

CENTRAL MORTGAGE AND HOUSING CORPORATION
ECONOMIC RESEARCH DEPARTMENT

HOUSING IN CANADA

A FACTUAL SUMMARY

JULY, 1949

OTTAWA, CANADA

CONTENTS

	PAGE
Foreword.....	3
List of Tables and Charts.....	5
Part I.—Factual Summary.....	7
Part II.—Tabular Material.....	19
1. Population Trends.....	21
2. House-Building Activity.....	23
3. Publicly-Assisted House Building.....	27
4. Real Estate.....	46
5. Building Material.....	49
6. Building Labour.....	62
7. Building Costs.....	72
8. Building Industry.....	76
Part III.—Sources and Explanatory Notes.....	79
Index.....	94

FOREWORD

Housing in Canada is published quarterly, designed to provide factual information which will afford as complete and current a picture of the housing situation as possible.

The first issue, published in October, 1946, provided information on an annual basis for the period 1919-1945. In each subsequent issue the established material has been kept up to date on a quarterly basis and new data added. The present issue covers the period 1945-July, 1949, providing monthly or quarterly data for 1948 and the subsequent period. Each issue is arranged in three parts. The first part comprises a brief factual summary highlighting the results of the statistical material. The second part consists of the tabular material itself and is arranged in eight sections: (1) population trends; (2) house-building activity; (3) publicly-assisted house-building; (4) real estate lending; (5) building materials; (6) building labour; (7) building costs; (8) building industry. The third and final part of this report provides sources of the factual material and explanatory notes where interpretation of the series seems appropriate.

Part of the material incorporated in this report is obtained from original sources with another part submitted by various Federal Government departments, including the Department of Finance, Department of Trade and Commerce, Department of Labour, Department of Veterans' Affairs, Department of Mines and Resources, Department of National Defence, Department of the Secretary of State, the Superintendent of Insurance, the Superintendent of Bankruptcy, the Foreign Exchange Control Board, and the Dominion Bureau of Statistics, and by the Ontario Government through its Department of Planning and Development.

Housing in Canada concentrates on major trends in the housing field only and provides all available information of substance. As new and improved statistical series become available, they will be incorporated in future issues.

*Economic Research Department
Central Mortgage and Housing Corporation*

Ottawa, July, 1949.

LIST OF TABLES

TABLE	PAGE
1. Number of Births, Deaths and Marriages, Canada, 1945 — June, 1949.....	21
2. Number of Immigrants to Canada, by Sex, Marital Status and Age Group, 1945 — June, 1949.....	22
3. Number of New Housing Units Started, Completed, and Under Construction, Canada, 1945 — July, 1949.....	23
4. Number of New Housing Units Started, Completed, and Under Construction in Metropolitan Areas and Municipalities of 5,000 Population and Over, Canada, 1946 — July, 1949.....	24
5. New Residential Construction, Building Permits Issued in 204 Municipalities, Canada, 1945 — June, 1949.....	25
6. New Residential Construction, Construction Contracts Awarded, Canada, 1945 — July, 1949.....	26
7. Number of New Permanent Housing Units Started, Direct Federal Government Housing, and Privately Initiated Housing With and Without Federal Government Financial Assistance, Canada, 1947 — June, 1949.....	27
8. Lending Operations Under the National Housing Act, 1944, Number and Amount of Gross Loans Approved and Number of Housing Units Financed, Canada, February, 1945 — July, 1949.....	28
9. Lending Operations Under The National Housing Act, 1944, Gross Loans Approved, By Type of Loan, Canada, First Half, 1948 and 1949.....	29
10. Lending Operations Under The National Housing Act, 1944, Analysis of Gross Loans Approved Showing Average Estimated Cost, Lending Value, Amount of Loan, Floor Area, and Construction Cost per Square Foot, by Type of Housing Unit, Canada, First Half, 1948 and 1949.....	30
11. Lending Operations Under The National Housing Act, 1944, Home Extension Loan Guarantees Approved, Canada, April, 1946 — June, 1949.....	31
12. Veterans' Rental Housing Projects By Central Mortgage and Housing Corporation, Number of New Housing Units Started, Completed, and Under Construction and Actual Expenditure, Canada, 1941 — June, 1949.....	32
13. Veterans' Rental Housing Projects By Central Mortgage and Housing Corporation, Construction Under Contract, By Units, Canada, 1945 — July, 1949.....	33
14. Veterans' Rental Housing Projects By Central Mortgage and Housing Corporation, Housing Units Under Contract, By Twenty-three Stages of Construction, Canada, June and December, 1948 and June, 1949.....	34
15. Construction Operations Under The Veterans' Land Act, 1942, Number and Amount of Appropriations and Applications for Assistance Approved, By Type of Project, Canada, September 23, 1943 — June, 1949.....	35
16. Construction Operations Under The Veterans' Land Act, 1942, Number of New Housing Units Started, Completed and Under Construction and Expenditure, By Type of Project, Canada, September 23, 1943 — June, 1949.....	36
17. Armed Service Married Quarters, Permanent and Temporary Housing, Number Started, Completed and Under Construction, and Expenditures, Canada, 1947 — June, 1949.....	37
18. Lending Operations Under The Canadian Farm Loan Act, 1927, Canada, 1929 — June, 1949.....	38
19. Lending Operations Under The Farm Improvement Loans Act, 1944, Canada, March, 1945 — June, 1949.....	39
20. Property Management Operations Under Central Mortgage and Housing Corporation, Number of Rental Units Under Administration and Per Cent Vacant, By Type of Unit, Canada, 1947 — July, 1949.....	40
21. Operations Under The National Housing Act, 1944, Rental Insurance Plan, Number of Projects, Units, and Total Estimated Cost for Approved Projects Under The N.H.A., and with Conventional Loans, Canada, July, 1948 — July, 1949.....	41
22. Operations Under The National Housing Act, 1944, Rental Insurance Plan, Average Number of Rooms, Floor Area, Estimated Cost, and Maximum Rent Per Unit, for Projects Approved, Canada, July, 1948 — July, 1949.....	42
23. Approved Applications for Double Depreciation on Rental Housing Projects, Canada, June, 1947 — July, 1949.....	43
24. Number of Housing Units for Which Priority Assistance for Building Materials Has Been Approved, By Type of Project, Canada, August 23, 1945 - July, 1949...	44
25. Operations Under The Housing Corporation, Province of Ontario, Number of Loans and Housing Units Approved, Amount of Loans Approved, and Amount of Loans Advanced, May, 1948 — July, 1949.....	45
26. Gross Mortgage Loans on Real Estate Approved By Lending Institutions, By Type of Loan, Canada, 1947 — June, 1949.....	46

TABLE	PAGE
27. Gross Mortgage Loans Approved on New Non-Farm Housing Construction, By Type of Lending Institution, and By Type of Housing Unit, Canada, 1947 — June, 1949.	47-48
28. Indexes of Production of Construction Materials, By Lumber, Other Construction Materials, and Total, and Index of Domestic Disappearance of Construction Materials Excluding Lumber, Canada, 1945 — June, 1949.	49
29. Volume of Production of Selected Building Materials, Canada, 1945 — June, 1949.	50-54
30. Sales and Stocks of Selected Building Materials, Canada, 1947 — June, 1949.	55-57
31. Volume of Imports of Selected Building Materials, Canada, 1945 — June, 1949.	58
32. Volume of Exports of Selected Building Materials, Canada, 1945 — June, 1949.	59
33. Movement By Rail of Building Materials, Canada, 1945 — June, 1949.	60
34. Employment and Weekly Payrolls in the Building Material Industries, Canada, 1946 — June, 1949.	61
35. Employment and Unemployment in the Construction Industry, Non-Agricultural Industries, and All Industries, Canada, Quarterly, November, 1945 — June, 1949.	62
36. Employment and Weekly Payrolls in the Building Industry and Indexes of Employment in the Building and Non-Agricultural Industries, Canada, 1945 — July, 1949.	63
37. Number of Hourly Wage-Earners, Average and Total Number of Hours Worked Per Week, Average Hourly and Weekly Earnings, Building Industry, Canada, 1945 — July, 1949.	64
38. Unfilled Vacancies and Unplaced Applicants in Construction Trades, Canada, December, 1944 — July, 1949.	65
39. Unemployment in the Construction Industry, Percentage of Trade Union Membership Unemployed, By Trade, Canada, 1945 — June, 1949.	66
40. Number of Male Workers in Construction Trades Applying for Unemployment Insurance Benefits and Establishing Benefit Years, Canada, 1945 — June, 1949.	67
41. Vocational and Apprenticeship Training in Construction Trades, By Number in Training, Canada, 1947 — June, 1949.	68
42. Immigration of Construction Workers, By Trade, Canada, 1945 — June, 1949.	69
43. Emigration of Skilled Construction Workers, By Trade, Canada, 1948 — July, 1949.	70
44. Strikes in the Building Industry, Canada, 1945 — July, 1949.	71
45. Indexes of Wholesale Prices, Residential Building Materials, and Composite Index of All Construction Materials, Canada, 1945 — July, 1949.	72
46. Indexes of Average Hourly Wage Rates in Construction Trades, Canada, 1945 — June, 1949.	73
47. Composite Index of Wage Rates in the Construction Industry With Wholesale Prices of Residential Building Materials, and with Wholesale Prices of all Construction Materials, Wholesale Price Index of all Commodities and Indexes of Cost of Living and Rent, 1945 — July, 1949.	74
48. Percentage Distribution of New Completed Housing Units By Number of Months Under Construction and Average Number of Months Under Construction, By Month of Completion, Canada, 1946 — July, 1949.	75
49. Bankruptcies in the Construction Industry, Building Material Industries, and in all Industries, Canada, 1945 — June, 1949.	76
50. Indexes of Stock Prices of Common Shares of Sixteen Building Material Companies and Eighty-two Industrial Companies, Canada, 1945 — July, 1949.	77

LIST OF CHARTS

FIGURE	PAGE
1. Number of Houses Started in Canada, Quarterly, June, 1947 — June, 1949.	10
2. Volume of Production of Twenty-Eight Building Materials, First Six Months, 1948, and 1949.	14
3. Indexes of Residential Building Material Wholesale Prices and Wage Rates of Construction Workers and Combined Index of Materials and Wages, January, 1947 — July, 1949.	17

PART I
FACTUAL SUMMARY

SECTION 1.—POPULATION TRENDS (See Tables 1 and 2)

During the first six months of 1949, for the first time since the end of the war, the rate of new families formed in Canada showed a significant decline. This is indicated by a drop of 10 per cent in the number of marriages, from 50,000 during the first six months of 1948 to 45,000 during the corresponding period of 1949. Immigration of married families, births, and deaths changed little as compared with the same period of 1948. The reduction in the number of new families formed will tend to lessen the added pressure exerted on the housing market from this source.

SECTION 2.—HOUSE-BUILDING ACTIVITY (See Tables 3-6)

House completions in the first seven months of 1949 broke all previous records and totalled 46,126, an increase of 26 per cent over the corresponding period of 1948. Starts, however, which more closely reflect the trend of effective demand, and which had shown a continued increase since the end of the war, were slightly lower in the first seven months of 1949 than in the corresponding period of 1948. This slight decline, 48,900 starts in the 1949 period as compared with 49,500 starts in 1948, was the result of a notable falling off of starts in the months of June and July, 1949. Over the first five months, starts increased by 12 per cent but in the subsequent two months starts declined by 17 per cent from the corresponding period in 1948.

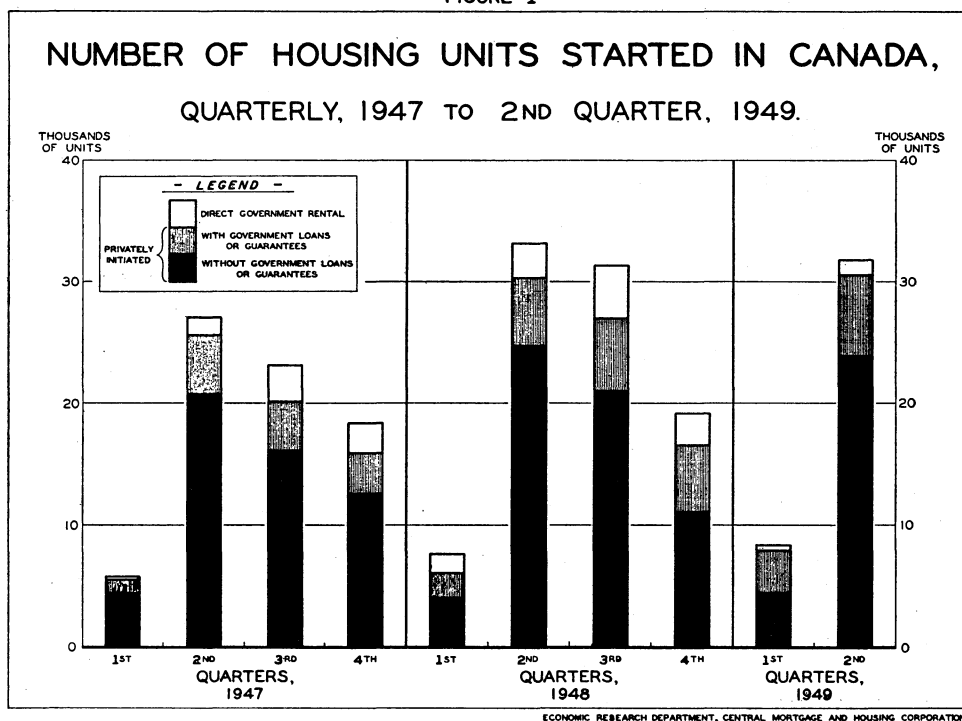
Thus, although the level of residential building activity in the first seven months of 1949 exceeded the level for all previous years, a large part of the programme was attributable to the heavy carryover of units already under construction at the end of 1948. If the trend of decline in starts apparent for June and July of 1949 continues, it may mean that an immediate post-war peak in starts has been reached in the second quarter of 1949, (see also Sections 3 and 4).

In metropolitan areas and urban municipalities of 5,000 population and over, starts numbered 31,600 in the first seven months of 1949, an increase of 3 per cent over the corresponding period of 1948. This indicates that in the smaller urban centres and in rural areas, the trend of starts was down by 9 per cent, from 19,000 in the first seven months of 1948 to 17,300 in the corresponding period of 1949.

SECTION 3.—PUBLICLY-ASSISTED HOUSE-BUILDING (See Tables 7-25)

Despite the apparent levelling off of total housing unit starts in the first half of 1949, Government-assisted housing starts, including those under the direct Government rental housing programmes, and those receiving financial assistance in the form of loans or guarantees from the Federal Government, showed an appreciable increase over the first six months of 1948 (see Figure 1). Total Government-assisted housing starts numbered 11,800 in the first half of 1949, an increase of 8 per cent over the corresponding period of 1948. Although starts under the direct Government rental housing programmes declined from the first half of 1948, Government-assisted starts in the privately-initiated housing sector

- FIGURE 1 -



increased by 31 per cent from 7,700 in the first half of 1948 to 10,100 in the first half of 1949.

National Housing Act, 1944

Lending operations under the National Housing Act for the first seven months of 1949 reached record levels. The total number of housing units for which gross loans were approved under the Act, at 15,300, was 36 per cent higher than the corresponding total for 1948. The loans involved had a value of \$82.7 million in the 1949 period as against \$58.4 million in 1948.

Activity under the rental provisions of the Act showed the most notable rise during the first half of 1949, although approvals for home ownership housing also increased. Rental housing units for which loans were approved numbered 4,400 in the first half of 1949, nearly three times the number for the first half of 1948. This rapid increase reflects the impact of the rental insurance plan which was not in effect during the first half of 1948 and under which loans were approved for 2,900 units in the first half of 1949.

Under the home ownership provisions, despite a falling off of the activity under the integrated housing plan, the number of units for which loans, including builders' loans, were approved increased by 14 per cent from 7,600 in the first half of 1948 to 8,700 in the first half of 1949.

One-storey single-family housing units accounted for 30 per cent of the units approved for gross loans during the first half of 1949. Apartments, which represented only 9 per cent of the units approved in the first half of 1948 accounted for 29 per cent of the units approved in the first half of 1949, afford-

ing additional evidence of the role played by the rental insurance provisions of the Act.

Builders' estimated construction costs *per square foot* for units approved increased by 9 per cent in respect to bungalows from \$7.44 in the first half of 1948 to \$8.14 in the first half of 1949. The corresponding increase in respect to apartments was 10 per cent. Increasing costs were not accompanied by equal increases in the amount of loans authorized, with the result that equity requirements in 1949 were considerably more severe than in 1948. The average equity for all units for which gross loans were approved rose by 24 per cent from \$2,100 in the first half of 1948 to \$2,600 in the first half of 1949.

Veterans' Rental Housing Projects Under Central Mortgage and Housing Corporation

Starts of rental housing units for veterans under the Central Mortgage and Housing Corporation dropped from 2,300 during the first half of 1948 to 1,500 in the same period of 1949. Completions were up from 4,500 to 5,000, and units under construction at the end of June, 1949, approximated the 3,000 figure of a year earlier. Expenditures during the first six months of 1949 at \$18.2 million remained at the 1948 figure.

Veterans' Land Act, 1942

Both starts and completions under the Veterans' Land Act, 1942, during the first half of 1949 were lower than in the corresponding period of 1948, but a larger carryover was on hand at the end of the first half of 1949. Total completions numbered 1,000 in the first half of 1948 and only 600 in the first six months of 1949, while starts were down from 740 to 650. Units under construction at the end of June, 1949, numbered 2,200 as compared with 1,900 one year earlier. Expenditures on new housing construction and repairs decreased by 10 per cent from \$5.2 million in the first half of 1948 to \$4.7 million in the first half of 1949. Small holdings of the individual project type accounted for 88 per cent of the starts, 85 per cent of the completions and 79 per cent of the construction expenditures in the 1949 period.

Armed Service Married Quarters

Construction operations respecting the 1949 armed service housing programme of the Department of National Defence are being conducted by the construction division of the Central Mortgage and Housing Corporation. No starts were made in the first half of 1949. Progress under this programme will be covered in subsequent issues of *Housing in Canada*.

Under the 1948 programme, conducted by the Department of National Defence, a total of 1,124 units were completed in the first half of 1949, 1,110 of which were permanent and 14 temporary. A carry over of 18 temporary and 1,027 permanent units remained to be completed at the end of June, 1949.

Canadian Farm Loan Act, 1927

Loans having a total value of \$52,000 for the construction of 31 new farm houses were approved during the first half of 1949, and 39 loans with a value of \$24,000 were approved for the alteration and improvement of existing farm homes. In the first half of 1948 loans were approved with a value of \$18,000 for 16 new farm houses, and 41 loans with a value of \$17,000 were approved for residential improvements and alterations.

Farm Improvement Loans Act, 1944

Guarantees under the Farm Improvement Loans Act, 1944, were made in respect of 176 loans for new farm houses, and 385 loans for the improvement and alteration of existing farm residential property in the first half of 1949. The loans for the new units had a total value of \$283,000 and for the improvements and alterations \$347,000. In the first half of 1948, loans were lower both for new farm houses, 162 valued at \$211,000, and for improvements and alterations, 213 valued at \$194,000.

Property Management Operations Central Mortgage and Housing Corporation

The number of rental housing units under the management of the Corporation increased from 37,000 at the end of December, 1948, to 41,000 at the end of June, 1949. The vacancy rate at the end of June, 1949, at .7 per cent was the same as a year earlier. Vacancies among the units managed by the Corporation are lower than the general average because of the particularly high demand for low and medium rental dwellings.

Rental Insurance Plan⁽¹⁾

Agreements under the Rental Insurance Plan during the first half of 1949 were made in respect of 92 projects involving 4,327 rental dwellings. Total costs per unit as estimated by applicants averaged \$7,436. Floor areas per unit averaged 889 square feet, number of rooms 3.9, and maximum monthly rentals \$80.12. From July, 1948, when the first project was approved under the plan, to July, 1949, a total of 140 projects involving 6,900 rental units have been authorized. Of these, 55 projects, representing 3,000 units, were approved for loans under the National Housing Act, 1944.

Under the plan, Central Mortgage and Housing Corporation guarantees to the builders or owners of approved projects for a period not exceeding 30 years, an annual return of rentals calculated to equal 2 per cent of the owner's investment in the project.

Double Depreciation for Rental Housing Projects

Although there were no approvals in June, 1949, three times as many rental units were approved for double depreciation in the first half of 1949 as in the corresponding period of 1948. Projects numbering 36 and involving over 700 dwellings received approval in the 1949 period as compared with 26 projects accounting for 235 units in the first half of 1948. Prospective rentals for the units approved in the first half of 1949 averaged \$83.70 as against \$57.88 in the first half of 1948.

Priorities Assistance for House-Building

Priority ratings for building materials in house-construction were approved for 6,000 housing units in the first half of 1949, representing a decline of 50 per cent from the first half of 1948. The decline is attributable in part to the continued falling off of house-construction under the Integrated Housing Plan, and the fact that there was no new construction for Armed Service Married Quarters in the first six months of 1949.

(1) For further details on the Rental Insurance Plan, see *Housing in Canada*, July, 1948, pp. 10-11.

Housing Corporation, Province of Ontario⁽¹⁾

Approvals of second mortgage loans by the Housing Corporation of the Province of Ontario numbered 4,610 during the first seven months of 1949, involving \$5.2 million. Advances on these and earlier loans totalled \$5.2 million during the period.

From the commencement of operations in May, 1948, to the end of July, 1949, 8,278 second mortgage loans representing \$9.2 million have been approved by the Housing Corporation. Advances during this period amounted to \$7.6 million.

SECTION 4.—REAL ESTATE LENDING
(See Tables 26 and 27)

The number of new non-farm housing units for which institutional mortgage loans were approved, at 19,000 in the first six months of 1949 was 19 per cent higher than during the corresponding period of 1948. The increase of 3,000 units which consisted of an increase of 1,000 new multiple housing units and 2,000 new single housing units was largely accounted for by the increase in lending under the National Housing Act (see Section 3). As total starts in the first half of 1949 were only slightly higher than in the corresponding period of 1948, these data suggest a weakening in the demand for housing financed through sources other than institutional mortgages and under The National Housing Act, 1944.

Except for the field of new non-farm residential construction, institutional real estate lending was declining in the first half of 1949 as against the first half of 1948. Although the value of institutional loans for existing non-farm houses approved during the first half of 1949 at \$46 million approximated that of the corresponding period of 1948, there was a slight decline in the number of housing units for which loans were approved from 18,000 in the first half of 1948 to 17,000 in the same period of 1949.

The value of non-farm loans approved for new non-residential construction at \$15 million for the first half of 1949 was \$5 million less than in the same period of 1948. The value of loans of this type for existing property declined from \$27 million in 1948 to \$16 million in 1949.

Farm loan approvals in the first six months of 1949 were down in both number and amount as compared with the same period of 1948. In the first six months of 1948, 900 farm loans valued at \$3.5 million were approved, as compared with 700 loans valued at \$3.1 million approved in the first half of 1949.

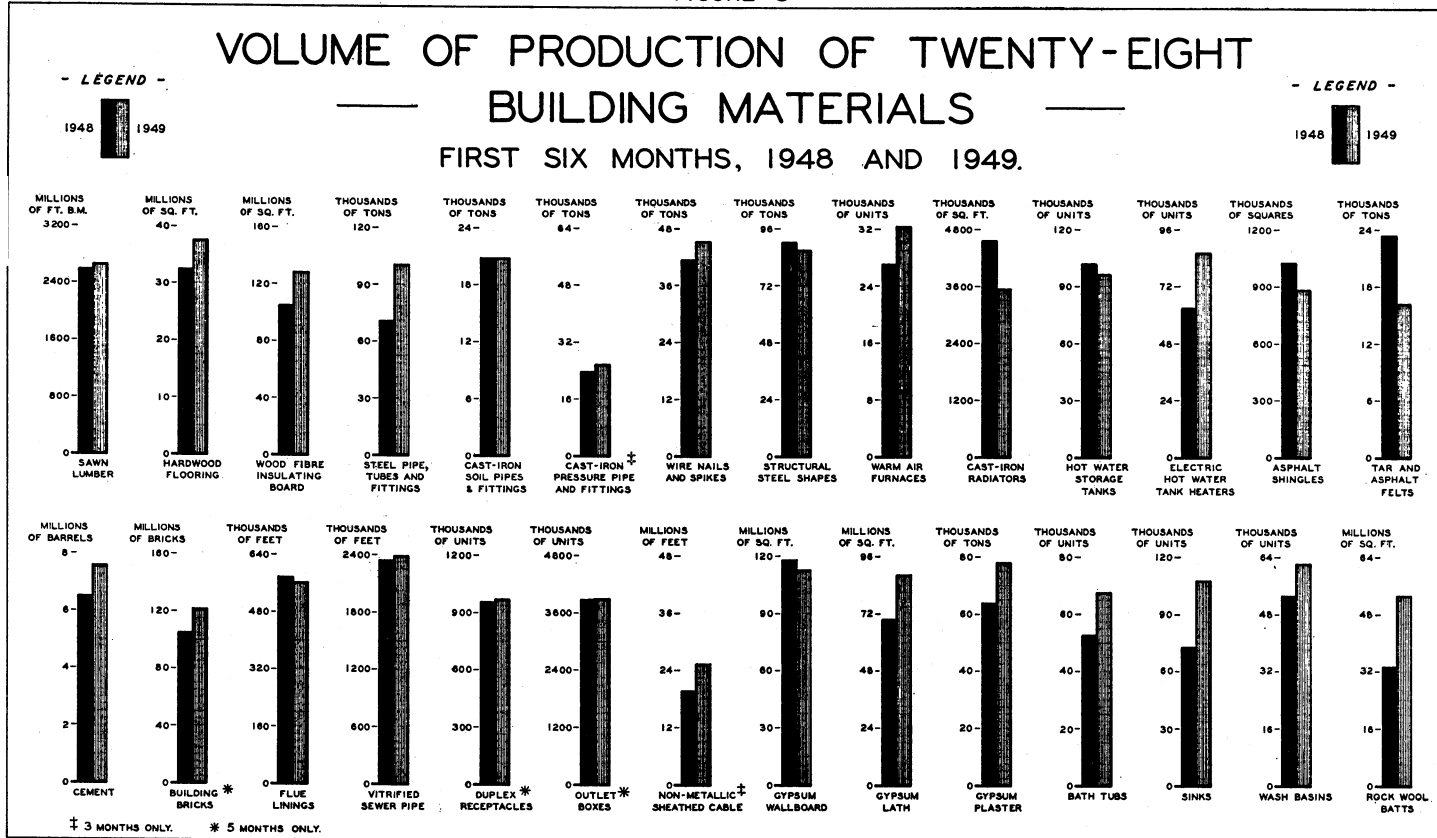
SECTION 5.—BUILDING MATERIALS
(See Tables 29-34)

Production of Building Materials

Output of construction materials was up in the first half of 1949. During the first six months of the year the composite index of production of construction materials averaged 163.7 on the 1939 base, an increase of 6 per cent over the level for the corresponding period of 1948. More closely reflecting the volume of construction activity, the index of domestic disappearance increased

(1) For further details on the Housing Corporation, Province of Ontario, see *Housing in Canada*, April, 1949, p. 13.

