000 | 7,081 | 151,800 | 153,881 |
| Plumbing, heating and sanitary engineering | 97,496 | 302,792 | 400,288 |
| Roofing, sheet metal .000000.0.0. | 7516 | 925 | 925 |
| Roofing, all other 0000000000000 | 7,515 | 21,426 | 28,942 |
| Sheet metal work, other than roofing | 25,236 | 48,212 | 73,448 |
| Wrecking and demolition 000000000 | , | 1,242 | 1,242 |
| Trades, unable to specify 00000000 | 154,860 | 168,104 | 322,964 |
| TOTAL VALUE OF WORK PERFORMED .... | 4,428,421 | 2,536,137 | 6,964,558 |

## THE CONSTRUCTION INDUSTKY IN CANADA, 1938.

## ALBERTA

Table 27. - Description, Classification and Value of Work Performed in 1938 by Subcontractors, from Reports Received as at May 31, 1939

|  | New Construction | Additions, Alterations, Repalrs | Total <br> Value |
| :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ |
| Brick laying | 11,416 | 3,898 | 15,31.4 |
| Concreting and cement work | 15,587 | 5,469 | 21,056 |
| Electrical work 000000000000000000030 | 92,289 | 24,698 | 116,986 |
| Excavating | 10,331 | - | 10,331. |
| Lathing, plastering and stacco ....... | 86,485 | 55,020 | 141,505 |
| Painting and decorating | 14,012 | 12,931 | 26,943 |
| Plumbing, heating and sanitary engineering | 290,289 | 56,710 | 346,999 |
| Roofing, all other $0.0 \ldots 0000000000$ | 43,308 | 6,504 | 49,812 |
| Sheet metal work, other than roofing $\ldots$ | 49,492 | 12,947 | 62,439 |
| Work, unable to specify | 445,476 | 22,098 | 467,574 |
| TOTAL VALUE OF WORK PERFORMED 10.00000 | 1,058,684 | 200,275 | 1,258,959 |

Table 28.- Average Monthiy Employment of Wage-Earners by General, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received as at May 31,1939


## BRITISH COLUMBIA

Table 29。- Description, Classification and Value of Work Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at

|  | New Construction | Additions, Alterations, Repains | Total Value |
| :---: | :---: | :---: | :---: |
| Building Construction | 世 |  | \% |
| Dwellings, single | 4,354,122 | 498,738 | 4,852,920 |
| Dwellings, semi-detached or double.. | 36,364 | 6,180 | 42,544 |
| Duplexes 000.0...................... | 117,875 | 5,751 | 123,626 |
| Apartment houses ......i........... | 248,095 | 81,310 | 329,405 |
| Hotels, clubs, restaurants, etc.... | 139,571 | 62,389 | 201,960 |
| Churches and church halls ........ | 48,314 | 8,435 | 56,749 |
| Hospitals and sanatoria ........... | 270,111 | - | 270,111 |
| Schools, institutions, etc. ....... | 329,004 | - | 329,004 |
| Office buildings ................... | 499,405 | 237,739 | 737,144 |
| Stores | 777,961 | 260,687 | 1,038,648 |
| Theatres and amusement halls ...... | 182,535 | 7,916 | 190,451 |
| Factories, warehouses and storehouses | 2,548,785 | 249,140 | 2,797,925 |
| Garages 0.0........................ | 79,269 | 46,550 | 125,819 |
| Service stations | 80,959 | 8,253 | 89,212 |
| Farm buildings | 83,905 | 25,399 | -109,304 |
| Buildings, unable to specify ...... | 433,630 | 409,357 | 842,987 |
| Engineering Construction |  |  |  |
| Hard surfaced or paved roads and streets | 1,035,678 | $\sim$ | 1,035,678 |
| Dirt or clay roads .................. | 40,889 | - | 40,889 |
| Water systems and connections ..... | 47,888 | 3,811 | 51,699 |
| Sewer systems and connections ..... | 17,509 | 1,525 | 19,034 |
| Electric stations, power plants, etc. | 1,486,323 | 93,544 | 1,579,867 |
| Transmission lines and towers ..... | 199,004 | 31,481 | 230,485 |
| Engineering, unable to specify $\ldots$. | 691,839 | 244,062 | 935,901 |
| Harbours, Rivers, etco |  |  |  |
| Docks, wharves, piers and breakwaters | 245,985 | 177,869 | 423,854 |
| Pile driving | 17,462 | , | 17,462 |
| Works, unable to specify $\ldots . . \ldots \ldots$ | 263,614 | 31,781 | 295,395 |
| Trade Construction |  |  |  |
| Air conditioning | 9,430 | 449 | 9,879 |
| Bricklaying ......................... | 25,514 | 63,506 | 89,020 |
| Carpentry work ...................... | 20,009 | 37,439 | 57,448 |
| Commercial refrigeration ${ }^{\text {-........... }}$ | - | 1,020 | 1,020 |
| Concreting and cement work ........ | 42,450 | 23,090 | 65,540 |
| Electrical work .. | - | 151,939 | 151,339 |
| Elevators, service ................. | 89,183 | 239,051 | 328,254 |
| Excavating .......................... | 62,398 | - | 62,398 |
| Flooring ........................... | - | 39,770 | 39,770 |
| Glass and glazing ................. | - | 80,377 | 80,377 |
| Lathing, plastering and stucco ..... | 46,474 | 35,855 | 82,529 |
| Painting and decorating .......... | 44,544 | 299,311 | 343,855 |
| Plumbing, heating and sanitary engineering | 182,391 | 527,571 | 709,962 |
| Roofing, sheet metal .o.........0.0. | 9,489 | 20,266 | 29,755 |

## BRITISH COLUMBIA

Table 29. - Description, Classification and Value of Vork Performed in 1938 by General, Trade and Subcontractors, from Reports Received as at


Table 30. - Description, Classification and Value of Work Performed in 1938 by Subcontractors. from Reports Received as at May 31, 1939


Table 31. - Average Montily Employment of Wage-Earners by General, Trade and Subcontractors in 1938 and their Remuneration, from Reports Received
as at May 31, 1939


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