- FIGURE 3 -



ECONOMIC RESEARCH DEPARTMENT, CENTRAL MORTGAGE AND HOUSING CORPORATION.

by 11 per cent from an average of 218.8 during the first half of 1948 to 243.5 in the first half of 1949.

Comparative statistics are available for the first 6 months of 1949 for all but 5 of the 35 building materials covered in this review. Five month data are available for 3 of the materials, and 3 month data for 2 materials.

Of the 35 materials covered, 12 showed increases in output of 20 per cent to 60 per cent in the period under review as compared with the corresponding period of 1948. Rock wool batts led this group with an increase in output of 60 per cent, followed by sinks 48 per cent, and steel pipe, tubes and fittings 43 per cent. In spite of this increase in the production of steel pipe, shortages of small size steel pipe continued. Ten materials showed increases of 17 per cent or less. Ten materials declined in output. Of these, tar and asphalt felts, asphalt shingles, cement pipe and tile, cast iron radiators, domestic heating boilers and single pole switches, all of which registered drops of 15 per cent or more, are in fair supply and the drops in output reflect market conditions. The other materials which declined less than 5 per cent in output include hot water storage tanks, gypsum wallboard, structural steel and flue linings.

Supply of Building Materials

Despite the fact that total requirements for building materials during the first 6 months of 1949 were well above the corresponding period of 1948, due to increased building activity, July opened with the overall supply of building materials distinctly better than one year earlier. Shortages continued, however, in some lines.

Comparable statistics of sales and stocks are available for the first 6 months of 1949 for only 14 of the 18 materials covered. Five month data are available for 2 materials, 4 month data for 1 material and 3 month data for the remaining item.

Factory sales of 12 out of 18 materials rose in the period under review as compared with the corresponding period of 1948. For 5 other items, gypsum wall board, single pole switches, outlet boxes, domestic heating boilers and hot water storage tanks, sales declined over the period.

Factory stocks of 12 out of 18 materials were higher at the end of the period than a year earlier. Five of these items, cast iron soil pipe, rock wool batts, single pole switches, outlet boxes and non-metallic sheathed cable were in good supply at June 30. Building brick was in short supply and the remaining 6 materials were in fair supply. Stocks of 4 materials were lower at the end of the period than one year earlier. These include wire nails which were in fair supply, flue linings, steel pipe, tubes and fittings, and cement which are in short supply.

Imports and Exports

As a result of adequate supplies, imports of glass during the second quarter of 1949, continued the downward trend established in the first three months of 1949. Imports of glass during the first 6 months of 1949, at 31 million square feet were 43 per cent lower than the corresponding period of 1948. Imports of cement to the end of June, 1949, at 697,000 barrels, were nearly two and a half times those during the first half of 1948, but requirements were such that shortages were experienced in all regions.

Whereas imports of building board and lath rose from 4 million sq. ft. in the first 6 months of 1948 to 61.2 million sq. ft. in the corresponding period

of 1949, requirements during July, 1949, as measured by requests for priority to obtain materials for government-approved housing, were only slightly lower than June, 1948. The increase in imports was occasioned by heavy domestic requirements for gypsum lath, imports of which were authorized upon certification that they would be used for house construction.

Exports of 5 out of the 6 materials covered dropped during the first half of 1949, as compared with the same period of 1948. Building brick exports alone rose slightly from 1.3 million to 1.9 million.

The satisfactory lumber supply situation is reflected in the first major change in lumber export regulations since the end of the war. Effective September 6, 1949, the regulation of lumber exports through quotas was discontinued. As a precautionary measure to ensure adequate supplies of lumber for Canadian requirements, permits are still required for export of the items formerly on the quota list.

The overall drop in exports brought about a decline in the tonnage of building materials loaded on Canadian railway cars. A group of materials, including timber, gravel, sand, crushed stone, brick, cement, sewer pipe, and drain tile, showed a total of 6.1 million tons loaded in the first half of 1949, as against 6.5 million in the first half of 1948.

Employment in Building Material Industries

Returns from a group of building material producers, employing 15 or more employees, indicate that the increase in building material production from 1948 to 1949, was accompanied by a rise in employment. An average of 105,000 employees were reported for the first half of 1949, as against 102,000 in the corresponding period of 1948.

SECTION 6.—BUILDING LABOUR

(See Tables 35-44)

Employment and Earnings

In June, 1949, the labour force in the construction industry reached the record level of 350,000, indicating a rise in the volume of construction activity over the first half of 1948. This figure represents an increase of 19 per cent over the number employed in construction one year earlier. The increase compares with a rise of only 3 per cent in total non-agricultural employment during the period. The monthly index of employment in the *building* industry based on returns from employers with 15 or more employees, rose 9 per cent from 334.9 at the beginning of June, 1948, to 363.9 at the beginning of June, 1949. Hourly earnings of workers in the building industry increased 7 per cent from \$1.00 in June, 1948, to \$1.07 in June, 1949.

The Labour Market

Despite the increase in building and construction employment, unemployment in the construction trades in the first half of 1949 was considerably above the levels of previous post-war years. The data on unplaced applicants in the construction trades, the percentage of trade union membership unemployed in the construction trades, and the number of construction workers establishing benefit years with the Unemployment Insurance Commission, all showed increases in the first half of 1949 over the previous post-war years. The series suggest a substantially improved labour supply in the construction industry.

Supply of Construction Workers

The sources of new construction workers in Canada showed a decline in the first half of 1949. Vocational and apprenticeship trainees for the construction trades under the Dominion-Provincial training scheme numbered 5,100 at the end of June, 1949, as against 6,300 one year earlier. In addition immigration of construction workers into Canada was down 46 per cent from 3,715 during the first half of 1948 to 1,995 in the corresponding period of 1949. Of the immigrants in the 1949 period, 1,380 were skilled and 615 were semi-skilled and unskilled. Emigration of skilled construction tradesmen during the first half of 1949 totalled 445 resulting in a net immigration of skilled construction workers of 935 during the period. This represents a decline of 22 per cent from the first half of 1948.

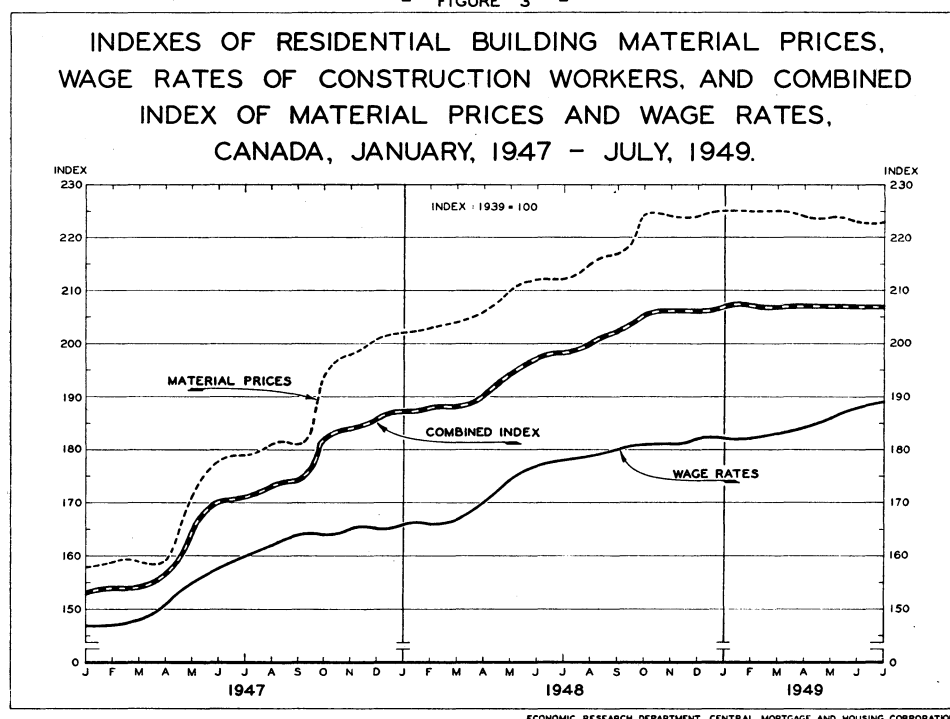
Time loss through strikes in the building industry during the first half of 1949 totalled 29,000 man-working days which was 5,000 man-working days in excess of the loss for the corresponding period of 1948. The increase is not marked, however, when considered in relation to the higher volume of construction employment in the 1949 period.

SECTION 7.—BUILDING COSTS

(See Tables 45-48)

The increase in housing completions during the first half of 1949 was effected without substantial change in labour and material prices, (see Figure 3). The combined index of wholesale prices of residential building materials and wage rates of construction workers stood at 207.3 at June, 1949, as compared with

— FIGURE 3 —



206.3 at the end of December, 1948. The level at June, 1949, was 5 per cent above the annual average for the whole year, 1948. During the first 6 months of 1949 the wholesale price index of residential building materials dropped 1 per cent with the index moving downward continuously for a period of four months for the first time since the end of the war. The average level of hourly wage rates paid to building workers rose 3 per cent in the first half of 1949.

Material Prices, First Half, 1949

The composite index of residential building material wholesale prices which had reached a peak of 225.2 in February, 1949, dropped to 222.9 at the end of June, 1949. During the first 6 months of 1949, small increases in the price of some of the building materials were offset by decreases in the price of lumber, lath and insulation materials, paint and glass, roofing materials, and electrical equipment and fixtures. A decline of 9 per cent in the price index of the electrical equipment and fixtures group of materials is in part attributable to a significant drop in the price of copper wiring.

The composite price index of residential building materials for June, 1949, was 5 per cent over the average price level for the full year 1948.

Wage Rates, First Half, 1949

Wage rates of construction workers continued to rise in 1949, although not as rapidly as in 1948. The composite index of wage rates of construction workers rose 3 per cent during the first 6 months of 1949 as compared with 7 per cent in the corresponding period of 1948.

Plumbers and electricians wages rose more rapidly than those of the other trades with gains of 6 per cent and 5 per cent respectively.

The composite index of wage rates of construction workers in June, 1949, was 6 per cent higher than the annual average for the year 1948.

SECTION 8.—BUILDING INDUSTRY

(See Tables 49-50)

Bankruptcies in the Construction Industry, Building Material Industries, and All Industries

The incidence of commercial failure was on the increase in the first half of 1949. The number of bankruptcies in the construction industry increased from 29 in the first half of 1948 to 46 in the corresponding period of 1949, while in the building material industries commercial failures rose from 13 to 30 over the period. In the construction industry the average amount of defaulted liabilities per firm declined from \$18,300 to \$16,600. In the building material industries the average amount of defaulted liabilities per firm, at \$38,100 in the first half of 1949, was half as much as in the same period of 1948.

Common Stock Prices

Common stock prices of 16 building material companies were 2 per cent lower in July, 1949, than a year earlier. Over the same period the index of stock prices for industrial production in general declined 12 per cent.

PART II
TABULAR MATERIAL*

*Sources of tables shown in Part II together with explanatory notes will be found in Part III.

SECTION 1
POPULATION TRENDS

TABLE 1.— NUMBER OF BIRTHS, DEATHS AND MARRIAGES, CANADA,⁽¹⁾
1945 — JUNE, 1949.

Period	Births	Deaths	Marriages
1945	288,730	113,414	108,031
1946	330,732	114,931	134,088
1947			
1st Quarter	89,112	30,851	17,279
2nd Quarter	96,556	30,157	37,864
3rd Quarter	91,771	27,119	41,472
4th Quarter	81,864	29,541	30,696
Total, 1947 ⁽²⁾	359,303	117,668	127,311
1948			
January	26,125	10,912	5,668
February	25,710	10,295	5,617
March	27,233	10,154	4,982
1st Quarter	79,068	31,361	16,267
April	30,683	10,782	7,731
May	29,379	10,081	9,570
June	29,857	9,685	16,110
2nd Quarter	89,919	30,548	33,411
July	29,317	9,091	15,179
August	31,002	9,635	12,443
September	29,881	8,830	14,591
3rd Quarter	90,200	27,556	42,213
October	30,118	9,521	12,894
November	26,877	9,462	10,101
December	29,507	11,022	8,751
4th Quarter	86,502	30,005	31,746
Total, 1948 ⁽²⁾	345,689	119,470	123,637
1949 ⁽²⁾			
January	23,637	8,870	4,905
February	24,446	8,787	5,229
March	29,401	11,123	5,341
1st Quarter	77,484	28,780	15,475
April	30,182	11,127	6,262
May	32,046	11,148	10,151
June	30,187	9,528	12,822
2nd Quarter	92,415	31,803	29,235

(1) Excluding Yukon and Northwest Territories.

(2) Preliminary.

TABLE 2.— NUMBER OF IMMIGRANTS TO CANADA, BY SEX, MARITAL STATUS AND AGE GROUP,
1945 — JUNE, 1949.

Period	Males			Females			18 Years and Over			Under 18 Years			Total
	Married	Single	Sub-total	Married	Single	Sub-total	Male	Female	Sub-total	Male	Female	Sub-total	
1945	2,695	5,006	7,701	9,470	5,551	15,021	4,259	11,620	15,879	3,442	3,401	6,843	22,722
1946	6,694	13,799	20,493	36,457	14,779	51,236	9,934	40,818	50,752	10,559	10,408	20,967	71,719
1947	13,799	19,636	33,435	13,162	17,530	30,692	27,281	24,787	52,068	6,154	5,905	12,059	64,127
1948													
January	1,417	2,322	3,739	1,465	2,044	3,509	2,986	2,794	5,780	753	715	1,468	7,248
February	1,154	1,651	2,805	1,117	1,287	2,404	2,234	1,904	4,138	571	500	1,071	5,209
March	2,247	3,251	5,498	2,214	2,907	5,121	4,184	3,963	8,147	1,314	1,158	2,472	10,619
1st Quarter	4,818	7,224	12,042	4,796	6,238	11,034	9,404	8,661	18,065	2,638	2,373	5,011	23,076
April	2,119	3,449	5,568	1,672	2,166	3,848	4,630	3,008	7,638	938	840	1,778	9,416
May	1,915	3,392	5,307	1,838	2,315	4,153	4,141	3,076	7,217	1,166	1,077	2,243	9,460
June	3,431	5,597	9,028	2,659	3,636	6,295	7,382	4,747	12,129	1,646	1,548	3,194	15,323
2nd Quarter	7,465	12,438	19,903	6,169	8,117	14,296	16,153	10,831	26,984	3,750	3,465	7,215	34,199
3rd Quarter	7,196	10,748	17,944	6,539	9,449	15,988	14,148	12,375	26,523	3,796	3,613	7,409	33,932
4th Quarter	6,364	10,837	17,201	7,172	9,834	17,006	13,281	13,324	26,605	3,920	3,682	7,602	34,207
Total, 1948.	25,843	41,247	67,090	24,676	33,638	58,324	52,986	45,191	98,177	14,104	13,133	27,237	125,414
1949													
January	1,513	2,214	3,727	1,607	2,115	3,722	2,884	2,845	5,729	843	877	1,720	7,449
February	1,224	2,325	3,549	1,451	1,648	3,099	2,797	2,342	5,139	752	757	1,509	6,648
March	1,939	2,945	4,884	1,991	2,303	4,294	3,690	3,104	6,794	1,194	1,180	2,374	9,168
1st Quarter	4,676	7,484	12,160	5,049	6,066	11,115	9,371	8,291	17,662	2,789	2,814	5,603	23,265
April	2,101	3,163	5,264	1,790	2,038	3,828	4,407	3,022	7,429	857	806	1,663	9,092
May	3,747	1,396	5,143	1,865	2,176	4,041	3,987	2,963	6,950	1,156	1,078	2,234	9,184
June	2,622	4,004	6,626	2,415	2,926	5,341	5,236	3,973	9,209	1,390	1,368	2,758	11,967
2nd Quarter	8,470	8,563	17,033	6,070	7,140	13,210	13,210	9,958	23,588	3,403	3,252	6,655	30,243

SECTION 2
HOUSE-BUILDING ACTIVITY

TABLE 3.— NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED, AND
UNDER CONSTRUCTION, CANADA, 1945 — JULY, 1949.

Type of Unit and Period	Starts	Completions	Under Construction (At End of Period) ⁽¹⁾
<i>New Permanent and Temporary Housing and Conversions</i>			
1945	— ⁽²⁾	48,599	— ⁽²⁾
1946	— ⁽²⁾	67,315	— ⁽²⁾
1947	81,404 ⁽³⁾	79,359	— ⁽²⁾
1948 ⁽⁴⁾	95,340 ⁽³⁾	81,243	— ⁽²⁾
<i>New Permanent Housing</i>			
1945	— ⁽²⁾	42,617	— ⁽²⁾
1946	— ⁽²⁾	60,575	40,170
1947	74,391	72,346	42,215
1948 ⁽⁴⁾			
January	1,675	3,736	40,154
February	1,894	3,778	38,270
March	3,109	4,055	37,529
1st Quarter	6,678	11,569	—
April	8,274	6,729	39,180
May	11,407	6,284	44,572
June	13,409	5,946	52,143
2nd Quarter	33,090	18,959	—
July	9,684	6,073	55,686
August	11,013	6,970	59,732
September	10,651	6,667	63,656
3rd Quarter	31,348	19,710	—
October	7,437	8,164	62,890
November	7,795	9,701	61,093
December	3,846	7,994	56,456
4th Quarter	19,078	25,859	—
Total, 1948 ⁽⁴⁾	90,194	76,037	—
1949 ⁽⁴⁾			
January	3,066	6,643	52,852
February	1,745	4,807	49,667
March	3,585	6,376	46,886
1st Quarter	8,396	17,826	—
April	8,466	7,251	48,080
May	12,809	7,374	53,533
June	10,528	7,275	56,787
2nd Quarter	31,803	21,900	—
July	8,700	6,400	58,000

(1) Total starts less completions do not equal the number of units under construction because of adjustments (see p. 82).

(2) Not available.

(3) Estimated.

(4) Data for 1948 and 1949 exclude Yukon and Northwest Territory.

TABLE 4.— NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED, AND UNDER CONSTRUCTION
IN METROPOLITAN AREAS AND MUNICIPALITIES OF 5,000 POPULATION AND OVER, CANADA,
1946 — JULY, 1949.

Period	Starts					Completions					Under Construction (At End of Period)				
	Veterans' Rental Projects by C.M.H.C.	Housing Enterprises Limited	Integrated Housing Projects	Other	Total	Veterans' Rental Projects by C.M.H.C.	Housing Enterprises Limited	Integrated Housing Projects	Other	Total	Veterans' Rental Projects by C.M.H.C.	Housing Enterprises Limited	Integrated Housing Projects	Other ⁽¹⁾	Total ⁽¹⁾
1946 December	—	—	—	—	—	—	—	—	—	—	3,557	2,811	1,440	19,781	27,589
1947	5,147	502	5,088	35,090	45,827	4,473	3,010	2,500	34,470	44,453	4,231	304 ⁽²⁾	4,028	20,947 ⁽²⁾	29,510
1948															
1st Quarter	375	1	767	4,020	5,163	1,617	304	1,235	6,133	9,289	2,877	—	3,481	19,023	25,381
2nd Quarter	1,590	—	1,916	15,587	19,093	1,918	—	1,430	8,528	11,876	2,549	—	3,967	26,137	32,653
3rd Quarter	3,649	—	1,649	14,397	19,695	1,033	—	1,750	8,167	10,950	5,165	—	3,866	32,266	41,297
4th Quarter	1,613	—	1,085	11,022	13,720	988	1	1,583	13,320	15,891	5,790	—	3,064	30,363	39,217
Total, 1948	7,227	1	5,417	45,026	57,671	5,556	305	5,998	36,148	48,007	—	—	—	—	—
1949															
January	54	—	181 ⁽²⁾	1,758 ⁽²⁾	1,993	486	—	413 ⁽²⁾	3,653 ⁽²⁾	4,552	5,335	—	2,705 ⁽²⁾	28,705 ⁽²⁾	36,638
February	27	—	304 ⁽²⁾	1,013 ⁽²⁾	1,344 ⁽²⁾	597	—	304 ⁽²⁾	2,916 ⁽²⁾	3,817	4,765	—	2,428 ⁽²⁾	26,903 ⁽²⁾	34,096
March	121	—	92 ⁽²⁾	2,755 ⁽²⁾	2,968	847	—	271 ⁽²⁾	3,651 ⁽²⁾	4,769	4,035	—	2,278 ⁽²⁾	25,998 ⁽²⁾	32,305
1st Quarter	202	—	577 ⁽²⁾	5,526 ⁽²⁾	6,305	1,930	—	988 ⁽²⁾	10,220 ⁽²⁾	13,138 ⁽²⁾	—	—	—	—	—
April	171	—	69 ⁽²⁾	5,566 ⁽²⁾	5,806	737	—	525 ⁽²⁾	3,944 ⁽²⁾	5,206	3,516	—	1,924 ⁽²⁾	27,445 ⁽²⁾	32,885
May	502	—	109	6,199	6,810	596	—	287	3,901	4,784	3,422	—	2,139	29,368	34,929
June	502	—	291	6,586	7,379	1,098	—	507	3,909	5,514	2,826	—	1,923	32,046	36,795
2nd Quarter	1,175	—	469	18,351	19,995	2,431	—	1,319	11,754	15,504	—	—	—	—	—
July ⁽³⁾	304	—	318	4,637	5,259	514	—	341	3,744	4,749	2,616	—	1,900	32,719	37,235

(1) Data for 1948 and 1949 adjusted (see p. 82).

(2) Revised.

(3) Preliminary.

TABLE 5. — NEW RESIDENTIAL CONSTRUCTION,
BUILDING PERMITS ISSUED IN 204 MUNICIPALITIES, CANADA, 1945 — JUNE, 1949.

Period	Value of Residential Construction Building Permits Issued (Millions of Dollars)			Number of New Housing Units		
	New Residential Construction	Additions, Alterations and Repairs	Total	Apartments and Flats	All Other Housing Units	Total
1945	105.5	12.4	117.9	4,918	23,645	28,563
1946	182.7	18.0	200.7	6,274	39,023	45,297
1947						
1st Quarter	21.2	2.5	23.7	589	4,225	4,814
2nd Quarter	55.9	6.0	61.9	1,159	11,680	12,839
3rd Quarter	48.6	4.6	53.2	1,044	10,191	11,235
4th Quarter	36.2	2.9	39.1	1,175	7,154	8,329
Total, 1947	161.9	16.0	177.9	3,967	33,250	37,217
1948						
January	4.8	.9	5.7	183	914	1,097
February	7.4	.9	8.4	377	1,362	1,739
March	16.9	1.6	18.5	908	2,717	3,625
1st Quarter	29.1	3.4	32.6	1,468	4,993	6,461
April	31.4	2.4	33.7	478	5,334	5,812
May	33.3	3.5	36.8	397	5,880	6,277
June	33.8	2.8	36.6	659	5,570	6,229
2nd Quarter	98.5	8.7	107.1	1,534	16,784	18,318
July	29.4	2.4	31.8	657	4,590	5,247
August	29.1	2.2	31.3	386	4,791	5,177
September	24.7	1.9	26.6	561	4,004	4,565
3rd Quarter	83.2	6.5	89.7	1,604	13,385	14,989
October	24.6	1.9	26.5	881	3,595	4,476
November	22.1	1.4	23.5	591	3,164	3,755
December	18.8	1.2	20.0	395	2,917	3,312
4th Quarter	65.5	4.5	70.0	1,867	9,676	11,543
Total, 1948	276.3	23.1	299.5	6,473	44,838	51,311
1949						
January	8.7	.9	9.5	351	1,296	1,647
February	10.4	1.1	11.5	439	1,372 ⁽¹⁾	1,811 ⁽¹⁾
March	27.0	1.8 ⁽¹⁾	28.8 ⁽¹⁾	1,001	3,683 ⁽¹⁾	4,684 ⁽¹⁾
1st Quarter	46.1	3.8 ⁽¹⁾	49.8 ⁽¹⁾	1,791	6,351 ⁽¹⁾	8,142 ⁽¹⁾
April	38.8	2.8	41.6	1,108	5,362	6,470
May	40.7	5.3	46.0	508	6,168	6,676
June	35.5	3.0	38.5	1,156	4,840	5,996
2nd Quarter	115.0	11.1	126.1	2,772	16,370	19,142

(1) Revised.

TABLE 6.— NEW RESIDENTIAL CONSTRUCTION,
CONSTRUCTION CONTRACTS AWARDED, CANADA, 1945 — JULY, 1949.

Period	Value of New Residential Construction Contracts Awarded (Millions of Dollars)			Number of New Housing Units		
	Apartments	All Other Residential Dwellings	Total	Apartments ⁽¹⁾	All Other Residential Dwellings	Total
1945	6.3	189.7	196.0	1,091	48,344	49,435
1946	19.0	194.1	213.1	3,140	38,162	41,302
1947						
1st Quarter	1.4	17.6	19.0	209	3,422	3,631
2nd Quarter	4.0	57.3	61.2	587	11,515	12,102
3rd Quarter	2.8	62.8	65.7	395	12,783	13,178
4th Quarter	3.8	47.3	51.3	500	8,738	9,238
Total, 1947	12.0	185.0	197.2	1,691	36,458	38,149
1948						
January	.8	14.1	15.0	109	2,264	2,373
February	1.1	14.0	15.1	136	2,130	2,266
March	3.2	17.3	20.5	414	3,166	3,580
1st Quarter	5.1	45.4	50.6	659	7,560	8,219
April	1.9	31.3	33.2	245	5,286	5,531
May	2.4	49.4	51.8	301	10,442	10,743
June	1.7	39.2	40.9	211	6,734	6,945
2nd Quarter	6.0	119.9	125.9	757	22,462	23,219
July	3.0	35.3	38.3	427	6,830	7,257
August	2.7	41.7	44.5	329	7,287	7,616
September	1.4	32.7	34.1	170	6,947	7,117
3rd Quarter	7.1	109.7	116.9	926	21,064	21,990
October	2.5	29.7	32.1	289	5,011	5,300
November	6.7	23.1	29.8	783	3,908	4,691
December	2.7	15.1	17.8	317	2,495	2,812
4th Quarter	11.9	67.9	79.7	1,389	11,414	12,803
Total, 1948	30.1	342.9	373.1	3,731	62,500	66,231
1949						
January	15.1	15.2	30.3	2,000	2,334	4,334
February	3.8	15.5	19.2	446	2,313	2,759
March	5.8	14.1	19.9	676	2,266	2,942
1st Quarter	24.7	44.8	69.5	3,122	6,913	10,035
April	5.2	31.1	36.4	610	4,880	5,490
May	4.2	43.9	48.2	495	7,277	7,772
June	2.6	44.3	46.9	302	7,544	7,846
2nd Quarter	12.0	119.3	131.5	1,407	19,701	21,108
July	5.6	46.6	52.2	659	7,382	8,041

(1) Estimated (see p. 83).

SECTION 3

PUBLICLY ASSISTED HOUSE-BUILDING

TABLE 7.— NUMBER OF NEW PERMANENT HOUSING UNITS STARTED, DIRECT FEDERAL GOVERNMENT HOUSING AND PRIVATELY-INITIATED HOUSING WITH AND WITHOUT FEDERAL GOVERNMENT FINANCIAL ASSISTANCE, CANADA, 1947 — JUNE, 1949.

Period	Direct Government Housing	Privately-Initiated Housing					Total Government Assisted Housing ⁽¹⁾	Total Housing
		With Government Financial Assistance			Other	Total Privately- Initiated Housing		
		Loans	Guarantees	Sub-total				
1947								
1st Quarter	230	997	89	1,086	4,531	5,617	1,316	5,847
2nd Quarter	1,570	4,739	165	4,904	20,651	25,555	6,474	27,125
3rd Quarter	2,932	3,930	84	4,014	16,119	20,133	6,946	23,065
4th Quarter	2,458	3,297	49	3,346	12,550	15,896	5,804	18,354
Year	7,190	12,963	387	13,350	53,851	67,201	20,540	74,391
1948								
1st Quarter	537	1,972	56	2,028	4,113	6,141	2,565	6,678
2nd Quarter	2,703	5,555	106	5,661	24,726	30,387	8,364	33,096
3rd Quarter	4,418	5,533	443	5,976	20,954	26,930	10,394	31,348
4th Quarter	2,450	4,293	1,282	5,575	11,053	16,628	8,025	19,078
Year	10,108	17,353	1,887	19,240	60,846	80,086	29,348	90,194
1949								
1st Quarter	378	2,812 ⁽²⁾	691	3,503 ⁽²⁾	4,515 ⁽²⁾	8,018	3,881 ⁽²⁾	8,396
2nd Quarter	1,248	5,088 ⁽²⁾	1,551	6,639 ⁽²⁾	23,916 ⁽²⁾	30,555	7,887 ⁽²⁾	31,803

(1) Includes direct Government housing and privately-initiated housing with Government financial assistance.

(2) Preliminary.

**TABLE 8.—LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944,⁽¹⁾
NUMBER AND AMOUNT OF GROSS LOANS APPROVED AND NUMBER OF HOUSING
UNITS FINANCED, CANADA, FEBRUARY, 1945 — JULY, 1949.**

Period	Number of Loans ⁽²⁾	Number of Housing Units ⁽²⁾	Amount of Loans ⁽²⁾ (\$000)
1945 ⁽³⁾	5,142	5,695	23,832
1946	8,429	13,042	61,635
1947			
1st Quarter.....	718	888	4,114
2nd Quarter.....	4,119	4,642	22,473
3rd Quarter.....	2,886	3,598	17,348
4th Quarter.....	2,826	3,606	17,775
Sub-total	10,549	12,734	61,709
1948			
January.....	507	540	2,644
February.....	531	628	3,006
March.....	906	1,294	6,368
1st Quarter.....	1,944	2,462	12,018
April.....	1,529	1,895	9,698
May.....	1,953	2,361	12,515
June.....	1,850	2,408	12,696
2nd Quarter.....	5,332	6,664	34,909
July.....	1,811	2,152	11,453
August.....	1,647	1,858	9,937
September.....	2,164	2,556	13,570
3rd Quarter.....	5,622	6,566	34,960
October.....	1,610	1,756	9,512
November.....	1,243	1,693	8,796
December.....	1,187	1,640	8,433
4th Quarter.....	4,040	5,089	26,741
Sub-total	16,938	20,781	108,629
1949			
January.....	816	1,557 ⁽⁴⁾	8,314
February.....	783	1,356	7,403
March.....	1,137	1,845	9,879
1st Quarter.....	2,736	4,758 ⁽⁴⁾	25,596
April ⁽⁴⁾	1,786	2,859	15,395
May.....	1,873	2,301	12,283
June.....	2,242	3,213	17,376
2nd Quarter.....	5,901	8,373	45,048
July ⁽⁵⁾	1,988	2,191	12,041
Total, Feb. 1, 1945 — July 31, 1949	51,683	67,574	338,490

(1) For information on operations under the Dominion Housing Act, 1935, and the National Housing Act, 1938, see *Housing in Canada*, October, 1946, p. 29.

(2) Figures shown are gross, i.e. total loans approved with no allowance for cancellations, reinstatements and adjustments.

(3) Covers period February 1 to December 31.

(4) Revised.

(5) Preliminary.

TABLE 9.— LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, GROSS LOANS APPROVED, BY TYPE OF LOAN,
CANADA, FIRST HALF, 1948 AND 1949.

Type of Loan	First Half 1948 ⁽¹⁾				First Half 1949			
	Number of Loans	Number of Housing Units	Amount (\$000)	Average Loan per Housing Unit \$	Number Housing Loans	Number of Housing Units	Amount (\$000)	Average Loan per Housing Unit \$
Housing for Home-Ownership:								
Loans to home-owners.....	1,570	1,584	8,134	5,135	2,553	2,639	14,232	5,393
Loans to builders for sale:								
Integrated housing.....	3,306	3,747	20,059	5,353	1,160	1,211	7,092	5,856
Other.....	2,155	2,299	12,113	5,269	4,576 ⁽²⁾	4,868	26,156	5,373
Sub-total	7,031	7,630	40,306	5,283	8,289 ⁽²⁾	8,718	47,480	5,446
Housing for Rental Purposes:								
Loans to individuals.....	240	1,414	6,105	4,317	284	1,545	6,828	4,419
Rental Insurance.....	—	—	—	—	62	2,853	16,314	5,178
Primary industries.....	1	8	14	1,800	—	—	—	—
Limited Dividend Corporations...	3	74	417	5,639	2	15	22	1,467
Sub-total	244	1,496	6,536	4,369	348	4,413	23,164	5,249
Total Gross Loans.....	7,275	9,126	46,842	5,133	8,637	13,131	70,644	5,380

(1) Data revised in accordance with year-end review.

(2) Includes a number of loans on duplexes, part of which may be for rent.

TABLE 10.— LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944,⁽¹⁾
 ANALYSIS OF GROSS LOANS APPROVED SHOWING AVERAGE ESTIMATED COST, LENDING VALUE,
 AMOUNT OF LOAN, FLOOR AREA, AND CONSTRUCTION COST PER SQUARE FOOT, BY TYPE OF HOUSING UNIT, CANADA,
 FIRST HALF, 1948 AND 1949.

Type of Housing Unit	Number of Loans	Number of Housing Units	Amount of Loans (\$000)	Average Estimated Costs				Average			
				Land	Con- struction	Other	Total	Lending Value	Loan	Finished Floor Area Sq. Ft.	Con- struction Cost per Sq. Ft. \$
1948—First Half ⁽²⁾											
Single 1-Storey	3,302	3,302	16,318	549	6,398	124	7,071	5,877	4,942	860	7.44
Single 1½-Storey	2,204	2,204	12,972	583	7,219	154	7,957	6,973	5,886	949	—
Single 2-Storey	767	770	4,860	636	8,323	172	9,131	7,836	6,312	1,278	6.51
Semi-Detached	207	263	1,426	453	7,049	169	7,671	6,753	5,422	937	7.52
Duplex	82	164	703	354	6,098	111	6,563	5,548	4,287	925	6.59
Triplex	17	51	216	390	6,636	204	7,230	5,426	4,233	1,033	6.43
Double Duplex	248	516	2,395	388	6,251	197	6,836	5,838	4,642	938	6.67
Row House	354	732	3,090	277	5,276	122	5,675	5,260	4,221	898	5.87
Apartment	90	1,042	4,431	250	5,617	386	6,253	5,391	4,252	876	6.41
Total ⁽²⁾	7,271	9,044	46,411	490	6,588	171	7,251	6,132	5,132	931	6.93
1949—First Half											
Single 1-Storey	4,069	4,069	20,867	638	7,272	143	8,053	6,197	5,128	893	8.14
Single 1½-Storey	2,635	2,635	15,271	641	7,887	158	8,686	7,066	5,796	1,004	—
Single 2-Storey	971	974	6,306	750	9,357	190	10,297	8,202	6,475	1,331	7.03
Semi-Detached	223	247	1,580	700	9,297	234	10,231	8,201	6,399	1,243	7.48
Duplex	184	444	2,029	485	6,771	140	7,396	5,789	4,570	1,065	6.36
Triplex	33	99	399	457	6,687	229	7,373	5,187	4,032	970	6.90
Double Duplex	179	386	1,822	414	7,190	264	7,868	6,134	4,876	1,009	7.13
Row House	192	391	1,644	299	5,584	156	6,039	5,388	4,205	938	5.95
Apartment	148	3,839	20,492	312	6,372	525	7,209	6,110	5,338	906	7.04
Total ⁽³⁾	8,634	13,084	70,472	528	7,251	268	8,048	6,486	5,386	969	7.41

(1) Excluding loan approvals under Sections 9 and 9a.

(2) Revised in accordance with year-end review.

(3) Excludes one loan for \$150,000 approved for a staff house to contain 32 units.

TABLE 11. — LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944,
HOME EXTENSION LOAN GUARANTEES APPROVED, CANADA,
APRIL, 1946 — JUNE, 1949.

Period	Number of Loans	Number of New Housing Units	Amount \$	Average Loan per New Housing Unit \$
1946	25	48	76,315	1,590
1947				
1st Quarter	3	5	9,750	1,950
2nd Quarter	4	7	12,975	1,854
3rd Quarter	2	2	3,400	1,700
4th Quarter	2	2	4,650	2,325
Sub-total	11	16	30,775	1,923
1948				
January	0	—	—	—
February	1	1	1,000	1,000
March	0	—	—	—
1st Quarter	1	1	1,000	1,000
2nd Quarter	0	—	—	—
July	0	—	—	—
August	1	2	3,000	1,500
September	1	1	3,000	3,000
3rd Quarter	2	3	6,000	2,000
4th Quarter	0	—	—	—
Sub-total	3	4	7,000	1,750
1949				
1st Quarter	0	—	—	—
2nd Quarter	0	—	—	—
Total, April, 1946 — June, 1949	39	68	114,090	1,678

TABLE 12.— VETERANS' RENTAL HOUSING PROJECTS BY CENTRAL MORTGAGE AND HOUSING CORPORATION,⁽¹⁾ NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED, AND UNDER CONSTRUCTION, AND ACTUAL EXPENDITURE, CANADA, 1941 — JUNE, 1949.

Period	Number of Housing Units			Actual Expenditure (\$000)			
	Started	Completed	Under Construction (At End of Period)	Housing	Supplementary Buildings	Land, Improvements and Other Outlay	Total
1941-1945 ⁽²⁾	23,704	18,774	4,930	60,941	13,779	16,671	91,392
1946	6,133	6,997	4,066	34,314	47	2,179	36,540
1947							
1st Quarter	180	2,055	2,191	5,472	6	325	5,803
2nd Quarter	1,367	1,654	1,904	3,419	7	410	3,836
3rd Quarter	2,780	890	3,794	7,545	3	526	8,074
4th Quarter	2,382	822	5,354	10,265	5	632	10,902
Sub-total	6,709	5,421	—	26,701	21	1,893	28,615
1948							
January	21	508	4,867	3,821	—	198	4,019
February	214	731	4,350	3,303	2	239	3,544
March	99	726	3,723	5,225	3	355	5,583
1st Quarter	334	1,965	—	12,349	5	792	13,146
April	530	1,040	3,213	409	—	68	477
May	371	813	2,771	1,937	—	267	2,204
June	1,042	671	3,142	2,022	—	356	2,378
2nd Quarter	1,943	2,524	—	4,368	—	691	5,059
July	987	563	3,566	2,916	—	352	3,268
August	1,389	358	4,597	2,976	1	338	3,315
September	1,455	436	5,616	5,077	3	482	5,562
3rd Quarter	3,831	1,357	—	10,969	4	1,172	12,145
October	1,364	264	6,716	7,182	10	177	7,369
November	588	363	6,941	5,464	8	329	5,801
December	241	461	6,721	8,848	12	535	9,395
4th Quarter	2,193	1,088	—	21,494	30	1,041	22,565
Sub-total	8,301	6,934	—	49,180	39	3,696	52,915
1949							
January	54	521	6,244 ⁽³⁾	951	—	294	1,245
February	27	656	5,615	4,028	2	151	4,180
March	127	981 ⁽³⁾	4,757 ⁽³⁾	6,320	2	570	6,892
1st Quarter	208	2,158 ⁽³⁾	—	11,299	4	1,015	12,318
April	183	891	4,049	746	2	162	911
May	526	719	3,856	2,552	3	126	2,680
June	539	1,282	3,113	2,095	—	247	2,341
2nd Quarter	1,248	2,892	—	5,393	5	535	5,932
Total, April, 1941 — June, 1949	46,303	43,176	—	187,828	13,895	25,989	227,712

(1) Operations during 1941-1947 conducted by Wartime Housing Limited.

(2) Covers war workers' housing built between April, 1941 and December 31, 1945.

(3) Revised.

TABLE 13.— VETERANS' RENTAL HOUSING PROJECTS BY CENTRAL MORTGAGE AND
HOUSING CORPORATION, ⁽¹⁾ CONSTRUCTION UNDER CONTRACT, BY UNITS,
CANADA, 1945 — JULY, 1949.

As at Date of Reporting Closest to End of Month	Construction Under Contract		
	Number		
	Projects	Housing Units	Supplementary Buildings
1945—March.....	11	558	4
June.....	7	602	4
September.....	37	4,276	1
December.....	60	5,524	1
1946—March.....	59	5,288	1
June.....	83	5,675	0
September.....	78	5,513	5
December.....	80	4,660	9
1947—March.....	72	2,873	6
June.....	61	3,451	6
September.....	87	6,332	7
December.....	98	6,486	7
1948—January.....	98	6,145	7
February.....	100	5,609	8
March.....	88	4,698	8
April.....	82	3,912	7
May.....	92	5,186	5
June.....	90	6,410	4
July.....	81	6,588	1
August.....	93	7,775	1
September.....	107	8,442	1
October.....	111	8,569	1
November.....	110	8,216	1
December.....	104	7,745	1
1949—January.....	97	7,235	1
February.....	91	6,755	1
March.....	84	5,940	1
April.....	73	5,049	1
May.....	68	4,476	1
June.....	48	4,028	1
July.....	48 ⁽²⁾	3,844	1

(1) Operations during 1945-47 conducted by Wartime Housing Limited.

(2) Number of municipalities in which projects were in progress at July 31 total 40.

TABLE 14. — VETERANS' RENTAL HOUSING PROJECTS BY CENTRAL MORTGAGE AND HOUSING CORPORATION, HOUSING UNITS UNDER CONTRACT, BY TWENTY-THREE STAGES OF CONSTRUCTION, CANADA, JUNE AND DECEMBER, 1948, AND JUNE, 1949.

Item	Stage of Construction Yet to be Completed	Number of Housing Units		
		June, 1948	Dec., 1948	June, 1949
1.	Excavation	3,268	1,024	768
2.	Foundation.....	3,854	1,296	1,237
3.	Water and sewer under building....	4,595	3,021	1,673
4.	Framing.....	4,430	2,551	1,768
5.	Doors, frames and window sash....	4,867	3,665	1,946
6.	Chimneys.....	5,005	4,357	2,049
7.	Roofs shingled	4,751	3,942	2,025
8.	Plumbing roughed in.....	4,754	4,554	1,956
9.	Wiring roughed in.....	4,939	5,138	2,248
10.	Insulation.....	5,159	5,705	2,339
11.	Wall and ceiling board and taping..	5,214	6,274	2,474
12.	Finished flooring laid	5,419	6,373	2,758
13.	Exterior finish, including siding and trim.....	5,152	5,205	2,241
14.	Porches.....	5,369	5,390	2,382
15.	Interior trim.....	5,512	7,118	2,832
16.	Interior painting.....	5,951	7,482	3,369
17.	Hardware.....	5,890	7,327	3,191
18.	Plumbing fixtures.....	5,926	7,278	3,299
19.	Electrical work complete.....	6,011	7,482	3,385
20.	Exterior painting.....	8,048	8,575	4,548
21.	Water and sewer to main.....	5,577	3,866	1,784
22.	Electrical services connected.....	6,049	7,529	3,509
23.	Final inspection.....	6,410	7,745	3,881

TABLE 15. — CONSTRUCTION OPERATIONS UNDER THE VETERANS' LAND ACT, 1942,
NUMBER AND AMOUNT OF APPROPRIATIONS AND APPLICATIONS FOR ASSISTANCE APPROVED,
BY TYPE OF PROJECT, CANADA,
SEPTEMBER 23, 1943 — JUNE, 1949.

Type of Project	Number of Applications for Assistance Approved	Amount of Appropriations and Applications for Assistance Approved (\$000)			
		New Construction		Land and Existing Buildings	Total
		Housing	Repair and other Services		
1. Small Holdings, Sub-division Projects: Sept. 23, 1943—Mar., 1949. 2nd Quarter, 1949.....	2,673 —	17,569 ⁽¹⁾ —	4,139 —	1,492 —	23,200 ⁽¹⁾ —
Sub-total	—	17,569	4,139	1,492	23,200
2. Small Holdings, Individual Projects: Sept. 23, 1943—Mar., 1949. 2nd Quarter, 1949.....	12,699 770	35,723 3,146	4,382 205	18,504 480	58,609 3,831
Sub-total	13,469	38,869	4,587	18,984	62,440
3. Full-Time Farming: Sept. 23, 1943—Mar., 1949. 2nd Quarter, 1949.....	7,614 166	1,819 46	4,204 120	15,104 1,294	21,127 1,460
Sub-total	7,780	1,865	4,324	16,398	22,587
4. Commercial Fishing, Dominion and Provincial Lands Grants to Indian Veterans: Sept. 23, 1943—Mar., 1949. 2nd Quarter, 1949.....	2,934 133	2,484 187	387 206	680 74	3,551 467
Sub-total	3,067	2,671	593	754	4,018
5. Total All Projects: Sept. 23, 1943—Mar., 1949. 2nd Quarter 1949.....	25,920 1,069	57,595 ⁽¹⁾ 3,379	13,112 531	35,780 1,848	106,487 ⁽¹⁾ 5,758
Total	26,989	60,974	13,643	37,628	112,245

(1) Revised.

TABLE 16.— CONSTRUCTION OPERATIONS UNDER THE VETERANS' LAND ACT, 1942,
NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED AND UNDER
CONSTRUCTION AND EXPENDITURE, BY TYPE OF PROJECT, CANADA,
SEPTEMBER 23, 1943 — JUNE, 1949.

Type of Project	Number of Housing Units			Expenditure on Housing Units Completed, Current Construction, Repairs and Other Services (\$000)
	Started	Completed	Under Con- struction At End of Period	
1. Small Holdings, Sub-Division Projects:				
Sept., 1943—Dec., 1947...	2,673	2,669	4	20,409
1948—1st Half.....	—	4	—	778
2nd Half.....	—	—	—	44
1949—1st Half.....	—	—	—	174
Sub-total	—	2,673	—	21,405
2. Small Holdings, Individual Projects:				
Sept., 1943—Dec., 1947...	3,111	1,425	1,686	13,737
1948—1st Half.....	557	893	1,350	3,514
2nd Half.....	899	592	1,657	5,585
1949—1st Half.....	574	548	1,683	3,678
Sub-total	5,141	3,458	—	26,514
3. Full-Time Farming Projects:				
Sept., 1943—Dec., 1947...	538	218	320	2,559
1948—1st Half.....	61	70	311	527
2nd Half.....	83	142	252	957
1949—1st Half.....	31	59	224	435
Sub-total	713	489	—	4,478
4. Other Projects:				
Sept., 1943—Dec., 1947...	435	195	240	1,448
1948—1st Half.....	122	91	271	355
2nd Half.....	162	140	293	900
1949—1st Half.....	49	36	306	375
Sub-total	768	462	—	3,078
5. All Projects:				
Sept., 1943 — Dec., 1947..	6,757	4,507	2,250	38,153
1948—1st Half.....	740	1,058	1,932	5,174
2nd Half.....	1,144	874	2,202	7,486
1949—1st Half.....	654	643	2,213	4,662
Total	9,295	7,082	—	55,475

TABLE 17.— ARMED SERVICE MARRIED QUARTERS, PERMANENT AND TEMPORARY HOUSING,
NUMBER STARTED, COMPLETED, AND UNDER CONSTRUCTION, AND EXPENDITURES, CANADA.
1947 — JUNE, 1949⁽¹⁾.

Type of Unit	Starts			Completions			Under Construction (At End of Period)			Construction Expenditures (\$000)		
	Per- manent	Tem- porary	Total	Per- manent	Tem- porary	Total	Per- manent	Tem- porary	Total	Per- manent	Tem- porary	Total
1947	481	824	1,305	18	438	456	523	576	1,099 ⁽²⁾	522	522	1,043
1948												
1st Quarter	203	146	349	14	98	112	712	624	1,336	1,015	243	1,258
2nd Quarter	760	20	780	39	85	124	1,433	559	1,992	1,487	226	1,713
3rd Quarter	587	7	594	67	324	391	1,953	179	2,132	3,960	167	4,127
4th Quarter	257	1	258	243	136	379	1,967	30	1,997	4,383	—	4,383
Sub-total	1,807	174	1,981	363	643	1,006	—	—	—	10,845	636	11,481
1949												
1st Quarter	170	2	172	545	14	559	1,592	18	1,610	3,556	2	3,558
2nd Quarter	0	0	0	565	0	565	1,027	18	1,045	— ⁽³⁾	— ⁽³⁾	— ⁽³⁾
Total, Jan., 1947— June, 1949	2,458	1,000	3,458	1,491	1,095	2,586	—	—	—	— ⁽³⁾	— ⁽³⁾	— ⁽³⁾

(1) Includes housing units built for employees of the Defence Research Board.

(2) Prior to January, 1947, starts were made on 60 permanent and 190 temporary units.

(3) Not yet available.

TABLE 18. — LENDING OPERATIONS UNDER THE CANADIAN FARM LOAN ACT, 1927, CANADA,
1929 — JUNE, 1949.

Period	Residential Construction				Other Purposes		Total	
	New Structures		Alteration and Improvement of Existing Structures					
	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans ⁽¹⁾	Amount of Loans (\$000)
May 1, 1929— Mar. 31, 1945	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	26,832	54,694
1945 ⁽³⁾	53	48	25	10	794	1,973	804	2,031
1946	57	49	49	25	1,299	3,311	1,309	3,386
1947	57	58	49	18	1,222	3,191	1,227	3,267
1948								
January	4	3	13	4	142	373	143	380
February	1	2	3	2	64	172	64	176
March	1	1	2	1	27	75	27	77
1st Quarter	6	6	18	7	233	620	234	633
April	0	—	1	—	22	56	22	56
May	3	3	5	2	76	198	76	204
June	7	10	17	7	197	505	200	521
2nd Quarter	10	12	23	10	295	759	298	781
July	12	16	18	7	242	584	244	607
August	10	10	26	15	216	514	219	538
September	9	12	16	6	206	523	206	541
3rd Quarter	31	38	60	28	664	1,620	669	1,686
October	5	8	9	5	197	519	198	531
November	8	19	19	10	213	555	216	583
December	2	3	16	7	211	590	213	600
4th Quarter	15	29	44	21	621	1,664	627	1,714
Sub-total	62	85	145	66	1,813	4,663	1,828	4,814
1949								
January	6	7	8	3	151	446	152	457
February	0	—	2	2	58	181	58	182
March	1	2	0	—	43	133	44	135
1st Quarter	7	9	10	5	252	760	254	774
April	0	—	1	1	39	101	39	102
May	8	13	7	5	126	344	128	362
June	16	30	21	13	238	584	243	627
2nd Quarter	24	43	29	19	403	1,029	410	1,091
Total, May, 1929— June, 1949	—	—	—	—	—	—	32,664	70,057

(1) Because the amount loaned on a single mortgage may be applied for several purposes, the number of loans referred to in the total column has reference to the number of applications approved and consequently is at variance with a total of the number of loans shown in the other three columns.

(2) Not available.

(3) Covers period April 1 to December 31.

TABLE 19.—LENDING OPERATIONS UNDER THE FARM IMPROVEMENT LOANS ACT, 1944,
CANADA, MARCH, 1945 — JUNE, 1949.

Period	Residential Construction				Other Purposes		Total	
	New Structures		Alteration and Improvement of Existing Structures					
	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)
1945(1)	232	259	246	145	3,833	2,978	4,311	3,382
1946	375	408	351	237	12,304	9,235	13,030	9,880
1947	387	488	448	333	21,211	17,340	22,046	18,160
1948								
January	12	21	22	17	1,152	1,083	1,186	1,122
February	17	26	13	13	1,101	1,027	1,131	1,065
March	27	30	21	14	1,894	1,678	1,942	1,722
1st Quarter	56	77	56	44	4,147	3,788	4,259	3,908
April	27	40	45	43	2,903	2,447	2,975	2,530
May	33	44	40	34	3,468	2,950	3,541	3,029
June	46	50	72	72	2,825	2,647	2,943	2,770
2nd Quarter	106	134	157	150	9,196	8,044	9,459	8,329
July	41	55	48	43	3,225	3,252	3,314	3,350
August	29	40	51	40	4,033	4,483	4,113	4,564
September	10	12	40	34	2,323	2,556	2,373	2,602
3rd Quarter	80	108	139	116	9,581	10,292	9,800	10,516
October	30	48	69	48	2,836	2,722	2,935	2,818
November	39	53	56	38	2,356	2,165	2,451	2,255
December	17	29	47	38	1,463	1,438	1,527	1,504
4th Quarter	86	129	172	124	6,655	6,325	6,913	6,578
Sub-total	328	448	524	434	29,579	28,449	30,431	29,331
1949								
January	9	10	26	21	1,493	1,507	1,528	1,537
February	10	16	22	16	1,445	1,421	1,477	1,453
March	13	23	54	46	3,254	3,143	3,321	3,212
1st Quarter	32	49	102	82	6,071	6,192	6,326	6,203
April	33	46	52	46	5,385	4,823	5,470	4,915
May	42	73	103	98	3,496	3,269	3,641	3,440
June	69	115	128	121	3,305	3,111	3,502	3,347
2nd Quarter	144	234	283	265	12,186	11,203	12,613	11,702
Total, March, 1945— June, 1949	1,198	1,886	1,954	1,496	85,184	75,397	88,757	78,658

(1) Covers period March 1 — December 31.

TABLE 20 — PROPERTY MANAGEMENT OPERATIONS UNDER CENTRAL MORTGAGE AND HOUSING CORPORATION,
NUMBER OF RENTAL UNITS UNDER ADMINISTRATION AND PER CENT VACANT,
BY TYPE OF UNIT, CANADA, 1947 — JULY, 1949.

As at End of Month	Units in New Structures						Home Conversion Plan		All Units	
	Single Units		Multiple Units		Total					
	Number of Units	Per cent Vacant	Number of Units	Per cent Vacant	Number of Units	Per cent Vacant	Number of Units	Per cent Vacant	Number of Units	Per cent Vacant
1947										
March	26,867	.7	42	—	26,909	.7	2,081	—	28,990	.6
June	28,074	.5	42	—	28,116	.5	2,098	—	30,214	.5
September	28,769	.4	539	2.0	28,811	.6	2,085	—	30,896	.5
December	30,392	.6	799	.1	31,191	.6	2,079	—	33,270	.5
1948										
January	30,551	.4	1,032	.3	31,583	.4	2,079	—	33,662	.4
February	31,056	.5	1,117	—	32,173	.5	2,065	—	34,238	.4
March	31,606	.4	1,132	—	32,738	.4	2,065	—	34,803	.4
April	31,945	.7	1,140	—	33,085	.7	2,065	—	35,150	.6
May	32,713	.8	1,142	—	33,855	.7	2,039	—	35,894	.7
June	33,260	.8	1,142	—	34,402	.7	2,013	—	36,415	.7
July	33,774	.4	1,142	—	34,916	.4	2,005	—	36,921	.4
August	34,041	.5	1,142	—	35,183	.4	1,991	—	37,174	.4
September	33,731	.4	1,392	—	35,123	.4	1,990	.5	37,113	.4
October	33,676	.4	1,310	—	34,986	.4	1,924	.3	36,910	.4
November	34,045	.3	1,336	—	35,381	.3	1,867	.2	37,248	.3
December	33,900	.3	1,388	.1	35,288	.3	1,827	—	37,115	.3
1949										
January	34,182	.4	1,416	.1	35,598	.3	1,791	.3	37,389	.3
February	34,613	.6	1,466	—	36,079	.6	1,770	.5	37,849	.6
March	35,373	.7	1,505	—	36,878	.7	1,671	.3	38,549	.7
April	35,979 ⁽¹⁾	.8	1,533	.3	37,512 ⁽¹⁾	.8	1,633 ⁽¹⁾	1.1	39,145 ⁽¹⁾	.8
May	37,046	.7	1,603	.6	38,649	.7	1,574	2.0	40,223	.7
June	37,461	.6	1,642	.7	39,103	.6	1,512	.9	40,615	.7
July ⁽²⁾	38,458	.7	1,697	1.6	40,155	.8	1,513	.4	41,668	.7

(1) Revised.

(2) Preliminary.

TABLE 21.— OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, RENTAL INSURANCE PLAN, NUMBER OF PROJECTS, UNITS, AND TOTAL ESTIMATED COST FOR APPROVED PROJECTS WITH LOANS UNDER THE N.H.A. AND WITH CONVENTIONAL LOANS, CANADA, JULY, 1948 — JULY, 1949.

Period	With Loans Under The N.H.A.			With Conventional Loans			Total		
	Number of Projects	Number of Units	Estimated Cost (\$000)	Number of Projects	Number of Units	Estimated Cost (\$000)	Number of Projects	Number of Units	Estimated Cost (\$000)
1948									
July	—	—	—	1	28	225	1	28	225
August	—	—	—	1	15	109	1	15	109
September	1	100	614	7	320	2,464	8	420	3,078
3rd Quarter	1	100	614	9	363	2,799	10	463	3,413
October	2	48	288	4	83	617	6	131	905
November	3	72	461	6	617	4,507	9	689	4,968
December	1	440	3,240	12	496	3,722	13	936	6,962
4th Quarter	6	560	3,989	22	1,196	8,846	28	1,756	12,835
Sub-total	7	660	4,603	31	1,559	11,644	38	2,219	16,247
1949									
January	5	224	1,611	4	158	1,195	9	382	2,806
February	7	330	2,448	5	342	2,523	12	672	4,971
March	26	1,043	7,781	2	100	778	28	1,143	8,559
1st Quarter	38	1,597	11,840	11	600	4,496	49	2,197	16,336
April	3	52	345	17	617	4,584	20	669	4,929
May	4	88	700	4	193	1,388	8	281	2,088
June	3	611	4,426	12	569	4,396	15	1,180	8,822
2nd Quarter	10	751	5,471	33	1,379	10,368	43	2,130	15,839
July	—	—	—	10	350	2,739	10	350	2,739
Total, July, 1948— July, 1949	55	3,008	21,914	85	3,888	29,248	140	6,896	51,162

TABLE 22.— OPERATIONS UNDER NATIONAL HOUSING ACT, 1944, RENTAL INSURANCE PLAN,
AVERAGE NUMBER OF ROOMS, FLOOR AREA, ESTIMATED COST, AND MAXIMUM RENT
PER UNIT, FOR PROJECTS APPROVED, CANADA, JULY, 1948 — JULY, 1949.

Period	Number of Rooms	Floor Area (Sq. Ft.)	Estimated Cost \$	Maximum Monthly Rent \$
1948				
July	4.0	865	8,036	83.83
August	4.0	912	7,267 ⁽¹⁾	69.00
September	4.0	904	7,328	80.00
3rd Quarter	4.0	902	7,371	79.83
October	4.1	881	6,907	78.67
November	3.8	854	7,210	82.17
December	3.9	885	7,438	82.42
4th Quarter	3.9	872	7,309	82.00
Sub-total	3.9	879	7,322	81.58
1949				
January	3.8	912	7,345	83.65
February	3.8	907	7,398	83.88
March	3.9	866	7,436	79.68
1st Quarter	3.9	887	7,436	81.66
April	3.8	916	7,368	80.97
May	3.7	885	7,431	82.14
June	4.0	879	7,477	76.33
2nd Quarter	3.9	890	7,436	78.58
July	3.8	893	7,827	80.17
Total, July, 1948 — July, 1949	3.9	885	7,419	81.50

(1) Revised.

TABLE 23. — APPROVED APPLICATIONS FOR DOUBLE DEPRECIATION ON RENTAL HOUSING PROJECTS, CANADA,
JUNE, 1947 — JUNE, 1949.

Period	Number of Projects	Number of Housing Units	Total Estimated Cost (\$000)	Average Estimated Costs Per Housing Unit				Average			
				Land \$	Con- struction \$	Equipment and Other \$	Total \$	Floor Area per Housing Unit Sq. Ft.	Con- struction Costs per Sq. Ft. \$	Number of Rooms per Housing Unit	Monthly Rent per Housing Unit \$
1947 ⁽¹⁾	28	370	2,543	207	5,914	753	6,874	969	6.10	4.7	58.06
1948											
1st Quarter	13	91	558	457	5,365	313	6,135	922	5.82	4.6	68.07
2nd Quarter	13	144	1,218	214	7,407	392	8,013	1,019	7.16	4.8	47.70
3rd Quarter	5	42	242	164	5,291	307	5,762	1,055	5.02	4.3	67.68
4th Quarter	9	128	892	237	6,317	416	6,970	956	6.61	4.6	71.78
Sub-total	40	405	2,910	270	6,404	373	7,047	981	6.44	4.6	61.96
1949											
January	5	128	874	298	5,915	614	6,827	861	6.87	3.6	85.35
February	8	101	669	343	5,960	320	6,623	974	6.12	4.6	76.01
March	12	230	1,685	451	6,403	473	7,327	976	6.56	3.9	85.30
1st Quarter	25	459	3,228	385	6,169	479	7,033	944	6.54	4.0	83.27
April	5	81	550	371	5,746	669	6,786	889	6.23	3.8	75.95
May	6	198	1,475	413	6,332	707	7,452	948	6.68	3.8	87.48
June	0	—	—	—	—	—	—	—	—	—	—
2nd Quarter	11	279	2,025	400	6,162	696	7,258	934	6.58	3.8	84.13
July	29	427	2,904	367	5,916	518	6,801	1,013	5.84	4.7	76.47
Total, June, 1947 —July, 1949	133	1,940	13,611	327	6,139	550	7,016	971	6.32	4.4	72.64

(1) Covers period June to December.

TABLE 24. — NUMBER OF HOUSING UNITS FOR WHICH PRIORITY ASSISTANCE FOR BUILDING MATERIALS HAS BEEN APPROVED,
BY TYPE OF PROJECT, CANADA, AUGUST 23, 1945 — JULY, 1949.

Period	Veterans' Land Act, 1942	Veterans' Rental Projects by C.M.H.C.	Housing Enterprises of Canada, Limited	Integrated Housing Projects	P.B.-1048	Rental Housing Projects	Armed Service Married Quarters ⁽¹⁾	Pre-fabricated Houses	Miscellaneous		Total
									New	Conversion	
1945 ⁽²⁾	2,657	6,923	—	—	—	—	—	1,000	238	—	10,818
1946	1,703	5,210	3,315	3,238	7,216	—	—	1,035	1,245	2,826	25,788
1947	1,213	7,282	17	5,748	9,132	542	812	1,496	1,220	2,447	29,909
1948											
1st Quarter	118	520	—	1,180	503	64	369	363	278	—	3,395
2nd Quarter	282	3,565	—	2,654	850	222	447	50	124	139	8,333
3rd Quarter	480	3,720	—	1,614	971	509	755	153	270	—	8,472
4th Quarter	346	516	—	872	896	884	429	18	56	220	4,237
Sub-total	1,226	8,321	—	6,320	3,220	1,679	2,000	584	728	359	24,437
1949											
January	38	220	—	447	126	676	—	6	—	—	1,513
February	41	—	—	16	115	40	—	—	—	—	212
March	30	320	—	96	104	189	—	95	—	—	834
1st Quarter	109	540	—	559	345	905	—	101	—	—	2,559
April	42	159	—	194	74	204	—	—	5	—	618
May	45	—	—	409	65	201	—	—	196	—	916
June	54	881	—	316	51	284	—	32	42	—	1,660
2nd Quarter	141	1,040	—	919	190	689	—	32	243	—	3,254
July	29	495	—	284	72	235	1,128	—	41	—	2,284
Total, Aug. 23, 1945 — July, 1949	7,078	29,811	3,332	17,068	20,175	4,050	3,940	4,248	3,715	5,632	99,049

(1) Covers housing units built for members of the permanent armed forces and for employees of the Defence Research Board.

(2) Covers period August 23 — December 31.

TABLE 25.— OPERATIONS UNDER THE HOUSING CORPORATION, PROVINCE OF ONTARIO,
NUMBER OF LOANS AND HOUSING UNITS APPROVED, AMOUNT OF LOANS APPROVED, AND
AMOUNT OF LOANS ADVANCED,
MAY, 1948 — JULY, 1949.

Period	Number of Loans and Housing Units Approved	Amount of Loans Approved (\$000)	Amount of Loans Advanced (\$000)
1948			
May-June	597	623	90
July	330	343	202
August	404	421	226
September	495	527	334
3rd Quarter	1,229	1,292	763
October	564	608	449
November	534	587	431
December	744	819	667
4th Quarter	1,842	2,015	1,548
Sub-total	3,668	3,929	2,401
1949			
January	536	603	607
February	588	705	602
March	681	705	712
1st Quarter	1,805	2,013	1,921
April	563	638	701
May	742	861	836
June	862	994	864
2nd Quarter	2,167	2,493	2,401
July	638	737	858
Total, May, 1948— July, 1949	8,278	9,172	7,581

SECTION 4
REAL ESTATE LENDING

TABLE 26. — GROSS MORTGAGE LOANS ON REAL ESTATE APPROVED BY LENDING INSTITUTIONS,
BY TYPE OF LOAN, CANADA, 1947 — JUNE, 1949.

Period	Non-Farm Residential Real Estate						Non-Farm Other Real Estate				Farms		Total	
	New Construction			Existing Property			New Construction		Existing Property					
	Number of Loans	Number of Housing Units	Amount of Loans (\$000)	Number of Loans	Number of Housing Units	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)	Number of Loans	Amount of Loans (\$000)
1947	19,603	25,582 ⁽¹⁾	106,143	20,688	31,866	82,176	1,054	27,253	1,480	35,882	1,560	6,680	44,385	258,134
1948														
1st Quarter	4,098	5,468	23,710	4,521	7,302	18,204	262	9,900	457	11,436	289	1,264	9,627	64,515
2nd Quarter	8,008	10,342	48,776	6,728	10,748	27,765	312	9,863	575	15,194	567	2,232	16,190	103,830
3rd Quarter	8,973	10,684	50,954	6,083	9,180	23,800	293	7,620	366	7,860	295	1,216	16,010	91,449
4th Quarter	7,517	9,643	45,094	5,160	8,085	22,233	255	6,168	399	8,052	442	1,964	13,773	83,510
Total, 1948	28,596	36,137	168,534	22,492	35,315	92,003	1,122	33,551	1,797	42,541	1,593	6,675	55,600	343,304
1949														
January	1,782	2,665	11,843	1,204	1,821	4,860	63	1,892	95	2,240	78	388	3,222	21,223
February	1,545	2,078	9,848	1,386	2,294	5,857	96	3,448	102	1,943	79	417	3,208	21,514
March	2,144	3,109	15,215	1,830	2,853	7,682	79	1,992	160	4,497	98	486	4,311	29,872
1st Quarter	5,471	7,852	36,907	4,420	6,968	18,399	238	7,333	357	8,680	255	1,291	10,741	72,609
April	2,803	3,703	18,488	2,054	3,404	8,981	98	2,048	126	1,982	164	664	5,245	32,163
May	2,691	3,541	17,665	2,144	3,042	8,778	81	3,498	130	2,582	133	598	5,179	33,122
June	3,439	4,157	20,559	2,208	3,449	9,728	80	2,564	119	2,590	129	510	5,975	35,952
2nd Quarter	8,933	11,401	56,712	6,406	9,895	27,488	259	8,110	375	7,154	426	1,772	16,399	101,237

(1) The figure shown here is slightly larger than the sum of the number of loans for single units and the number of multiple units shown in Table 27 because in two instances one loan covered several single dwellings (see footnotes 1, page 47, and 3, page 48, of Table 27).

TABLE 27.— GROSS MORTGAGE LOANS APPROVED ON NEW NON-FARM HOUSING CONSTRUCTION, BY TYPE OF LENDING INSTITUTION,
AND BY TYPE OF HOUSING UNIT, CANADA, 1947 — JUNE, 1949.

Period	Life Insurance Companies					Trust Companies					Loan Companies				
	Single Units		Multiple Units			Single Units		Multiple Units			Single Units		Multiple Units		
	Number of Loans	Amount (\$000)	Number of Loans	Number of Units	Amount (\$000)	Number of Loans	Amount (\$000)	Number of Loans	Number of Units	Amount (\$000)	Number of Loans	Amount (\$000)	Number of Loans	Number of Units	Amount (\$000)
1947	14,336 ⁽¹⁾	67,657	1,298	6,052	20,443	846	2,907	123	387	808	2,467	9,664	282	1,016	2,736
1948															
1st Quarter	2,971	14,145	405	1,498	5,695	222	920	23	111	272	358	1,448	53	162	394
2nd Quarter	5,835	30,613	657	2,492	9,962	464	2,316	33	121	220	735	3,256	116	384	1,025
3rd Quarter	6,765	35,415	500	1,875	7,464	486	2,330	24	66	181	932	3,672	111	309	733
4th Quarter	5,194	27,629	524	2,226	9,008	392	1,847	26	87	203	1,059	4,188	92	324	704
Total, 1948	20,765	107,802	2,086	8,091	32,129	1,564	7,412	106	385	876	3,084	12,564	372	1,179	2,857
1949															
January	1,232	6,531	227 ⁽²⁾	1,032 ⁽²⁾	3,756 ⁽²⁾	85	441	4	27	68	198	797	18	58	121
February	998 ⁽²⁾	5,561 ⁽²⁾	143	613	2,423	132	469	1	2	13	222	992	24	73	210
March	1,385 ⁽²⁾	7,477 ⁽²⁾	196 ⁽²⁾	1,048 ⁽²⁾	4,675 ⁽²⁾	200	1,189	6	19	69	221	954	34	95	177
1st Quarter	3,615 ⁽²⁾	19,569 ⁽²⁾	566 ⁽²⁾	2,693 ⁽²⁾	10,855 ⁽²⁾	417	2,099	11	48	150	641	2,743	76	226	509
April	1,949	11,071	170	771	3,881	141	727	3	8	23	397	1,733	22	78	121
May	1,940	10,866	168	920	4,046	149	719	3	7	18	313	1,269	22	57	123
June	2,470	13,594	171	748	3,030	166	754	7	20	78	480	2,081	42	128	317
2nd Quarter	6,359	35,531	509	2,439	10,956	456	2,200	13	35	118	1,190	5,103	86	263	561

(1) Includes one loan approved for 2 single units and one for 21 single units.

(2) Revised.

TABLE 27. — GROSS MORTGAGE LOANS APPROVED ON NEW NON-FARM HOUSING CONSTRUCTION, BY TYPE OF LENDING INSTITUTION,
AND BY TYPE OF HOUSING UNIT, CANADA, 1947 — JUNE, 1949 — *Continued.*

Period	Fraternal Societies ⁽¹⁾					Fire Insurance Companies					All Lending Institutions ⁽²⁾				
	Single Units		Multiple Units			Single Units		Multiple Units			Single Units		Multiple Units		
	Number of Loans	Amount (\$000)	Number of Loans	Number of Units	Amount (\$000)	Number of Loans	Amount (\$000)	Number of Loans	Number of Units	Amount (\$000)	Number of Loans	Amount (\$000)	Number of Loans	Number of Units	Amount (\$000)
1947	102	519	134	320	1,242	2	30	13	33	137	17,573 ⁽³⁾	80,776	1,850	7,808	25,366
1948															
1st Quarter	24	136	39	106	602	—	—	3	16	98	3,575	16,649	523	1,893	7,061
2nd Quarter	85	480	78	211	831	—	—	5	15	73	7,119	36,665	889	3,223	12,111
3rd Quarter	105	583	49	144	572	—	—	1	2	4	8,288	41,999	685	2,396	8,955
4th Quarter	148	835	76	190	623	3	23	3	20	34	6,796	34,522	721	2,847	10,572
Total, 1948	362	2,034	242	651	2,628	3	23	12	53	209	25,778	129,835	2,818	10,359	38,699
1949															
January	7	39	8 ⁽⁴⁾	22 ⁽⁴⁾	82 ⁽⁴⁾	2	5	1	2	5	1,524	7,812	258	1,141	4,031
February	13 ⁽⁴⁾	70 ⁽⁴⁾	9	20	85	1	4	2	4	21	1,366	7,095	179	712	2,753
March	77 ⁽⁴⁾	479 ⁽⁴⁾	24 ⁽⁴⁾	63 ⁽⁴⁾	184 ⁽⁴⁾	1	12	—	—	—	1,884	10,110	260	1,225	5,105
1st Quarter	97 ⁽⁴⁾	587 ⁽⁴⁾	41 ⁽⁴⁾	105 ⁽⁴⁾	351 ⁽⁴⁾	4	21	3	6	26	4,774	25,018	697	3,078	11,889
April	95	615	24	261	282	1	5	1	2	10	2,583	14,170	220	1,120	4,318
May	78	447	16	39	133	—	—	2	38	45	2,480	13,301	211	1,061	4,364
June	67	383	32	69	284	1	4	3	8	36	3,184	16,816	255	973	3,743
2nd Quarter	240	1,445	72	369	699	2	9	6	48	91	8,247	44,287	686	3,154	12,425

(1) Including mutual benefit societies and pension fund associations.

(2) The sum total of lending operations on single and multiple units by all lending institutions is shown in columns 2 to 4 in Table 26.

(3) Includes one loan approved for 2 single units and one for 21 single units.

(4) Revised.

SECTION 5
BUILDING MATERIALS

TABLE 28.—INDEXES OF PRODUCTION OF CONSTRUCTION MATERIALS, BY LUMBER,
OTHER CONSTRUCTION MATERIALS, AND TOTAL, AND INDEX OF DOMESTIC
DISAPPEARANCE OF CONSTRUCTION MATERIALS EXCLUDING
LUMBER, CANADA, 1945 – JUNE, 1949.
(1939 = 100)

Period	Production			Domestic ⁽¹⁾ Disappearance
	Lumber	Other Construction Materials	Total	
1945	114.0	147.6	122.1	144.3
1946	128.4	174.4	139.6	170.7
1947				
March.....	119.5	188.7	137.4	185.2
June.....	175.1	199.9	179.8	195.1
September.....	167.9	219.6	180.2	221.7
December.....	77.7	201.8	111.5	179.4
Annual Average	134.9	203.7	152.5	198.6
1948				
January.....	103.4	218.2	134.3	199.6
February.....	114.9	209.1	139.9	195.2
March.....	123.8	226.0	150.9	222.6
April.....	106.4	227.6	139.2	229.7
May.....	152.8	215.2	168.2	227.3
June.....	183.2	234.9	195.3	238.5
July.....	188.0	207.0	190.7	214.1
August.....	177.7	235.8	191.7	229.7
September.....	158.8	260.4	185.2	257.3
October.....	124.5	257.9	160.4	251.8
November.....	87.7	254.3	133.5	254.3
December.....	89.5	227.6	127.2	209.2
Annual Average	134.2	231.2	159.7	227.4
1949 ⁽²⁾				
January.....	101.4	237.8	138.0	209.9
February.....	109.1	216.8	137.8	204.1
March.....	132.3	256.8	165.4	255.7
April.....	95.4	241.5	134.8	252.4
May.....	160.3	253.9	184.6	266.6
June.....	207.1	267.0	221.6	272.0

(1) Excludes lumber (see p. 86).

(2) Preliminary.

TABLE 29.— VOLUME OF PRODUCTION OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.
(In Units Specified)

Period	Lumber and Lumber Products			Clay Products			
	Sawn Lumber ⁽¹⁾	Hardwood Flooring ⁽²⁾	Wood Fibre Insulating Board	Building Brick ⁽³⁾	Flue Linings	Vitrified Sewer Pipe	Structural Tile
	Millions of Ft. B.M.	Thousands of Sq. Ft.	Millions of Sq. Ft. $\frac{1}{2}$ " B.	Millions of Bricks	Thousands of Feet	Thousands of Feet	Thousands of Tons
1945	4,514.2	— ⁽⁴⁾	164.7	190.9	— ⁽⁴⁾	— ⁽⁴⁾	90.2
1946	5,083.3	41,318	161.8	274.4	940.1	3,055.9	134.4
1947							
1st Quarter	1,128.5	11,449	45.4	54.0	270.2	790.9	28.7
2nd Quarter	1,393.1	12,223	50.4	73.4	253.8	944.9	39.8
3rd Quarter	1,811.4	13,188	54.2	85.4	214.6	1,131.0	40.1
4th Quarter	1,012.9	14,266	53.2	79.4	286.4	1,092.4	41.6
Total, 1947	5,345.9	51,126	203.1	292.2	1,025.0	3,959.1	150.2
1948							
January	341.2	5,046	16.8	18.2	73.9	306.7	12.3
February	380.3	5,043	15.3	19.1	95.5	369.8	8.4
March	409.7	5,494	17.8	19.9	130.8	495.2	9.7
1st Quarter	1,131.2	15,583	49.9	57.2	300.2	1,171.7	30.4
April	353.3	5,608	18.0	22.7	98.2	312.1	11.1
May	504.7	5,123	18.4	25.1	78.1	452.1	13.2
June	603.2	5,226	18.0	30.7	98.3	407.7	16.3
2nd Quarter	1,461.2	15,957	54.4	78.5	274.6	1,171.9	40.6
July	619.2	5,160	19.1	31.9	106.9	464.5	14.9
August	586.5	5,682	19.4	30.2	117.1	391.4	14.6
September	525.4	5,715	18.7	30.8	101.9	439.5	14.9
3rd Quarter	1,731.1	16,557	57.2	92.9	325.9	1,295.4	44.4
October	413.1	5,877	19.1	31.0	87.0	475.8	13.9
November	292.2	6,060	19.1	30.9	116.1	483.7	14.8
December	297.1	5,973	21.1	26.2	93.8	468.2	13.2
4th Quarter	1,002.4	17,910	59.3	88.1	296.9	1,427.7	41.9
Total, 1948	5,325.9	66,007	220.7	316.7	1,197.6	5,066.7	157.3
1949							
January	336.3	5,759	20.2	23.9	105.6	407.7	13.8
February	361.1	6,394	20.1	20.9	85.7	431.5	12.0
March	437.5 ⁽⁵⁾	7,228	23.0	23.2	116.9	386.2	14.1
1st Quarter	1,134.9 ⁽⁵⁾	19,381	63.3	68.0	308.2	1,225.4	39.9
April	328.4	6,580	22.5	24.2	94.7	360.3	10.3
May	543.5	6,300	20.8	29.3	83.7	382.9	13.6
June	681.2	6,270	21.1	31.3	73.7	411.1	14.2
2nd Quarter	1,553.1	19,150	64.4	84.8	252.1	1,154.3	38.1

(1) Data for 1948 and 1949 are estimated.

(2) See p. 86.

(3) Estimated (see p. 86).

(4) Not available.

(5) Revised.

TABLE 29.— VOLUME OF PRODUCTION OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.— *Continued.*
(In Units Specified)

Period	Iron and Steel Products					Rock Wool	
	Cast-Iron Soil Pipe and Fittings	Cast-Iron Pressure Pipe and Fittings	Steel Pipe, Tubes and Fittings	Structural Steel ⁽¹⁾	Wire Nails and Spikes	Batts	Granul- ated and Loose
	Thousands of Tons	Thousands of Tons	Thousands of Tons	Thousands of Tons	Thousands of Tons	Millions of Sq. Ft.	Millions of Cu. Ft.
1945	20.8	45.9	141.4	150.2	70.0	33.8	5.3
1946	25.3	65.2	123.1	115.5	58.8	54.8	10.1
1947							
1st Quarter	8.1	19.4	30.7	42.9	18.8	21.1	2.3
2nd Quarter	8.2	19.4	32.9	41.5	19.5	21.1	2.0
3rd Quarter	7.2	17.0	27.9	31.9	18.3	18.2	2.4
4th Quarter	9.1	21.9	28.7	44.9	20.7	22.4	3.2
Total, 1947	32.6	77.7	120.2	161.2	77.4	82.8	9.9
1948							
January	3.2	7.7	13.8	16.9	6.9	5.9	.9
February	3.3	7.8	12.0	14.9	5.7	4.9	.8
March	3.5	8.2	12.9	14.8	7.2	4.4	.8
1st Quarter	10.1	23.7	38.7	46.7	19.7	15.3	2.5
April	3.7	8.0	12.3	15.7	7.2	6.0	.7
May	3.4	7.0	8.9	10.3	6.6	6.0	1.0
June	3.5	7.1	10.3	17.4	8.0	6.0	1.0
2nd Quarter	10.6	22.1	31.5	43.4	21.7	18.0	2.7
July	2.8	5.3	6.7	10.7	6.5	5.9	.8
August	3.7	7.8	9.9	11.7	7.7	8.4	.9
September	4.3	8.9	13.6	20.3	7.8	9.5	1.1
3rd Quarter	10.8	22.0	30.2	42.7	21.9	23.8	2.8
October	4.2	8.6	9.9	15.4	8.0	12.8	1.3
November	4.9	8.1	12.6	12.8	7.3	11.0	1.4
December	4.8	8.5	10.6	11.9	7.1	12.6	1.3
4th Quarter	13.9	25.2	33.1	40.1	22.4	36.4	4.0
Total, 1948	45.5	93.1	133.5	172.9	85.7	93.5	12.0
1949							
January	4.6	8.1	15.2 ⁽²⁾	17.2	7.2	13.6 ⁽²⁾	1.2 ⁽³⁾
February	3.8	8.4	13.9 ⁽²⁾	10.4	6.5	9.7 ⁽²⁾	.9 ⁽³⁾
March	4.0	9.3	18.6 ⁽²⁾	18.2	7.5	5.7 ⁽²⁾	.8
1st Quarter	12.4	25.8	47.7 ⁽²⁾	45.8	21.2	29.0 ⁽²⁾	2.9 ⁽³⁾
April	3.0	(3)	16.0	15.3	7.7	6.2	.8
May	2.8	(3)	16.0	9.2	8.1	8.7	1.0
June	2.5	(3)	20.5	17.0	8.2	9.4	1.3
2nd Quarter	8.3	(3)	52.5	41.5	24.0	24.3	3.1

(1) See p. 86).

(2) Revised.

(3) Not available.

**TABLE 29.— VOLUME OF PRODUCTION OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.— *Continued*.
(In Units Specified).**

Period	Cement and Cement Products			Electrical Wire and Wiring Devices			
	Cement	Concrete Blocks	Cement Pipe and Tile ⁽¹⁾	Single Pole Switches	Duplex Receptacles	Outlet Boxes	Non-Metallic Sheathed Cable
	Millions Barrels of 350 lbs.	Millions of Blocks	Thousands of Tons	Thousands of Units	Thousands of Units	Thousands of Units	Millions of Feet
1945	7.8	—(2)	—(2)	—(2)	—(2)	—(2)	—(2)
1946	10.7	27.1	87.0	1,808.7	1,392.8	3,272.3	45.4
1947							
1st Quarter	2.5	4.4	22.5	495.1	375.6	1,159.9	17.3
2nd Quarter	2.9	6.9	29.8	680.5	595.8	1,348.1	17.4
3rd Quarter	3.4	11.0	38.4	489.0	549.7	1,461.6	16.4
4th Quarter	3.4	10.5	33.2	679.9	600.0	1,824.9	16.0
Total, 1947	12.2	32.8	124.0	2,344.6	2,121.2	5,794.5	67.0
1948							
January	1.0	2.1	9.7	174.2	150.4	725.7	6.2
February	1.0	2.0	10.2	271.8	200.2	673.2	6.2
March	1.1	2.4	12.9	347.1	208.4	867.9	7.3
1st Quarter	3.1	6.5	32.8	793.0	559.0	2,266.7	19.8
April	1.0	3.3	12.1	224.3	191.8	866.7	7.4
May	1.1	3.8	14.4	242.0	208.4	737.2	7.2
June	1.2	4.2	15.4	249.7	202.3	714.0	8.8
2nd Quarter	3.4	11.2	41.9	716.0	602.5	2,317.9	23.4
July	1.2	4.3	16.2	127.3	87.5	620.4	3.7
August	1.3	4.2	17.3	180.0	117.8	742.9	5.6
September	1.2	3.9	17.9	227.1	234.0	987.4	6.1
3rd Quarter	3.8	12.3	51.4	534.5	439.3	2,350.7	15.4
October	1.4	4.0	13.5	179.4	201.7	857.5	6.0
November	1.3	4.2	11.3	220.6	183.9	621.5	7.7
December	1.1	3.3	8.4	183.9	215.9	776.0	8.8
4th Quarter	3.7	11.4	33.2	584.0	601.5	2,255.1	22.6
Total, 1948	14.0	41.4	159.3	2,627.5	2,202.4	9,190.4	81.1
1949							
January	1.1	3.1	6.9	208.2	143.0	762.4	10.3
February	1.1	3.0	8.0	180.0	262.3	773.1	8.2
March	1.3	3.5	8.3	281.8	231.1	884.0	6.9
1st Quarter	3.5	9.6	23.2	669.9	636.4	2,419.5	25.4
April	1.3	3.8	8.1	226.3	159.1	727.4	(2)
May	1.4	4.6	11.0	156.3	174.3	736.6	(2)
June	1.4	5.0	12.0	(2)	(2)	(2)	(2)
2nd Quarter	4.1	13.4	31.1	(2)	(2)	(2)	(2)

(1) Includes drain pipe, sewer pipe, water pipe and culvert tile.

(2) Not available.

TABLE 29.— VOLUME OF PRODUCTION OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.— *Continued.*
(In Units Specified)

Period	Gypsum Products			Builders' ⁽²⁾ Hardware (\$000)	Sanitary Ware		
	Gypsum Wallboard	Gypsum Lath	Gypsum Plaster ⁽¹⁾		Bath Tubs	Sinks	Wash Basins
	Millions of Sq. Ft.	Millions of Sq. Ft.	Thousands of Tons		Thousands of Units	Thousands of Units	Thousands of Units
1945	134.0	59.9	67.1	4,328.5	56.3 ⁽³⁾	— ⁽⁴⁾	— ⁽⁴⁾
1946	203.4	74.9	97.3	5,596.8	57.9	103.7	78.6
1947							
1st Quarter	50.5	24.2	26.0	1,406.5	18.5	32.1	22.9
2nd Quarter	52.4	30.5	29.9	1,733.9	21.8	32.8	23.1
3rd Quarter	51.3	25.4	31.2	1,324.4	19.7	21.9	19.5
4th Quarter	59.5	31.0	32.6	1,439.1	21.1	33.8	26.3
Total, 1947	213.7	111.1	119.7	5,903.9	81.1	120.7	91.7
1948							
January	18.8	10.7	9.1	569.9	7.7	10.7	8.8
February	21.4	9.0	9.1	637.5	9.1	11.8	7.9
March	21.5	10.6	10.9	734.4	9.6	13.0	9.4
1st Quarter	61.7	30.3	29.1	1,941.8	26.4	35.5	26.1
April	21.9	12.0	11.2	730.5	10.3	13.6	9.2
May	19.2	15.6	12.5	675.9	7.9	11.1	7.7
June	15.2	11.2	11.0	761.9	7.8	12.2	10.0
2nd Quarter	56.3	38.8	34.7	2,168.3	26.0	36.9	26.9
July	19.7	11.1	12.7	654.2	7.3	8.6	8.3
August	18.2	16.1	13.1	536.9	6.1	7.7	6.2
September	20.2	13.7	14.1	684.2	8.5	13.1	9.6
3rd Quarter	58.1	40.9	39.9	1,875.3	21.9	29.4	24.1
October	21.5	14.5	15.6	756.5	8.7	12.5	9.0
November	19.4	16.0	13.2	772.3	10.5	13.6	11.0
December	21.4	13.4	10.2	678.3	8.5	11.8	12.4
4th Quarter	62.4	43.9	39.0	2,207.1	27.7	37.8	32.5
Total, 1948	238.5	153.9	142.7	8,192.5	102.1	139.6	109.6
1949							
January	18.1	16.2	10.1	749.1	11.1	12.8	10.0
February	15.9	13.9	11.2 ⁽⁵⁾	711.5	10.5	13.8	9.1
March	19.9	14.4	12.9	867.4	11.6	19.4	10.1
1st Quarter	53.9	44.5	34.2 ⁽⁵⁾	2,328.0	33.2	46.0	29.2
April	19.8	13.6	14.2	749.2	11.2	22.9	11.4
May	19.9	14.9	14.0	704.5	11.4	21.2	10.7
June	19.4	15.4	15.4	732.8	11.2	17.0	10.8
2nd Quarter	59.1	43.9	43.6	2,186.5	33.8	61.1	32.9

(1) Data for 1948 and 1949 estimated (see p. 87).

(2) Factory sales. Data for 1948 and 1949 are estimated (see p. 87).

(3) Estimated (see p. 88).

(4) Not available.

(5) Revised.

TABLE 29.— VOLUME OF PRODUCTION OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.— *Continued.*
(In Units Specified)

Period	Plumbing and Heating Equipment					Asphalt Products	
	Warm Air ⁽¹⁾ Furnaces	Domestic Heating Boilers	Cast-Iron Radiators	Hot Water Storage Tanks	Electric Hot Water Tank Heaters ⁽¹⁾	Asphalt ⁽²⁾ Shingles	Tar and Asphalt Felts
	Thousands of Units	Thousands of Units	Thousands of Sq. Ft.	Thousands of Units	Thousands of Units	Thousands of Squares	Thousands of Tons
1945	35.2	13.6 ⁽³⁾	7,179.1	128.8	57.2	1,432.2	29.5
1946	46.6	14.4	8,006.9	138.4	76.6	1,982.6	38.8
1947							
1st Quarter	13.0	4.7	2,277.9	38.6	25.4	505.8	9.5
2nd Quarter	13.6	4.4	2,207.5	40.7	30.8	557.7	11.1
3rd Quarter	11.6	4.0	1,881.3	33.8	29.8	516.0	12.2
4th Quarter	16.1	5.3	2,360.0	44.6	31.5	506.0	14.0
Total, 1947	54.3	18.4	8,726.7	157.7	117.5	2,085.6	46.7
1948 ⁽³⁾							
January	5.0	1.7	787.1	20.7	9.5	164.6	4.0
February	4.5	1.5	774.8	15.0	10.1	165.5	4.5
March	4.2	1.5	841.3	18.1	10.8	171.6	4.5
1st Quarter	13.7	4.7	2,403.2	53.7	30.5	501.7	13.0
April	4.7	1.4	857.0	17.1	9.2	164.1	4.0
May	4.3	1.1	616.9	13.3	9.9	178.6	3.2
June	4.3	1.6	685.2	18.0	13.1	175.4	3.0
2nd Quarter	13.3	4.1	2,159.1	48.3	32.2	518.1	10.2
July	3.0	.9	457.3	8.8	9.1	173.7	3.2
August	5.0	1.5	571.9	13.9	11.0	199.5	3.5
September	5.4	1.7	736.4	13.7	8.4	199.4	4.3
3rd Quarter	13.4	4.1	1,765.6	36.4	28.5	572.6	11.0
October	7.9	1.6	751.5	15.3	10.1	197.6	4.3
November	7.3	8.0	793.6	15.7	15.1	154.7	4.1
December	6.9	1.7	712.7	11.2	8.9	99.1	2.9
4th Quarter	22.1	5.4	2,257.8	42.2	34.1	451.4	11.2
Total, 1948	62.5	18.2	8,585.7	180.6	125.3	2,043.8	45.4
1949 ⁽³⁾							
January	5.4	1.4	667.7	16.5	10.6	108.1	2.5
February	5.5	1.3	666.3	12.2	9.3	84.8	2.4
March	6.0	1.2	747.9	13.7	10.4	103.3	2.5
1st Quarter	16.9	3.9	2,081.9	42.4	40.3	296.2	7.4
April	4.6	1.0	548.7	15.8	14.5	134.1	3.1
May	5.2	.9	458.8	20.0	15.3	209.2	2.6
June	5.7	.9	458.4	18.2	15.6	241.2	3.0
2nd Quarter	15.5	2.8	1,465.9	54.0	45.4	584.5	8.7

(1) Data for 1949 are estimated (see p.p .87).

(2) Includes siding.

(3) Revised.

TABLE 30 — SALES AND STOCKS OF SELECTED BUILDING MATERIALS, CANADA,
1947 — JUNE, 1949.
(In Units Specified)

Period	Cement		Building Brick		Flue Linings		Cast-Iron Soil Pipe and Fittings		Steel Pipe, Tubes and Fittings		Wire Nails and Spikes	
	Millions of Barrels of 350 lbs.		Millions of Bricks		Thousands of Feet		Thousands of Tons		Thousands of Tons		Thousands of Tons	
	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month
1947												
March	.8	1.3	19.3	15.4	103.5	22.8	2.9	1.6	12.9	7.5	6.6	3.6
June	1.3	.6	23.8	20.0	74.6	25.6	2.4	1.5	10.5	7.5	7.7	2.2
September	1.2	.3	30.0	23.4	91.1	17.4	2.5	1.5	9.8	7.4	6.0	2.9
December	.6	.7	26.6	23.0	96.5	27.7	3.0	1.6	8.6	3.8	4.4	4.4
1948												
January	.5	1.2	16.6	21.4	75.9	24.2	1.5	1.5	9.3	8.7	7.3	4.0
February	.6	1.6	17.2	22.6	90.0	29.7	3.2	1.2	10.8	10.1	6.5	2.3
March	1.1	1.6	21.1	20.9	123.0	33.6	3.9	1.7	11.7	10.4	8.0	2.2
April	1.4	1.4	23.5	19.8	105.7	27.9	3.5	1.9	13.1	9.5	5.2	4.2
May	1.4	1.1	25.1	18.5	85.7	20.4	3.6	1.8	10.2	7.9	8.2	2.6
June	1.5	1.1	28.3	19.8	97.2	23.8	4.3	1.9	9.4	9.2	8.8	1.8
July	1.4	.7	29.4	21.3	116.0	14.7	3.3	1.6	8.0	7.3	7.1	1.2
August	1.4	.6	28.3	22.3	115.1	16.0	3.6	1.7	8.6	8.8	6.8	2.1
September	1.5	.3	31.0	21.2	105.1	12.8	4.2	1.8	11.3	10.2	8.1	1.8
October	1.4	.4	39.3	20.7	89.4	10.5	4.0	2.0	12.3	7.8	8.1	1.7
November	1.3	.3	30.0	19.4	115.8	10.7	4.6	2.3	11.6	8.8	7.5	1.5
December	.7	.6	25.5	20.2	96.3	19.0	4.3	2.9	11.9	7.5	5.2	3.4
1949												
January	.6	1.1	22.0	20.9	108.4	16.2	4.1	3.4	13.2	8.5	8.5	2.1
February	.9	1.3	19.6	20.1	77.1	24.8	2.9	4.3	14.0	6.6	6.6	2.0
March	1.4	1.2	23.0	19.5	108.3	33.4	2.7	5.6	17.2	7.2	7.2	2.0
April	1.5	1.0	20.7	22.0	89.8	38.3	2.4	6.2	17.2	6.0	7.3	2.4
May	1.5	.9	27.6	22.5	104.9	26.1	— ⁽¹⁾	— ⁽¹⁾	18.6	3.4	8.8	1.7
June	1.6	.7	29.1	24.1	91.9	20.5	— ⁽¹⁾	— ⁽¹⁾	17.4	6.5	9.2	.7

(1) Not available.

TABLE 30.— SALES AND STOCKS OF SELECTED BUILDING MATERIALS, CANADA,
1947 — JUNE, 1949.— *Continued.*
(In Units Specified)

Period	Bath Tubs		Sinks		Gypsum Wallboard		Gypsum Lath		Gypsum Plaster		Rock Wool Batts	
	Thousands of Units		Thousands of Units		Millions of Sq. Ft.		Millions of Sq. Ft.		Thousands of Tons		Millions of Sq. Ft.	
	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month
1947												
March	6.8	1.3	12.8	4.2	18.4	2.0	8.7	.9	10.7	.6	6.9	.5
June	6.1	2.0	8.9	5.2	16.1	1.6	10.0	1.0	11.1	.7	6.5	.5
September	7.5	1.9	10.2	5.2	17.4	1.9	10.0	1.1	12.2	.6	6.9	.6
December	7.5	1.5	11.3	4.8	20.0	1.2	10.0	.6	10.7	.5	8.0	.6
1948												
January	7.5	1.1	11.5	4.9	18.7	1.3	10.6	.8	10.0	.8	5.7	.8
February	9.1	1.0	11.0	5.6	20.8	1.9	8.5	1.2	10.3	.8	5.1	.6
March	9.4	1.3	12.8	6.0	21.7	1.7	11.2	.6	12.4	.7	4.4	.6
April	10.0	1.2	13.3	7.0	21.5	2.1	12.1	.5	12.5	.7	5.9	.7
May	7.9	1.3	11.9	6.2	20.0	1.4	14.4	1.7	14.0	.9	6.0	.6
June	7.5	1.5	12.2	6.7	15.2	1.3	12.1	.8	12.5	.8	6.1	.5
July	7.1	1.7	10.0	6.4	19.5	1.5	11.5	.7	14.5	.7	6.0	.5
August	6.4	1.2	8.5	5.3	18.4	1.3	15.2	1.3	14.6	.7	8.4	.4
September	8.3	1.5	11.7	6.5	19.4	2.1	14.3	.8	15.6	1.0	9.3	.7
October	8.5	1.7	12.8	6.7	21.9	1.7	14.0	1.3	17.4	1.2	12.5	.9
November	10.3	1.7	13.6	6.9	19.9	1.2	15.4	1.9	15.2	1.0	11.2	.8
December	9.5	.6	11.6	4.3	21.0	1.6	14.8	.5	11.5	.9	12.7	.6
1949												
January	10.1	1.6	12.6	4.3	18.1	1.5	14.9	1.8	12.1	1.2	10.7	.9
February	10.6	1.0	13.4	4.1	15.8	1.7	13.7	1.9	12.7	1.1	6.7	1.2
March	11.5	1.1	18.1	5.4	19.7	1.9	14.5	1.8	14.4	1.2	6.3	1.5
April	10.6	7.9	22.4	11.6	19.9	1.8	14.1	1.3	16.2	.9	6.2	1.5
May	10.7	6.7	16.1	15.0	20.2	1.5	15.1	1.0	15.3	1.3	8.9	1.4
June	9.9	2.2	16.7	6.9	19.6	1.3	15.6	.8	17.6	1.0	9.5	1.2

TABLE 30.— SALES AND STOCKS OF SELECTED BUILDING MATERIALS, CANADA,
1947 — JUNE, 1949.— *Continued.*
(In Units Specified)

Period	Single Pole Switches		Outlet Boxes		Non-Metallic Sheathed Cable		Domestic Heating Boilers		Hot Water Storage Tanks		Electric Hot Water Tank Heaters	
	Thousands of Units		Thousands of Units		Millions of Feet		Thousands of Units		Thousands of Units		Thousands of Units	
	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month	Sales	Stocks at End of Month
1947												
March	157.4	20.9	363.6	27.8	6.1	.5	1.5	0 ⁽¹⁾	12.5	.2	6.3	.4
June	238.1	29.5	276.4	56.2	5.2	.4	1.2	0 ⁽¹⁾	14.1	.3	5.7	2.3
September	207.7	13.3	413.7	44.3	5.8	.3	1.4	0 ⁽¹⁾	14.5	.2	5.7	1.6
December	179.2	26.2	442.0	76.0	5.0	.8	1.6	0 ⁽¹⁾	12.7	.3	3.3	3.9
1948												
January	183.6	16.8	544.4	298.2	6.6	.5	1.7	0 ⁽¹⁾	20.4	.3	6.5	3.4
February	269.1	19.5	843.8	127.7	6.2	.6	1.5	0 ⁽¹⁾	15.1	.2	4.4	5.9
March	330.3	36.3	914.4	81.1	7.2	.7	1.4	1	18.2	0 ⁽¹⁾	5.1	7.6
April	269.1	30.5	804.4	143.5	5.7	2.5	1.3	0 ⁽¹⁾	16.9	.3	6.6	6.8
May	251.8	20.9	819.4	61.3	8.0	1.7	1.5	0 ⁽¹⁾	13.2	.3	7.4	5.7
June	240.3	30.0	657.0	118.4	7.6	1.4	1.6	0 ⁽¹⁾	17.9	.4	6.2	7.8
July	144.4	13.1	492.5	247.0	2.8	3.7	.9	0 ⁽¹⁾	8.8	.3	4.9	7.5
August	172.2	24.1	805.8	184.5	7.1	2.1	1.4	0 ⁽¹⁾	7.4	.2	6.0	9.8
September	215.6	37.4	962.5	214.0	7.1	1.2	1.7	0 ⁽¹⁾	13.5	.4	7.0	9.1
October	186.6	29.6	813.0	259.5	6.2	.9	1.6	0 ⁽¹⁾	11.7	.3	6.6	9.9
November	188.8	44.9	748.9	204.7	8.3	.4	2.0	0 ⁽¹⁾	15.3	.8	6.4	12.8
December	174.0	54.7	896.4	134.8	8.4	.8	1.7	0 ⁽¹⁾	11.8	.2	6.7	12.1
1949												
January	200.1	68.0	802.9	91.9	10.3	.7	1.2	.3	15.9	.4	9.8	16.0
February	179.8	66.4	705.7	159.3	7.4	1.4	.9	.6	12.7	.2	8.6	16.2
March	223.5	135.2	902.1	141.3	4.8	4.9	.8	.9	13.7	.3	10.9	14.8
April	182.7	172.7	687.2	175.7	— ⁽²⁾	— ⁽²⁾	.5	1.3	15.6	.4	11.6	16.2
May	155.2	290.9	621.3	351.3	— ⁽²⁾	— ⁽²⁾	.6	1.5	20.0	.3	16.5	14.6
June	— ⁽²⁾	— ⁽²⁾	— ⁽²⁾	— ⁽²⁾	— ⁽²⁾	— ⁽²⁾	.8	1.6	17.2	1.3	14.9	15.1

(1) Indicates less than 50 units.

(2) Not available.

TABLE 31. — VOLUME OF IMPORTS OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.
(In Units Specified)

Period	Glass	Cement	Gypsum Plaster	Building Board and Lath	Paints, Pigments and Varnishes
	Millions of Sq. Ft.	Thousands of Barrels of 350 Lbs.	Thousands of Tons	Millions of Sq. Ft. $\frac{1}{2}$ " Basis	(\$'000)
1945	39.8	32.7	2.9	12.1	8,662
1946	43.7	350.1	7.6	18.7	9,437
1947					
1st Quarter	14.7	106.3	3.5	12.1	2,890
2nd Quarter	17.9	174.3	2.7	10.3	3,398
3rd Quarter	18.5	610.0	2.5	8.5	3,841
4th Quarter	19.1	358.1	1.4	9.0	3,312
Total, 1947	70.2	1,248.6	10.1	39.9	13,442
1948					
January	7.6	2.1	.4	.3	1,195
February	6.3	2.7	.3	.2	1,192
March	7.8	3.7	.2	1.5	1,365
1st Quarter	21.7	8.6	1.0	2.0	3,752
April	9.7	60.7	.5	.3	1,406
May	13.7	93.1	.3	.6	1,254
June	9.2	130.1	.9	1.0	1,168
2nd Quarter	32.6	283.9	1.7	1.9	3,828
July	8.8	192.2	1.5	.6	1,174
August	5.6	156.7	1.1	.7	952
September	7.2	126.1	1.3	.6	982
3rd Quarter	21.7	475.0	3.9	1.9	3,108
October	6.4	172.2	1.2	2.0	1,245
November	8.4	143.0	1.3	5.2	1,227
December	5.3	37.9	.8	5.5	1,116
4th Quarter	20.2	353.3	3.3	12.6	3,588
Total, 1948	96.3	1,120.7	10.0	18.3	14,276
1949					
January	5.0	8.1	.4	4.4	1,121
February	4.1	4.2	.4	8.4	1,005
March	4.7	48.9	.3	22.7	1,082
1st Quarter	13.8	61.2	1.1	35.5	3,208
April	6.4	110.7	.6	15.5	1,023
May	6.0	232.0	.4	6.1	1,126
June	5.0	292.9	.8	4.1	1,171
2nd Quarter	17.4	635.6	1.8	25.7	3,320

TABLE 32.— VOLUME OF EXPORTS OF SELECTED BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.
(In Units Specified)

Period	Lumber	Wood Shingles	Building Brick	Wire Nails and Spikes	Pulp and Fibre Wallboard	Paints, Pigments and Varnishes
	Millions of Ft. B.M.	Thousands of Squares	Millions of Bricks	Tons	Millions of Sq. Ft. ½" Basis	(\$000)
1945	2,000.5	1,651	3.7	813.6	45.3	3,973
1946	2,083.3	1,775	6.1	1,270.5	36.1	4,407
1947						
1st Quarter	620.4	513	.6	6.6	8.7	1,468
2nd Quarter	569.8	512	.8	6.2	16.6	2,253
3rd Quarter	697.5	464	1.3	9.2	13.8	1,672
4th Quarter	847.3	562	1.5	9.9	12.0	1,953
Total, 1947	2,735.0	2,051	4.2	31.9	51.1	7,346
1948						
January	216.5	165	.3	19.1	2.3	476
February	197.4	204	.1	114.8	2.5	408
March	197.0	159	.1	43.1	1.4	635
1st Quarter	610.9	528	.5	177.0	6.2	1,519
April	184.3	229	.2	88.4	1.6	405
May	210.5	232	.2	124.9	6.4	750
June	194.3	146	.4	384.6	3.5	455
2nd Quarter	589.1	607	.8	597.9	11.5	1,610
July	217.7	209	.6	389.7	3.0	460
August	213.5	240	.7	357.3	5.9	287
September	265.2	214	.9	65.9	3.7	639
3rd Quarter	696.4	662	2.2	812.9	12.6	1,386
October	213.9	240	.6	60.1	2.8	562
November	191.1	200	.6	86.5	2.8	529
December	166.3	115	.2	119.7	4.3	627
4th Quarter	571.3	556	1.4	266.3	9.9	1,719
Total, 1948	2,467.7	2,353	4.9	1,854.1	40.2	6,235
1949						
January	141.5	93	.2	421.3	.3	424
February	133.3	100	.2	.5	.3	260
March	148.2	176	.3	40.2	.3	350
1st Quarter	423.0	369	.7	462.0	.9	1,034
April	146.4	174	.1	.2	3.3	360
May	167.3	172	.6	.0	4.9	254
June	160.5	157	.5	31.2	4.3	362
2nd Quarter	474.2	503	1.2	31.4	12.5	976

TABLE 33.— MOVEMENT BY RAIL OF BUILDING MATERIALS, CANADA,
1945 — JUNE, 1949.
(In Thousands of Tons)

Period	Lumber, Timber, Box, Crate and Cooperage Material	Gravel, Sand and Crushed Stone	Lime and Plaster	Brick and Artificial Stone	Cement	Sewer Pipe and Drain Tile	Total
1945	5,517.3	3,923.4	415.6	280.4	857.3	53.1	11,047.0
1946	5,869.4	4,716.7	472.6	368.2	1,160.0	58.4	12,645.3
1947							
1st Quarter	1,374.9	564.4	122.0	87.6	165.1	11.3	2,325.3
2nd Quarter	1,521.9	1,442.1	140.1	112.4	398.3	21.7	3,636.5
3rd Quarter	1,924.6	2,262.2	144.8	119.3	363.5	22.2	4,836.6
4th Quarter	1,826.9	1,531.8	145.5	109.5	301.9	17.9	3,933.6
Total, 1947	6,648.3	5,800.5	552.4	428.7	1,228.9	73.1	14,731.8
1948							
January	453.8	180.5	41.5	25.4	57.1	4.1	762.3
February	490.7	181.3	43.2	22.3	74.6	4.2	816.3
March	600.3	235.3	53.5	29.5	139.5	4.7	1,062.8
1st Quarter	1,544.8	597.1	138.2	77.2	271.2	12.9	2,641.4
April	510.5	351.2	54.9	39.6	155.9	5.3	1,117.4
May	488.0	523.8	52.6	36.5	153.6	6.9	1,261.4
June	519.2	708.8	50.3	40.1	149.9	8.6	1,476.9
2nd Quarter	1,517.7	1,583.8	157.8	116.2	459.4	20.8	3,855.7
July	622.9	801.2	51.4	43.9	143.6	9.2	1,672.2
August	633.2	828.3	56.1	39.5	141.0	8.1	1,706.1
September	648.2	800.5	57.5	39.1	140.5	7.2	1,693.0
3rd Quarter	1,904.3	2,430.0	165.0	122.5	425.1	24.5	5,071.4
October	615.4	760.0	57.3	40.7	135.6	8.0	1,617.1
November	569.9	561.7	55.5	38.0	140.3	8.5	1,373.9
December	456.8	305.5	47.4	30.6	83.8	5.1	929.2
4th Quarter	1,642.1	1,627.2	160.2	109.3	359.7	21.6	3,920.2 ⁽¹⁾
Total, 1948	6,608.9	6,238.1	621.2	425.2	1,515.5	79.8	15,488.8 ⁽¹⁾
1949							
January	368.7	162.5	46.8	27.9	72.8	3.8	682.5
February	379.6	146.0	43.1	26.2	120.1	3.4	718.4
March	477.4	205.9	53.0	24.2	175.4	4.4	940.3 ⁽¹⁾
1st Quarter	1,225.7	514.4	142.9	78.3	368.3	11.6	2,341.2 ⁽¹⁾
April	406.8	347.8	54.2	29.5	193.2	5.1	1,036.6
May	451.8	531.4	54.4	35.1	162.5	7.5	1,242.7
June	—	—	—	—	—	—	1,418.0 ⁽²⁾
2nd Quarter	—	—	—	—	—	—	3,727.3 ⁽²⁾

(1) Revised.

(2) Preliminary estimate (see p. 88). Detailed data not yet available.

TABLE 34.— EMPLOYMENT AND WEEKLY PAYROLLS IN THE BUILDING
MATERIAL INDUSTRIES, CANADA, ⁽¹⁾ 1946 — JUNE, 1949.

Period	Number of Persons Employed	Aggregate Weekly Payroll (\$000)	Average Weekly Earnings \$
1946 Annual Average	84,203	2,704	32.11
1947—March	90,805	3,238	35.66
June	97,905	3,525	36.00
September	106,048	3,894	36.72
December	101,174	3,939	38.93
Annual Average	97,787	3,539	36.09
1948—January	98,127	3,449	35.15
February	99,988	3,915	39.15
March	100,701	4,023	39.95
April	101,573	3,901	38.41
May	104,438	4,094	39.20
June	105,904	4,119	38.89
July	110,041	4,377	39.77
August	110,213	4,384	39.77
September	110,432	4,451	40.30
October	108,631	4,540	41.79
November	106,400	4,548	42.74
December ⁽²⁾	102,542	4,179	40.76
Annual Average ⁽²⁾	104,916	4,165	39.69
1949—January ⁽²⁾	102,011	4,149	40.67
February ⁽²⁾	103,606	4,091	39.48
March ⁽²⁾	103,289	4,539	43.94
April	104,683	4,392	43.95
May	106,041	4,619	43.56
June ⁽³⁾	110,305	4,672	42.35

(1) As reported by employers with 15 or more employees.

(2) Revised.

(3) Preliminary.

SECTION 6
BUILDING LABOUR

TABLE 35.— EMPLOYMENT AND UNEMPLOYMENT IN THE CONSTRUCTION INDUSTRY, NON
AGRICULTURAL INDUSTRIES, AND ALL INDUSTRIES, CANADA, QUARTERLY,
NOVEMBER, 1945 — JUNE, 1949.
(In Thousands)

Week Ending	Persons Employed			Persons Unemployed		
	Construction Industry	Non Agricultural Industries	All Industries	Construction Industry	Non Agricultural Industries	All Industries
1945—November 17	184	3,268	4,326	13	165	172
1946—February 23	154	3,229	4,312	21	207	213
June 1	241	3,428	4,702	8	123	126
August 31	267	3,543	4,860	9	115	117
November 9	244	3,662	4,733	13	110	115
Annual Average	227	3,465	4,652	13	139	143
1947—March 1	187	3,634	4,565	21	136	141
May 31	254	3,658	4,821	8	89	91
August 16	283	3,709	5,008	8	71	73
November 8	284	3,779	4,847	12	82	87
Annual Average	252	3,695	4,810	12	94	98
1948—February 21	219	3,704	4,669	33	149	156
June 5	295	3,762	4,948	7	80	82
September 4	323	3,795	5,042	8	65	67
November 20	317	3,872	4,858	17	101	106
Annual Average	289	3,783	4,879	16	99	103
1949—March 5	251	3,744	4,700	47	192	199
June 4	350	3,895	5,018	16	101	103

TABLE 36.— EMPLOYMENT AND WEEKLY PAYROLLS IN THE BUILDING INDUSTRY AND
INDEXES OF EMPLOYMENT IN THE BUILDING AND NON AGRICULTURAL INDUSTRIES, CANADA, ⁽¹⁾
1945 — JULY, 1949.

Period	Building Industry			Indexes of Employment (1939 = 100)	
	Number of Persons Employed	Aggregate Weekly Payroll (\$000)	Average Weekly Earnings \$	Building Industry	Non Agri- cultural Industries
1945 Annual Average	44,932	1,533	34.03	163.9	153.7
1946 Annual Average	65,386	2,230	33.97	234.6	152.1
1947— March	73,800	2,730	36.99	259.3	158.4
June	85,588	3,174	37.08	299.8	162.0
September	101,173	3,907	38.61	349.3	169.6
December	100,021	4,063	40.62	344.4	175.2
Annual Average	88,124	3,322	37.41	306.9	165.0
1948— January	89,706	3,139	35.00	308.7	170.1
February	85,344	3,523	41.28	293.9	166.2
March	82,758	3,489	42.16	284.9	165.8
April	84,828	3,315	39.08	290.7	163.8
May	89,385	3,695	41.34	305.8	163.7
June	98,223	3,932	40.03	334.9	168.8
July	105,709	4,317	40.84	360.2	173.8
August	110,067	4,627	42.04	374.9	176.4
September	111,768	4,817	42.72	383.9	177.2
October	114,757	5,053	44.03	387.1	178.5
November	118,425	5,260	44.42	395.3	178.8
December	116,738	5,135	43.99	387.4	179.4
Annual Average	100,642	4,192	41.41	342.3	171.9
1949— January	103,523	4,095	39.56	341.4	172.1
February	100,261	4,426	44.15	329.3	167.3
March	97,306	4,389	45.11	318.5	165.8
April ⁽²⁾	99,345	4,470	45.00	325.4	171.5
May	104,561	4,683	44.79	342.0	172.9
June	110,869	4,753	42.87	363.9	177.7
July ⁽³⁾	119,709	5,176	43.23	391.6	181.4

(1) As reported by employers with 15 or more employees.

(2) Revised.

(3) Preliminary.

TABLE 37.— NUMBER OF HOURLY WAGE-EARNERS, AVERAGE AND TOTAL
NUMBER OF HOURS WORKED PER WEEK, AVERAGE HOURLY AND
WEEKLY EARNINGS, BUILDING INDUSTRY, CANADA, ⁽¹⁾
1945 — JULY, 1949.

Period	Number of Hourly ⁽²⁾ Wage-Earners	Average Number of Hours Worked Per Week	Total Number of Hours Worked Per Week (Thousands)	Average Hourly Earnings (Cents)	Average Weekly Earnings \$
1945 Annual Average	33,770	40.4	1,364	80.9	32.68
1946 Annual Average	52,899	38.7	2,057	83.4	32.28
1947—March	60,545	40.1	2,427	88.2	35.37
June	70,463	39.1	2,755	90.9	35.54
September	84,176	40.0	3,364	92.9	37.16
December	83,040	41.1	3,396	96.5	39.66
Annual Average	72,738	39.3	2,867	91.0	35.79
1948—January	73,546	33.8	2,485	96.6	32.65
February	70,878	40.1	2,845	99.3	39.82
March	68,650	41.2	2,825	99.2	40.87
April	69,418	37.6	2,610	99.1	37.26
May	73,110	40.8	2,984	98.6	40.23
June	79,047	38.8	3,069	99.6	38.64
July	86,385	40.0	3,455	100.0	40.00
August	90,120	40.8	3,675	101.6	41.45
September	92,531	40.9	3,781	103.0	42.13
October	93,349	41.8	3,906	104.1	43.51
November	96,726	41.7	4,037	104.7	43.66
December	94,329	41.1	3,881	105.0	43.16
Annual Average	82,341	39.9	3,296	100.9	40.45
1949—January	82,074	35.6	2,925	105.7	37.63
February	79,568	39.6	3,148	108.9	43.12
March	77,140	40.8	3,145	108.0	44.06
April ⁽³⁾	79,493	40.5	3,221	108.9	44.10
May	84,013	40.4	3,391	108.5	43.83
June	90,382	38.6	3,493	107.0	41.30
July ⁽⁴⁾	99,114	39.1	3,879	107.3	41.95

(1) As reported by employers with 15 or more employees.

(2) Refers to employees paid by the hour (see p. 89).

(3) Revised.

(4) Preliminary.

TABLE 38.— UNFILLED VACANCIES AND UNPLACED APPLICANTS IN CONSTRUCTION TRADES,
CANADA, DECEMBER, 1944 — JULY, 1949.

As at Date of Reporting Closest to End of Month	Bricklayers		Carpenters		Painters		Plasterers		Plumbers and Pipe Fitters		Other Skilled and Semi-Skilled Construction Workers		Total Skilled and Semi-Skilled Construction Workers		Unskilled Construction Workers		Total Construction Workers	
	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants	Unfilled Vacancies	Unplaced Applicants
1944 December	566	127	1,416	2,070	324	915	119	48	554	367	288	260	3,267	3,787	1,915	597	5,182	4,384
1945 Annual Average	787	157	3,911	2,897	1,244	1,207	183	60	588	615	701	354	7,497	5,289	4,305	1,603	11,802	6,892
1946 Annual Average	793	168	2,428	4,760	493	2,067	179	62	279	1,146	428	663	4,591	8,865	2,638	2,199	7,229	11,064
1947 Annual Average	622	174	1,928	4,263	296	1,769	175	40	351	508	338	610	3,710	7,363	4,419	4,858	8,129	12,221
1948 March	282	533	552	12,254	182	2,606	128	101	205	796	155	1,328	1,504	17,618	863	10,746	2,367	28,364
June	570	106	7,893	2,354	500	585	230	29	243	486	343	375	3,779	3,935	2,391	3,602	6,170	7,537
September	481	71	1,958	1,653	271	789	231	22	386	280	203	247	3,530	3,062	4,106	2,366	7,636	5,428
December	231	535	452	10,038	30	3,863	223	134	148	688	74	1,540	1,158	16,798	197	11,008	1,355	27,806
Annual Average	411	265	1,715	6,081	246	1,825	200	62	268	532	183	785	2,375	8,929	1,902	6,334	4,426	15,884
1949 January	106	1,029	144	17,337	53	4,811	142	239	95	1,079	34	2,275	574	26,770	181	15,797	755	42,567
February	70	1,167	237	19,669	75	4,422	148	260	149	1,302	46	2,486	725	29,306	193	16,766	918	46,072
March	117	1,045	310	17,455	182	3,312	141	172	99	1,394	85	1,394	934	25,568	546	16,177	1,480	41,745
April	153	798	736	12,768	459	1,863	148	87	99	1,362	183	1,462	1,778	18,340	1,485	11,779	3,263	30,119
May	274	414	866	6,868	598	768	176	66	111	1,068	221	809	2,246	9,993	1,555	6,484	3,801	17,471
June	336	293	840	4,966	391	685	203	41	97	707	165	649	2,032	7,341	1,292	5,351	3,324	12,692
July	288	257	854	4,485	270	798	268	61	139	664	169	558	1,988	6,823	1,256	5,046	3,244	11,869

TABLE 39. — UNEMPLOYMENT IN THE CONSTRUCTION INDUSTRY, PERCENTAGE OF TRADE UNION
MEMBERSHIP UNEMPLOYED, BY TRADE, CANADA, ⁽¹⁾
1945 — JUNE, 1949.

Period	Bricklayers, Masons and Plasterers	Carpenters and Joiners	Painters, Decorators and Paperhangers	Plumbers and Steamfitters	Electricians	Other Construction Workers	All Construction Workers
1945	3.1	1.5	1.3	2.7	1.6	1.6	1.8
1946	2.5	2.1	2.1	1.0	3.2	1.7	1.8
1947							
March	2.4	8.9	2.6	1.0	1.0	3.4	5.0
June	1.0	.3	.2	.1	1.1	.4	.4
September	.4	.7	.1	.1	.1	1.8	.8
December	2.0	9.5	7.2	.4	0	5.2	6.5
Annual Average	1.5	4.9	2.5	.4	.6	2.7	3.2
1948							
March	1.8	12.8	1.5	1.2	.4	12.4	8.1
June	.3	1.0	0	3.2	1.7	3.4	1.5
September	.2	2.4	1.2	.7	1.4	.9	1.5
December	6.3	10.5	7.7	2.6	2.2	5.4	7.9
Annual Average	2.3	7.0	2.4	1.9	1.5	5.7	4.8
1949							
March	8.6	17.0	5.3	4.9	4.2	12.6	11.4
June	1.1	5.8	.1	4.0	3.5	9.1	4.3

(1) For coverage, see p. 89.

TABLE 40. — NUMBER OF MALE WORKERS IN CONSTRUCTION TRADES APPLYING FOR UNEMPLOYMENT INSURANCE BENEFITS AND
ESTABLISHING BENEFIT YEARS, CANADA,
1945 — JUNE, 1949.

Period	Bricklayers	Carpenters	Painters	Plasterers	Plumbers	Electricians	Other Construction Workers ⁽¹⁾	Total Construction Workers
1945	410	7,588	4,333	81	1,550	2,761	842	17,565
1946	316	11,814	5,618	150	1,804	2,682	1,249	23,633
1947	367	13,067	5,207	152	1,648	1,884	1,300	23,625
1948								
January	343 ⁽²⁾	6,299 ⁽²⁾	1,852 ⁽²⁾	108 ⁽²⁾	362 ⁽²⁾	328 ⁽²⁾	1,016 ⁽²⁾	10,308
February	293	5,223	1,083	61	387	356	781	8,184
March	218	3,407	613	64	437	294	461	5,494
1st Quarter	854	14,929	3,548	233	1,186	978	2,258	23,986
April	70	1,392	238	32	302	216	243	2,493
May	33	621	118	14	220	195	152	1,353
June	18	343	129	12	135	142	104	883
2nd Quarter	121	2,356	485	58	657	553	499	4,729
July	15	278	229	8	89	101	87	807
August	20	267	149	6	101	81	99	723
September	13	326	230	4	73	121	125	902
3rd Quarter	48	871	608	18	263	303	311	2,432
October	23	531	508	6	96	165	205	1,534
November	43	1,637	1,051	18	184	259	548	3,740
December	286	4,101	1,528	78	410	303	1,167	7,873
4th Quarter	352	6,269	3,087	102	690	727	1,920	13,147
Total, 1948	1,375	24,425	7,728	411	2,796	2,561	4,988	44,284
1949								
January	564	7,109	1,852	162	576	488	1,431	12,182
February	576	6,856	1,260	175	680	589	1,158	11,294
March	331	4,172	731	75	723	536	774	7,342
1st Quarter	1,471	18,137	3,843	412	1,979	1,613	3,363	30,818
April	228	2,598	502	70	566	498	491	4,953
May	77	1,212	332	31	281	299	301	2,533
June	55	621	175	21	209	264	187	1,532
2nd Quarter	360	4,431	1,009	122	1,056	1,061	979	9,018

(1) Comprises foremen, inspectors, managers, structural iron workers, and other construction occupations.

(2) Estimated (see p. 90).

TABLE 41.— VOCATIONAL AND APPRENTICESHIP TRAINING IN CONSTRUCTION TRADES,
BY NUMBER IN TRAINING, CANADA, 1947 — JUNE, 1949. ⁽¹⁾

Trade and Type of Training	1947	1948				1949	
	June 30	Mar. 31	June 30	Sept. 30	Dec. 31	Mar. 31	June 30
Bricklaying							
Vocational.....	371	151	27	4	2	3	0
Apprenticeship.....	1,421	682	653	642	573	477	402
Total.....	1,792	833	680	646	575	480	402
Carpentry							
Vocational.....	255	194	21	19	23	16	0
Apprenticeship.....	547	1,550	1,470	1,428	1,365	1,226	1,146
Total.....	802	1,744	1,491	1,447	1,388	1,242	1,146
Painting and Decorating							
Vocational.....	78	13	2	0	0	0	0
Apprenticeship.....	315	261	249	246	230	197	173
Total.....	393	274	251	246	230	197	173
Plastering							
Vocational.....	29	10	0	0	1	1	0
Apprenticeship.....	185	263	256	260	245	233	239
Total.....	214	273	256	260	246	234	239
Plumbing and Steam Fitting							
Vocational.....	185	63	7	1	3	4	1
Apprenticeship.....	1,396	1,580	1,615	1,643	1,704	1,710	1,360
Total.....	1,581	1,643	1,622	1,644	1,707	1,714	1,361
Electrical							
Vocational.....	50	168	48	16	34	36	0
Apprenticeship.....	571	1,328	1,363	1,324	1,336	1,269	1,264
Total.....	621	1,496	1,411	1,340	1,370	1,305	1,264
Sheet Metal							
Vocational.....	323	20	7	0	0	0	0
Apprenticeship.....	1,275	616	609	593	571	576	551
Total.....	1,598	636	616	593	571	576	551
All Trades							
Vocational.....	1,291	619	112	40	63	60	1
Apprenticeship.....	5,710	6,280	6,215	6,136	6,024	5,688	5,135
Total.....	7,001	6,899	6,327	6,176	6,087	5,748	5,136

(1) Apprenticeship figures do not include Prince Edward Island which has no organized apprenticeship training and Quebec for which no reports on apprenticeship training are available.

TABLE 42.— IMMIGRATION OF CONSTRUCTION WORKERS, BY TRADE, CANADA,
1945 — JUNE, 1949.

Period	Bricklayers and Masons	Carpenters	Painters	Plasterers	Plumbers	Electricians	Sheet Metal Workers	Total Skilled Construction Workers	Semi-Skilled and Unskilled Construction Workers	Total Construction Workers
1945	8	264	30	2	31	65	45	445	0	445
1946	21	267	80	8	64	169	24	633	51	684
1947	164	778	241	55	164	653	141	2,196	671	2,867
1948										
1st Quarter	89	231	76	21	42	186	31	676	302	978
2nd Quarter	94	360	85	59	72	237	42	949	1,788	2,737
3rd Quarter	171	311	72	17	58	206	48	883	848	1,731
4th Quarter	100	379	115	25	62	198	40	919	137	1,056
Total, 1948	454	1,281	348	122	234	827	161	3,427	3,075	6,502
1949										
January	40	82	20	10	19	58	5	234	15	249
February	31	65	15	6	13	43	6	179	24	203
March	59	93	31	6	9	46	8	252	79	331
1st Quarter	130	240	66	22	41	147	19	665	118	783
April	56	82	23	9	18	61	6	255	166	421
May	51	60	15	6	18	40	4	194	69	263
June	38	84	36	13	12	70	13	266	262	528
2nd Quarter	145	226	74	28	48	171	23	715	497	1,212

TABLE 43.— EMIGRATION OF SKILLED CONSTRUCTION WORKERS, BY TRADE, CANADA,
1948 — JULY, 1949.⁽¹⁾

Period	Bricklayers and Masons	Carpenters	Painters	Plasterers	Plumbers	Electricians	Sheet Metal Workers	Other Skilled Construction Workers	Total Skilled Construction Workers
1948									
January	4	19	9	1	2	10	1	5	51
February	4	22	3	1	3	10	3	4	50
March	11	33	10	2	3	12	3	6	80
1st Quarter	19	74	22	4	8	32	7	15	181
April	18	42	5	2	9	14	3	4	97
May	11	39	9	1	16	10	4	2	92
June	5	21	6	5	6	9	3	5	60
2nd Quarter	34	102	20	8	31	33	10	11	249
July	11	28	14	3	6	14	10	4	90
August	9	34	7	0	10	11	9	2	82
September	12	26	8	3	5	16	4	0	74
3rd Quarter	32	88	29	6	21	41	23	6	246
October	16	45	14	4	10	12	3	9	113
November	8	30	15	6	11	14	9	6	99
December	9	27	12	2	4	9	2	1	66
4th Quarter	33	102	41	12	25	35	14	16	278
Total, 1948	118	366	112	30	85	141	54	48	954
1949									
January	7	36	9	2	11	10	5	3	83
February	7	28	11	1	8	8	2	2	67
March	5	31	13	1	8	14	6	6	84
1st Quarter	19	95	33	4	27	32	13	11	234
April	6	25	13	4	11	13	3	5	80
May	4	29	9	3	9	12	4	5	75
June	3	20	13	0	3	15	1	1	56
2nd Quarter	13	74	35	7	23	40	8	11	211
July	10	22	13	3	7	10	2	6	73

(1) Data are preliminary (see p. 90).

TABLE 44. — STRIKES IN THE BUILDING INDUSTRY, CANADA,
1945 — JULY, 1949.

Period	Strikes	Establishments	Workers	Time Lost in Working Days
	Number	Number	Number	
1945	5	12	325	2,848
1946	12	76	892	6,535
1947—January	1	1	13	20
February	1	1	132	396
March	1	1	50	40
April	3	10	269	800
May	11	272	2,998	18,902
June	7	85	1,056	3,900
July	2	4	57	240
August	3	5	224	354
September	1	15	350	700
October	3	17	575	7,750
November	3	66	1,407	10,550
December	2	3	101	610
Total, 1947 ⁽¹⁾	32	391	6,057	44,262
1948—January	1	1	80	700
February	0	—	—	—
March	0	—	—	—
April	4	96	1,310	11,400
May	5	55	933	10,150
June	3	19	201	1,240
July	2	10	124	2,291
August	1	30	328	1,050
September	2	10	520	1,935
October	2	15	93	330
November	2	23	135	1,450
December	2	53	640	9,000
Total, 1948 ⁽¹⁾	18	257	3,322	39,546
1949—January	1	14	90	900
February	1	1	14	42
March	0	—	—	—
April	0	—	—	—
May	3	122	1,600	24,650
June	3	9	659	3,385
July	1	1	12	24

(1) Since some strikes overlap from one month into another, annual totals of the number of strikes, number of establishments, and number of workers involved, need not equal the sums of the respective monthly figures.

SECTION 7
BUILDING COSTS

TABLE 45. — INDEXES OF WHOLESALE PRICES, RESIDENTIAL BUILDING MATERIALS, AND COMPOSITE INDEX OF ALL
CONSTRUCTION MATERIALS, CANADA, 1945 — JULY, 1949.
(1939 = 100)

Period	Lumber and its Products	Cement, Gravel and Sand	Brick, Tile and Stone	Paint and Glass	Lath, Plaster and Insulation Materials	Roofing Materials	Plumbing and Heating Equipment	Electrical Equipment and Fixtures	Other Materials	Composite Index Residential Building Materials	Composite Index All Construction Materials
1945	182.4	108.6	119.8	146.3	105.4	130.2	118.6	108.8	121.8	145.0	141.9
1946	192.7	108.5	124.5	148.4	104.8	140.4	123.5	114.2	120.8	151.0	149.5
1947—March	198.0	114.5	132.5	173.6	104.8	150.0	135.4	134.2	132.5	159.2	170.0
June	233.5	114.5	138.4	169.7	107.7	172.5	141.6	146.7	135.5	177.7	183.5
September	238.2	119.4	138.4	177.9	107.7	167.3	144.4	153.1	138.0	181.1	190.7
December	276.5	123.9	142.9	179.1	112.5	182.8	148.5	156.5	148.1	200.9	210.9
Annual Average	230.7	116.8	137.3	174.5	107.9	165.5	141.0	143.9	136.7	176.4	185.5
1948—January	277.8	124.2	142.9	180.0	112.5	188.0	153.5	153.5	149.0	202.4	209.4
February	278.6	124.2	142.9	190.8	112.5	188.0	153.5	153.5	149.5	203.1	209.5
March	278.6	124.2	142.9	190.0	113.4	195.0	154.9	153.5	149.7	203.7	207.6
April	280.1	128.1	142.9	189.8	117.2	196.3	161.1	153.5	149.7	206.3	208.9
May	286.1	131.2	142.9	188.5	117.2	196.3	162.6	164.2	149.7	209.8	214.6
June	289.6	131.8	144.3	188.0	119.4	196.3	162.7	164.2	149.7	211.6	217.1
July	289.6	131.8	147.1	188.5	119.4	196.3	162.7	164.2	149.7	211.7	217.8
August	293.9	131.8	147.1	188.3	119.4	196.3	163.7	176.7	159.1	214.8	222.2
September	293.9	133.4	152.9	187.8	119.4	196.3	170.6	176.7	163.1	216.6	223.2
October	309.9	133.4	153.5	190.0	119.4	196.3	170.6	176.7	163.9	223.8	229.5
November	309.9	133.4	153.5	190.0	119.4	192.4	172.7	176.6	164.3	224.0	229.3
December	309.9	133.9	153.5	188.3	119.4	186.0	172.7	176.6	164.3	223.8	227.2
Annual Average	291.5	130.1	147.2	188.3	117.4	193.6	163.4	165.8	155.1	212.6	218.0
1949—January	310.0	134.1	153.5	190.0	119.4	186.0	176.8	176.7	167.4	224.8	227.8
February	310.0	134.1	153.5	190.8	119.4	186.0	176.8	176.7	167.4	225.2	227.8
March	309.1	134.1	153.5	189.5	119.4	186.0	176.8	176.7	169.3	224.5	229.0
April	309.1	135.0	153.5	189.5	119.4	186.0	175.5	176.7	168.4	224.3	227.8
May	309.1	135.2	155.4	189.5	118.8	182.9	175.2	172.5	170.2	223.9	226.0
June	308.5	135.2	155.4	183.5	118.8	179.9	174.1	161.3	168.4	222.9	224.4
July	308.5	135.2	155.4	191.5	118.8	177.0	174.1	157.6	167.1	222.9	223.7

TABLE 46.— INDEXES OF AVERAGE HOURLY WAGE RATES IN CONSTRUCTION TRADES, CANADA,⁽¹⁾
1945 — JUNE, 1949.
(1939 = 100)

Period	Bricklayers	Carpenters	Painters	Plasterers	Plumbers	Electricians	Sheet Metal Workers	Unskilled Construction Workers	All Construction Workers	All Construction Workers (Including Holiday Pay Allowances)
1945	122.4	131.4	131.4	125.7	124.9	129.0	125.3	150.5	131.1	132.0
1946	134.0	144.4	143.1	136.1	137.0	141.9	141.8	160.0	143.9	145.1
1947										
March	137.2	147.7	145.2	144.3	137.0	145.2	144.0	164.9	145.8	147.7
June	154.1	156.4	150.8	150.0	148.4	148.6	154.4	173.7	155.0	158.1
September	163.9	160.1	152.5	155.7	152.3	152.0	158.6	185.6	160.6	163.8
December	163.9	161.3	154.1	155.7	157.3	153.2	158.6	185.6	162.0	165.2
Year	154.8	156.4	150.7	151.4	148.8	149.8	153.9	177.5	155.9	158.7
1948 ⁽²⁾										
March	163.9	161.3	154.1	155.7	162.4	157.8	158.6	185.6	162.9	166.7
June	171.3	172.4	169.1	172.4	169.1	167.4	170.0	197.4	173.4	177.4
September	172.7	176.1	172.4	178.1	171.3	171.7	172.1	197.4	176.3	180.4
December	177.3	177.3	174.0	183.8	172.5	171.7	172.1	199.8	177.7	181.8
Year	171.3	171.8	167.4	172.4	168.4	167.7	168.2	195.1	172.6	176.6
1949 ⁽²⁾										
March	177.3	178.5	174.0	185.2	178.8	175.2	173.2	202.2	178.5	182.6
June	179.6	183.4	175.7	189.4	182.6	181.0	176.3	202.2	183.5	187.7

(1) For source and details of compilation see p. 91.

(2) Data for 1948 and 1949 are preliminary.

TABLE 47.— COMPOSITE INDEX OF WAGE RATES IN THE CONSTRUCTION INDUSTRY WITH WHOLESALE PRICES OF RESIDENTIAL BUILDING MATERIALS, AND WITH WHOLESALE PRICES OF ALL CONSTRUCTION MATERIALS, WHOLESALE PRICE INDEX OF ALL COMMODITIES AND INDEXES OF COST OF LIVING AND RENT, 1945 — JULY, 1949.
(1939 = 100)

Period	Residential Building Materials and Wage Rates ⁽¹⁾	All Construction Materials and Wage Rates ⁽¹⁾	All Commodities	Cost of Living	Rent
1945	139.2	137.8	137.4	117.7	108.0
1946	148.0	147.7	144.2	121.8	108.6
1947—January	152.8	157.2	151.5	125.1	109.2
February	154.0	160.3	156.9	125.9	109.2
March	154.4	160.7	160.2	127.0	109.2
April	155.9	162.1	163.5	128.7	109.2
May	164.1	169.2	166.7	131.1	111.2
June	169.5	172.9	169.8	132.9	113.5
July	170.8	174.3	171.2	133.9	113.5
August	172.7	176.4	173.5	134.6	113.5
September	173.9	179.5	177.7	137.3	113.5
October	181.5	188.9	184.7	140.1	115.5
November	184.1	190.2	189.0	141.5	115.5
December	186.0	191.8	190.3	143.8	115.5
Annual Average	168.3	173.6	171.3	133.5	112.4
1948—January	187.1	191.2	194.8	146.1	115.5
February	187.7	191.4	195.4	147.9	115.5
March	188.3	190.5	194.8	148.6	115.5
April	189.9	192.0	196.9	149.4	116.5
May	193.7	196.5	198.9	151.0	116.5
June	197.3	200.5	201.5	152.0	116.5
July	197.8	201.4	201.6	154.6	116.5
August	200.0	204.4	209.3	155.2	116.5
September	201.5	205.4	209.8	156.6	116.6
October	205.3	209.2	211.1	157.2	116.6
November	206.2	209.3	211.8	157.2	116.6
December	206.3	208.3	211.5	156.6	117.2
Annual Average	196.8	200.0	203.1	152.7	116.3
1949—January	207.1	208.7	211.3	157.2	117.2
February	207.4	208.9	209.7	157.1	117.2
March	207.0	209.7	209.0	156.8	117.2
April	207.3 ⁽²⁾	209.3 ⁽²⁾	208.9	156.9	117.9
May	207.4	208.7	207.4	157.0	117.9
June	207.3	208.1	207.3	158.1	117.9
July	207.3 ⁽³⁾	207.7 ⁽³⁾	207.7	159.7	118.9

(1) For weighting and method of compilation see p. 91.

(2) Revised.

(3) Preliminary.

TABLE 48.— PERCENTAGE DISTRIBUTION OF NEW COMPLETED HOUSING UNITS BY NUMBER OF MONTHS UNDER CONSTRUCTION, AND AVERAGE NUMBER OF MONTHS UNDER CONSTRUCTION, BY MONTH OF COMPLETION, CANADA, 1946 — JULY, 1949.

Period of Completion	Number of Months under Construction ⁽¹⁾					Average Number of Months under Construction
	1 - 3	4 - 6	7 - 9	10 - 12	More than 12	
	(per cent)	(per cent)	(per cent)	(per cent)	(per cent)	
1946	—	—	—	—	—	11
1947	—	—	—	—	—	8
1948						
January	4	25	47	12	12	7.3
February	10	24	42	17	7	7.1
March	3	28	42	18	9	7.5
April	4	35	40	16	5	7.7
May	14	26	33	20	7	7.2
June	27	19	32	14	8	6.8
July	40	14	25	11	10	6.1
August	36	29	10	13	12	6.2
September	38	37	9	8	8	5.4
October	24	48	9	9	10	6.1
November	21	50	15	4	10	6.0
December	19	45	25	3	8	6.4
Year	20	32	27	12	9	6.5
1949						
January	12	39	36	4	9	7.0
February	10	35	38	10	7	7.3
March	3	31	49	11	6	7.9
April	6	28	41	19	6	7.9
May	8	25	41	20	6	8.0
June	20	16	42	15	7	7.4
July	40	15	25	10	10	7.0

(1) Not available for 1946 and 1947.

SECTION 8
BUILDING INDUSTRY

TABLE 49.— BANKRUPTCIES IN THE CONSTRUCTION INDUSTRY, BUILDING MATERIAL INDUSTRIES,
AND IN ALL INDUSTRIES, CANADA, 1945 — JUNE, 1949.

Period	Construction Industry			Building Material Industries			All Industries		
	Number of Bankruptcies ⁽¹⁾	Assets (\$000)	Liabilities (\$000)	Number of Bankruptcies ⁽¹⁾	Assets (\$000)	Liabilities (\$000)	Number of Bankruptcies ⁽¹⁾	Assets (\$000)	Liabilities (\$000)
1945	56	248	645	12	105	290	264	1,650	3,792
1946	35	358	580	3	41	56	269	3,411	5,984
1947	53	581	1,102	29	878	1,107	509	6,994	11,107
1948									
1st Quarter	15	199	429	6	323	382	198	2,265	4,005
2nd Quarter	14	30	101	7	445	417	213	3,455	4,245
3rd Quarter	17	272	443	9	353	407	169	2,746	4,805
4th Quarter	27	178	402	3	165	103	219	4,383	5,096
Total, 1948 ⁽²⁾	73	679	1,375	25	1,286	1,309	799	12,849	18,151
1949 ⁽²⁾									
1st Quarter	28	216	375	20	809	887	262	4,068	6,744
2nd Quarter	18	251	388	10	81	256	219	3,769	4,696

(1) See p. 92.

(2) Preliminary.

TABLE 50.—INDEXES OF STOCK PRICES OF COMMON SHARES OF SIXTEEN BUILDING
MATERIAL COMPANIES AND EIGHTY-TWO INDUSTRIAL COMPANIES,
CANADA, 1945 — JULY, 1949.
(1939 = 100)

Period	Sixteen Building Material Companies	Eighty-two Industrial Companies
1945	118.0	102.7
1946	152.2	119.1
1947—January.....	145.5	108.8
February.....	147.8	112.3
March.....	142.6	108.8
April.....	139.2	107.1
May.....	138.8	107.0
June.....	138.1	108.1
July.....	139.0	110.3
August.....	137.3	108.3
September.....	135.2	106.6
October.....	136.2	108.6
November.....	140.6	110.7
December.....	138.5	110.0
Annual Average.....	139.9	108.9
1948—January.....	134.9	111.8
February.....	124.6	105.3
March.....	123.5	105.0
April.....	134.3	113.7
May.....	144.9	121.6
June.....	146.6	126.0
July.....	141.9	121.7
August.....	139.5	118.5
September.....	139.1	118.6
October.....	142.3	122.4
November.....	143.0	124.5
December.....	142.0	121.8
Annual Average.....	138.1	117.5
1949—January.....	145.5	119.8
February.....	142.1	112.1
March.....	139.8	110.1
April.....	142.0	109.4
May.....	138.6	108.3
June.....	133.7	101.4
July.....	139.4	106.8

PART III
SOURCES AND EXPLANATORY NOTES

SOURCES AND EXPLANATORY NOTES

Sources and explanatory notes are organized in the order of the factual material referred to in Parts I and II. Where figures are rounded to the nearest thousand or million, totals do not necessarily equal the sum of their constituent items. Frequent references are made to the Dominion Bureau of Statistics and to the Central Mortgage and Housing Corporation. In the following notes these organizations are designated by the abbreviations, "D.B.S." and "C.M.H.C." respectively.

PART I

CHARTS

FIGURE 1.—NUMBER OF HOUSES STARTED IN CANADA, QUARTERLY, JUNE, 1947—JUNE, 1949.

Chart based on data shown in Table 7.

FIGURE 2.—VOLUME OF PRODUCTION OF TWENTY-EIGHT BUILDING MATERIALS, FIRST SIX MONTHS, 1948, AND 1949.

Chart based on data shown in Table 29.

FIGURE 3.—INDEXES OF RESIDENTIAL BUILDING MATERIAL WHOLESALE PRICES AND WAGE RATES OF CONSTRUCTION WORKERS AND COMBINED INDEX OF MATERIALS AND WAGES, JANUARY, 1947—JULY, 1949.

Chart based on data shown in Tables 45, 46 and 47.

PART II

TABULAR MATERIAL

TABLE 1.—NUMBER OF BIRTHS, DEATHS AND MARRIAGES, CANADA, 1945—JUNE, 1949.

Data for 1945 obtained from *Preliminary Annual Report, Vital Statistics of Canada, Final Figures, 1945*, D.B.S. Data for 1946 obtained by courtesy of Vital Statistics Section, Division of Social Welfare, D.B.S. Data for 1947 obtained from *Preliminary Annual Report, Vital Statistics of Canada, Tentative Figures, 1947*, D.B.S. Data for 1948 and 1949 obtained from *Monthly Report of Births, Marriages and Deaths in Canada*, D.B.S.

TABLE 2.—NUMBER OF IMMIGRANTS TO CANADA, BY SEX, MARITAL STATUS AND AGE GROUP, 1945—JUNE, 1949.

Data compiled by courtesy of D.B.S. from data supplied by the Immigration Branch, Department of Mines and Resources.

TABLE 3.—NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED, AND UNDER CONSTRUCTION, CANADA, 1945—JULY, 1949.

Sources of data shown in Table 3 are as follows:

1945 *Housing Statistics, 1946*, D.B.S.

1946 Data for completions obtained from *Dwelling Units and New Buildings Containing Dwelling Units Reported by Municipalities and other Areas as Completed in the Nine Months Ending September 30, 1947*, D.B.S.

Data for units under construction at the end of 1946 obtained from *Housing Bulletin No. 1*, March, 1948, D.B.S.

1947 Data for completions obtained from *Supplement to Housing Statistics, 1947*, D.B.S.

Data for units under construction at the end of 1947 obtained from *Housing Bulletin No. 1*, March, 1948, D.B.S.

Data for starts during 1947 estimated by Economic Research Department, C.M.H.C. from figures supplied by Public Finance Statistics Division, D.B.S.

1948-1949 Data obtained from monthly issues *Housing Bulletin*, D.B.S.

Data for housing units completed in Canada during 1945, 1946 and 1947 are based on returns received from 623 municipalities out of a total of 3,845 or approximately 66 per cent of the total population of incorporated municipalities. For detailed explanation of coverage and statistical technique used see *Housing Statistics, 1946*, D.B.S.

Estimates for 1948 are based on the results of a nation-wide survey carried out each month by D.B.S. with the co-operation of C.M.H.C. All metropolitan areas and urban centres with a population of 5,000 or more are enumerated completely. Approximately 400 sample areas lying outside these municipalities are also chosen for complete enumeration.

The number of units under construction as shown for the end of July, 1949 does not equal the number shown as under construction at the end of 1948 plus starts less completions during the first seven months of 1949. The figures for units under construction are subject to adjustment each month because of errors in the designation of starts between single and multiple units, and also because of the cancellation of some starts reported in previous months.

TABLE 4.—NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED, AND UNDER CONSTRUCTION IN METROPOLITAN AREAS AND MUNICIPALITIES OF 5,000 POPULATION AND OVER, CANADA, 1946—JULY, 1949.

Data for 1947 compiled by the Program Section, Construction Division, C.M.H.C. Data for 1948 compiled by the Program Section, Construction Division, C.M.H.C. and the Housing Research Section, Central Research and Development Division, D.B.S. Data for 1949 compiled by the Economic Research Department, C.M.H.C. and the Housing Research Section, Central Research and Development Division, D.B.S. The number of units under construction at the end of July, 1949, need not equal the sum of all units started less total completions. For explanation see notes to Table 3.

TABLE 5.—NEW RESIDENTIAL CONSTRUCTION, BUILDING PERMITS ISSUED IN 204 MUNICIPALITIES, CANADA, 1945—JUNE, 1949.

Data for 1945—February, 1947, obtained from annual and monthly issues of *Building Permits Issued in Canada*, Construction Statistics Section, Census of Industry and Merchandising Division, D.B.S. Data for March-December, 1947, compiled by the Economic Research Department, C.M.H.C., from returns made to D.B.S. Data for 1948—June, 1949, provided by courtesy the Construction Statistics Section, Census of Industry and Merchandising Division, D.B.S.

The number of new dwelling units includes conversions.

The 204 municipalities reporting to D.B.S. represented some 5,257,000 persons or 46 per cent of the total population of Canada as at the date of the 1941 census.

Data for May, 1948, based on returns from 203 municipalities, June 203, July 203, August 203, September 203, October 203, November 203, December 202. Data for April, 1949 based on returns from 202 municipalities, May, 201 and June 199.

TABLE 6.—NEW RESIDENTIAL CONSTRUCTION, CONSTRUCTION CONTRACTS AWARDED, CANADA, 1945—JULY, 1949.

Data obtained from monthly issues of *The Building Reporter*, published by Hugh C. McLean Publications Limited, Toronto.

Contracts awarded may be used as an indicator of trends but they are liable to misinterpretation if used as indicators of total volume of residential activity. They relate only to projected work which may or may not be commenced. Coverage is apt to vary over a period of time.

Data on the number of *new housing units* estimated to be involved in contract awards for apartments which replace the series on *apartment blocks* shown in *The Building Reporter* have been derived by the application of a conversion factor to the value of contract awards for apartments made during the periods shown. This has been done to make the data more comparable with the series on building permits issued.

The conversion factor used is simply the average construction cost per dwelling unit of an apartment of the solid masonry type (brick facing and masonry blocks) prevailing throughout Canada during the first six months of 1946 as outlined in the study *Manpower and Material Requirements for a Housing Program in Canada*, Department of Reconstruction and Supply, Ottawa, 1946, pp. 40-41. 1946 construction costs for the units are estimated at \$6,053, of which \$3,178 are material costs, \$2,270 are on-site labour costs and \$605 are overhead and profits. For the 1947 and 1948 conversion factor, this 1946 figure was adjusted monthly according to variations in the wholesale price index of building materials. Additional adjustments were made in accordance with quarterly estimates of changes in building labour wage rates.

TABLE 7.—NUMBER OF NEW PERMANENT HOUSING UNITS STARTED, DIRECT FEDERAL GOVERNMENT HOUSING AND PRIVATELY-INITIATED HOUSING WITH AND WITHOUT FEDERAL GOVERNMENT FINANCIAL ASSISTANCE, CANADA, 1947—JUNE, 1949.

Data compiled by Economic Research Department, Central Mortgage and Housing Corporation. Direct Federal Government housing comprises starts under the Veterans' Rental Housing Programme of Central Mortgage and Housing Corporation and the Armed Service Married Quarters' Programme of the Department of National Defence. Privately-initiated housing with Federal Government financial assistance in the form of loans covers starts under the National Housing Act, 1944, The Farm Loan Act, 1927, and the Veterans' Land Act, 1942. Privately-initiated housing with Federal Government financial assistance in the form of guarantees comprises starts under the Farm Improvement Loans Act, 1944, and the rental insurance plan, except those rental insurance units approved for National Housing Act loans.

National Housing Act starts for 1947 and 1948 were distributed by quarter according to the pattern established by the number of housing units approved for loans. Starts under the rental insurance plan, the Farm Loan Act, 1927, and the Farm Improvement Loans Act, 1944, were considered to be equal to the number of units approved under these provisions.

As this tabulation covers new permanent houses only, Federal Government guarantees under the home extension provisions of The National Housing Act, 1944, financial assistance for Emergency Shelter units, and construction of temporary units by the Department of National Defence, are excluded.

TABLE 8.—LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, NUMBER AND AMOUNT OF GROSS LOANS APPROVED AND NUMBER OF HOUSING UNITS FINANCED, CANADA, FEBRUARY, 1945—JULY, 1949.

Data compiled by the Economic Research Department, C.M.H.C.

TABLE 9.—LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, GROSS LOANS APPROVED BY TYPE OF LOAN, CANADA, FIRST HALF, 1948 AND 1949.

Data compiled by the Economic Research Department, C.M.H.C.

TABLE 10.—LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, ANALYSIS OF GROSS LOANS APPROVED SHOWING AVERAGE ESTIMATED COST, LENDING VALUE, AMOUNT OF LOAN, FLOOR AREA, AND CONSTRUCTION COST PER SQUARE FOOT, BY TYPE OF HOUSING UNIT, CANADA, FIRST HALF, 1948 AND 1949.

Data compiled by the Economic Research Department, C.M.H.C.

TABLE 11.—LENDING OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, HOME EXTENSION LOAN GUARANTEES APPROVED, CANADA, APRIL, 1946—JUNE, 1949.

Data compiled by the Mortgage Department, C.M.H.C.

TABLE 12.—VETERANS' RENTAL HOUSING PROJECTS BY CENTRAL MORTGAGE AND HOUSING CORPORATION, NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED, AND UNDER CONSTRUCTION, AND ACTUAL EXPENDITURE, CANADA, 1941—JUNE, 1949.

Data to the end of 1946 compiled by Wartime Housing Limited.

Financial data for 1947—June, 1949, compiled by the Accounting Division, C.M.H.C.
For the periods 1947—1948 data on the number of housing units started, completed and under construction compiled by the Program Section, Construction Division, and for 1949 by the Economic Research Department, C.M.H.C.

TABLE 13.—VETERANS' RENTAL HOUSING PROJECTS BY CENTRAL MORTGAGE AND HOUSING CORPORATION, CONSTRUCTION UNDER CONTRACT, BY UNITS, CANADA, 1945—JULY, 1949.

Data to the end of 1948 compiled by the Program Section, Construction Division, and for 1949 by the Economic Research Department, C.M.H.C.

TABLE 14.—VETERANS' RENTAL HOUSING PROJECTS BY CENTRAL MORTGAGE AND HOUSING CORPORATION, HOUSING UNITS UNDER CONTRACT BY TWENTY-THREE STAGES OF CONSTRUCTION, CANADA, JUNE AND DECEMBER, 1948, AND JUNE, 1949.

Data to the end of 1948 compiled by the Program Section, Construction Division, and for 1949 by the Economic Research Department, C.M.H.C.

TABLE 15.—CONSTRUCTION OPERATIONS UNDER THE VETERANS' LAND ACT, 1942, NUMBER AND AMOUNT OF APPROPRIATIONS AND APPLICATIONS FOR ASSISTANCE APPROVED, BY TYPE OF PROJECT, CANADA, SEPTEMBER 3, 1943—JUNE, 1949.

Data compiled by the Economic Research Department, Central Mortgage and Housing Corporation from information obtained by courtesy of the Research and Statistics Division, Department of Veterans' Affairs.

Data cover housing operations only under the Veterans' Land Act, 1942, from the date of the first loan approved to the end of June, 1949. Operations prior to September, 1943, consisted mainly of land and building material acquisitions for future operations.

TABLE 16.—CONSTRUCTION OPERATIONS UNDER THE VETERANS' LAND ACT, 1942, NUMBER OF NEW HOUSING UNITS STARTED, COMPLETED AND UNDER CONSTRUCTION AND CONSTRUCTION EXPENDITURE, BY TYPE OF PROJECT, CANADA, SEPTEMBER 23, 1943—JUNE, 1949.

Data compiled by the Economic Research Department, Central Mortgage and Housing Corporation from information obtained by courtesy of the Research and Statistics Division, Department of Veterans' Affairs.

TABLE 17.—ARMED SERVICES MARRIED QUARTERS, PERMANENT AND TEMPORARY HOUSING, NUMBER STARTED, COMPLETED, AND UNDER CONSTRUCTION, AND EXPENDITURES, CANADA, 1947—JUNE, 1949.

Data obtained by courtesy the Joint Services Accommodation Committee, Department of National Defence. Figures compiled by the construction branches of the Department of National Defence.

No land costs are shown because the units were constructed on crown-owned property.

The designation "temporary units" refers to conversions but excludes emergency conversions.

TABLE 18.—LENDING OPERATIONS UNDER THE CANADIAN FARM LOAN ACT, 1927, CANADA, 1929—JUNE, 1949.

Data compiled by the Canadian Farm Loan Board, Department of Finance.

TABLE 19.—LENDING OPERATIONS UNDER THE FARM IMPROVEMENT LOANS ACT, 1944, CANADA, MARCH, 1945—JUNE, 1949.

Data obtained by courtesy of the Supervisor, The Farm Improvement Loans Act, Department of Finance.

TABLE 20.—PROPERTY MANAGEMENT OPERATIONS UNDER CENTRAL MORTGAGE AND HOUSING CORPORATION, NUMBER OF RENTAL UNITS UNDER ADMINISTRATION, AND PER CENT VACANT, BY TYPE OF UNIT, CANADA, 1947—JULY, 1949.

Data compiled by Economic Research Department from data supplied by the

TABLE 21.—OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, RENTAL INSURANCE PLAN, NUMBER OF PROJECTS, UNITS, AND TOTAL ESTIMATED COST FOR APPROVED PROJECTS WITH LOANS UNDER THE N.H.A. AND WITH CONVENTIONAL LOANS, CANADA, JULY, 1948—JULY, 1949.

Data compiled by the Economic Research Department, C.M.H.C.

TABLE 22.—OPERATIONS UNDER THE NATIONAL HOUSING ACT, 1944, RENTAL INSURANCE PLAN, AVERAGE NUMBER OF ROOMS, FLOOR AREA, ESTIMATED COST, AND MAXIMUM MONTHLY RENT PER UNIT, FOR PROJECTS APPROVED, CANADA, JULY, 1948—JULY, 1949.

Data compiled by the Economic Research Department, C.M.H.C.

TABLE 23.—APPROVED APPLICATIONS FOR DOUBLE DEPRECIATION ON RENTAL HOUSING PROJECTS, CANADA, JUNE, 1947—JUNE, 1949.

Data compiled by Economic Research Department, C.M.H.C. In June, 1948, one project comprises 18 housing units, 8 stores and 1 garage. In this month average estimated costs are based on dwellings, stores and garages. Construction cost per square foot is based on one project only, as cost of housing units are not shown separately from costs of stores and garage for the other project.

TABLE 24.—NUMBER OF HOUSING UNITS FOR WHICH PRIORITY ASSISTANCE FOR BUILDING MATERIALS HAS BEEN APPROVED, BY TYPE OF PROJECT, CANADA, AUGUST 23, 1945—JULY, 1949.

Data to July, 1947, compiled by the Economic Research and Development Branch, Department of Trade and Commerce. Data for August, 1947—July, 1949, compiled by the Priorities Branch, Department of Trade and Commerce.

TABLE 25.—OPERATIONS UNDER THE HOUSING CORPORATION, PROVINCE OF ONTARIO, NUMBER OF LOANS AND HOUSING UNITS APPROVED, AMOUNT OF LOANS APPROVED, AND AMOUNT OF LOANS ADVANCED, MAY, 1948—JULY, 1949.

Data obtained by courtesy, The Housing Corporation, Province of Ontario.

TABLE 26.—GROSS MORTGAGE LOANS ON REAL ESTATE APPROVED BY LENDING INSTITUTIONS, BY TYPE OF LOAN, CANADA, 1947—JUNE, 1949.

Data compiled by the Economic Research Department, Central Mortgage and Housing Corporation, from monthly reports submitted by 117 lending institutions comprising 38 life insurance companies, 36 trust companies, 25 loan companies, 8 fire insurance companies, and 12 fraternal societies. These companies advanced 95 per cent of the total cash disbursements on mortgage loan account for Canadian real-estate made by all companies of these types in 1948.

TABLE 27.—GROSS MORTGAGE LOANS APPROVED ON NEW NON-FARM HOUSING CONSTRUCTION, BY TYPE OF LENDING INSTITUTION, AND BY TYPE OF HOUSING UNIT, CANADA, 1947—JUNE, 1949.

Data compiled by Economic Research Department, Central Mortgage and Housing Corporation. Source is the same as for Table 26.

TABLE 28.—INDEXES OF PRODUCTION OF CONSTRUCTION MATERIALS, BY LUMBER, OTHER CONSTRUCTION MATERIALS, AND TOTAL, AND INDEX OF DOMESTIC DISAPPEARANCE OF CONSTRUCTION MATERIALS EXCLUDING LUMBER, CANADA, 1945—JUNE 1949.

Data compiled by Economic Research Department, Central Mortgage and Housing Corporation, from information provided by courtesy of D.B.S.

The combined index of construction material production is based on the total value of output of the more important construction materials in terms of 1946 prices. It is designed to measure the overall trend in the physical output of construction materials. Because of the high degree to which producers of construction materials, with the exception of lumber, are responsive mainly to the requirements of the domestic market, the output index provides a rough indication of trends in domestic construction activity.

A closer indication of trends in domestic construction activity however, can be obtained from the index of domestic disappearance, designed to measure the rate at which the construction industry absorbs materials. To obtain this index, the production index was adjusted, where possible, by the addition of imports, the deduction of exports, and the replacement of the original production data with data on factory sales of materials to take account of producers' inventory changes. The series on domestic disappearance is subject to the limitation that it does not reflect changes in the level of dealers' inventories. This means that in respect to materials such as lumber, where dealers' inventories represent a comparatively high proportion of yearly output or factory shipments, the series shown here cannot be relied on to give an accurate short term indication of the actual absorption of materials on the site. For this reason, lumber was excluded from the series on domestic disappearance shown in this tabulation.

The indexes are based on 23 materials, including lumber, for the period 1939-1945, and on 41 materials for the period 1946-1948. The lumber index in the production series is shown separately because of its heavy weight in relation to the other materials.

TABLE 29.—VOLUME OF PRODUCTION OF SELECTED BUILDING MATERIALS, CANADA, 1945—JUNE, 1949.

Sources of data for building materials listed in Table 29 are as follows:

Sawn Lumber:

- 1945 By courtesy the Timber Controller, Department of Reconstruction and Supply.
- 1946 *Production, Shipments and Stocks on Hand of Sawmills, January 1947*, D.B.S., p. 4.
- 1947 *Production, Shipments and Stocks on Hand of Sawmills, January 1948*, D.B.S.
- 1948—1949 Monthly issues *Production, Shipments and Stocks on Hand of Sawmills*, D.B.S.

Hardwood Flooring:

- 1946—1949 By courtesy the Timber Controller, Department of Trade and Commerce. The unit measure, square foot, represents a surface measure, plus an allowance for waste and tongue irrespective of thickness.

Wood Fibre Insulating Board:

- 1945 By courtesy the Forest Products Statistics Section, D.B.S.
- 1946—1948 Monthly issues *Rigid Insulating Board Industry*, D.B.S.

Building Brick: Data relate to face and common clay brick.

- 1945—1949 Estimates prepared by Economic Research Department, C.M.H.C., based on actual production reported to D.B.S. by 55 producers accounting for approximately 97 per cent of brick shipments during 1945.

Data on production of brick, 1946-1949 shown in *Canadian Statistical Review*, D.B.S., represent production of these firms only.

Structural Tile:

- 1945—1949 *Monthly Report on Clay Products Made from Canadian Clays*, D.B.S.

Cast-Iron Soil Pipes and Fittings:

- 1945—1949 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

Cast-Iron Pressure Pipe and Fittings:

- 1945—1949 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

Steel Pipe, Tubes and Fittings:

- 1945—1949 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

Structural Steel:

- 1945—1949 By courtesy the Steel Controller, Department of Trade and Commerce. Structurals include T-bars, Z-bars, H-Beams, I-beams, uprights, angles, etc., where any one leg of the section is 3 inches or over.

Wire Nails and Spikes:

- 1945 *Iron and Steel and Their Products in Canada, 1943-1945*, D.B.S., p. 163.
1946—1947 *The Hardware, Tools and Cutlery Industry in Canada, 1947*, D.B.S.
1948—1949 Monthly issues *Nails, Tacks and Staples*, D.B.S.

Rock Wool Batts:

- 1945—1947 Annual issues *The Stone Industry in Canada*, D.B.S.
1948—1949 Monthly issues *Rock Wool*, D.B.S.

Granulated and Loose Rock Wool:

- 1945—1947 Annual issues *The Stone Industry in Canada*, D.B.S.
1948—1949 Monthly issues *Rock Wool*, D.B.S.

Cement:

- 1945—1948 Annual Issues *The Cement Manufacturing Industry in Canada*, D.B.S.
1949 Monthly issues *Cement*, D.B.S.

Concrete Blocks:

- 1946—1947 *The Cement Products Industry in Canada, 1947*, D.B.S.
1948—1949 Monthly issues *Concrete Building Blocks and Cement Pipe*, D.B.S.

Cement Pipe and Tile:

- 1946 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.
1947—1949 Monthly issues *Concrete Building Blocks and Cement Pipe*, D.B.S.

Gypsum Wallboard:

- 1945—1947 Annual issues *The Gypsum Industry in Canada*, D.B.S.
1948—1949 Monthly issues *Production, Shipments and Stocks of Gypsum Products*, D.B.S.

Gypsum Lath:

- 1945—1947 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.
1948—1949 Monthly issues *Production, Shipments and Stocks of Gypsum Products*, D.B.S.

Gypsum Plaster:

- 1945—1947 Annual issues *The Gypsum Industry in Canada*, D.B.S.
1948—1949 Estimates prepared by the Economic Research Department, C.M.H.C. Production data shown in monthly issues of *Production, Shipments and Stocks of Gypsum Products*, include sundry plasters such as moulding plaster, etc. These were excluded in the figures shown in this table.

Builders' Hardware:

- 1945—1947 Annual issues *The Hardware, Tools and Cutlery Industry in Canada*, D.B.S.
1948—1949 Estimates prepared by Economic Research Department, C.M.H.C. based on factory sales reported to D.B.S. by firms accounting for about 67 per cent of total sales made in 1946.

Warm Air Furnaces:

- 1945—1948 *Special Statement on Warm Air Furnaces, 1948*, D.B.S., p. 1.
1949 Monthly estimates prepared by Economic Research Department, C.M.H.C., based on returns made to D.B.S. from firms accounting for about 89 per cent of production in 1946.

Domestic Heating Boilers:

- 1945—1947 Annual issues *The Cooking and Heating Apparatus Industry in Canada, 1947*, D.B.S.
1948—1949 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

Cast-Iron Radiators:

- 1945—1946 Annual issues *The Boilers, Tanks and Plate Work Industry in Canada*, D.B.S.
1947—1949 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

Hot Water Storage Tanks:

- 1945—1947 Annual issues *The Sheet Metal Products Industry in Canada*, D.B.S.
1948—1949 By courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

Electric Hot Water Tank Heaters:

1945—1947 Annual issues *The Electrical Apparatus and Supplies Industry in Canada, 1947*, D.B.S.

1948—1949 Estimates prepared by the Economic Research Department, C.M.H.C., based on returns made to D.B.S. from firms accounting for about 63 per cent of production in 1947.

Asphalt Shingles:

1945—1947 *Asphalt Roofing Industry, March, 1948*, D.B.S.

1948—1949 Monthly issues *Asphalt Roofing Industry*, D.B.S.

Tar and Asphalt Felts:

1945—1947 *Asphalt Roofing Industry, March, 1948*, D.B.S.

1948—1949 Monthly issues *Asphalt Roofing Industry*, D.B.S.

Data for flue linings, vitrified sewer pipe, electrical wire and wiring devices, and sanitary ware obtained by courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S. Bath tub production for 1945, estimated on the basis of returns made to D.B.S. from firms accounting for 78 per cent of production in 1946 and 1947.

TABLE 30.—SALES AND STOCKS OF SELECTED BUILDING MATERIALS, CANADA, 1947—JUNE, 1949.

Data based on monthly reports supplied by courtesy the Mining, Metallurgical and Chemical Statistics Section, D.B.S.

TABLE 31.—VOLUME OF IMPORTS OF SELECTED BUILDING MATERIALS, CANADA, 1945—JUNE, 1949.

Data obtained from monthly issues of *Trade of Canada—Imports Entered for Consumption*, Department of Trade and Commerce.

TABLE 32.—VOLUME OF EXPORTS OF SELECTED BUILDING MATERIALS, CANADA, 1945—JUNE, 1949.

Data obtained from monthly issues of *Trade of Canada—Exports—Canadian Produce*, Department of Trade and Commerce.

Data on lumber exports include planks, boards and squared timber.

Data for lumber in monthly issues of the *Canadian Statistical Review*, D.B.S., include planks and boards only.

TABLE 33.—MOVEMENT BY RAIL OF BUILDING MATERIALS, CANADA, 1945—JUNE, 1949.

Data to June, 1949, obtained from monthly issues of *Monthly Traffic Report of Railways of Canada*, D.B.S.

TABLE 34.—EMPLOYMENT AND WEEKLY PAYROLLS IN THE BUILDING MATERIAL INDUSTRIES, CANADA, 1946—JUNE, 1949.

Data compiled by the Economic Research Department, C.M.H.C., from information supplied by courtesy of the Employment and Payrolls Statistics Section, D.B.S.

Data are based on monthly reports from employers with 15 or more employees. The materials covered include: lumber, brick, tiles, paints, pigments, varnishes, building blocks, roofing and sheathing paper, prefabricated houses, stoves, heaters, furnaces, iron pipe, sheet metal, wallboards, structural iron and steel fabrication, builders' hardware, glass, lime, gypsum products, cement, asbestos building materials, sanitary ware, rock wool, sand and gravel.

TABLE 35.—EMPLOYMENT AND UNEMPLOYMENT IN THE CONSTRUCTION INDUSTRY, NON-AGRICULTURAL INDUSTRIES, AND ALL INDUSTRIES, CANADA, QUARTERLY, NOVEMBER, 1945—JUNE, 1949.

The data in this table are based on the results of sample surveys undertaken by D.B.S. on an approximate quarterly basis. Results of these samples are published in periodic issues of *The Labour Force Bulletin*, D.B.S.

The estimates in Table 35 are subject to sampling error. In general, the smaller the estimate the larger the relative sampling error. In the case of unemployment estimates

in the construction industry, the percentage error is apt to be quite high, and reliance can be placed on these figures only with careful reservations. The coefficient of variation for estimates of employment in the construction industry is estimated at 6 per cent. Roughly this means that there are about two chances out of three that the sampling error will be less than 6 per cent; and about one chance in twenty that it will amount to more than 12 per cent.

It should be borne in mind that the construction industry referred to in Table 35 includes engineering as well as building construction, whereas the following tables, numbers 36 and 37 cover the building industry only.

TABLE 36.—EMPLOYMENT AND WEEKLY PAYROLLS IN THE BUILDING INDUSTRY AND INDEXES OF EMPLOYMENT IN THE BUILDING AND NON-AGRICULTURAL INDUSTRIES, CANADA, 1945—JULY, 1949.

Data compiled by the Employment Statistics Section, D.B.S., from reports made by employers with 15 or more employees. Indexes of employment converted from a 1926 to a 1939 base. The data are published monthly in issues of *The Employment Situation*, D.B.S.

TABLE 37.—NUMBER OF HOURLY WAGE-EARNERS, AVERAGE AND TOTAL NUMBER OF HOURS WORKED PER WEEK, AVERAGE HOURLY AND WEEKLY EARNINGS, BUILDING INDUSTRY, CANADA, 1945—JULY, 1949.

Data compiled by the Employment Statistics Section, D.B.S., from reports made by employers with 15 or more employees. Data are published monthly in *Statistics of Average Hours Worked and Average Hourly Earnings*, D.B.S.

The number of hourly wage-earners comprises workers who are employed by the hour and excludes salaried personnel and other employees whose earnings are not directly dependent on the number of hours worked. Consequently the total number of hourly wage-earners shown in this table is smaller than the number of persons employed as shown in Table 36.

The statistics on hours worked include overtime as well as the hours put in by part-time and casual workers. Hours credited to persons on leave with pay are also included.

The average hourly and weekly earnings shown represent gross earnings before deduction for taxes, unemployment insurance, etc.

TABLE 38.—UNFILLED VACANCIES AND UNPLACED APPLICANTS IN CONSTRUCTION TRADES, CANADA, DECEMBER, 1944—JULY, 1949.

Compiled by the Research and Statistics Branch, Department of Labour, based on weekly reports submitted by local offices of the Unemployment Insurance Commission.

TABLE 39.—UNEMPLOYMENT IN THE CONSTRUCTION INDUSTRY, PERCENTAGE OF TRADE UNION MEMBERSHIP UNEMPLOYED, BY TRADE, CANADA, 1945—JUNE, 1949.

Data obtained by courtesy the Research and Statistics Branch, Department of Labour. The figures are based on returns from trade unions reporting to the Department of Labour. The number of unions reporting varies from one period to another with consequent variations in the membership upon which the percentage of unemployment is based.

The annual percentages of membership unemployed represent averages of the percentages unemployed at the end of each quarter.

Unemployment in this tabulation refers only to involuntary idleness, due to economic causes. Persons who are without work because of illness, a strike, or a lockout, or who are engaged in work outside their own trade, are not considered unemployed.

Although trade union membership itself may be affected by conditions of employment over long periods, the percentages of trade union members unemployed are useful indicators of unemployment in the occupations covered. These data are supplementary to data on employment and unemployment of workers in the construction industry shown in Tables 35, 38 and 40.

TABLE 40.—NUMBER OF MALE WORKERS IN CONSTRUCTION TRADES APPLYING FOR UNEMPLOYMENT INSURANCE BENEFITS AND ESTABLISHING BENEFIT YEARS, CANADA, 1945—JUNE, 1949.

Data compiled by the Unemployment Insurance Statistics Section, D.B.S. The distribution of the total for January, 1948, was estimated by the Economic Research Department, C.M.H.C., based on partial data available from D.B.S.

A person who has made at least 180 days' contribution into the Unemployment Insurance Fund, during the two year period immediately preceding a claim for benefits establishes a benefit year. The series on the number of male workers in the construction industry applying for unemployment insurance benefits and establishing benefit years may be used as an index of unemployment supplementary to data shown in Tables 35, 38 and 39.

The chief limitations of the data in Table 40 as an index of unemployment are as follows: (1) coverage is confined to male workers in construction occupations who come under the terms of the Unemployment Insurance Act, 1941; to the end of 1947 these comprise employees on salary who earn less than \$2,400 annually, employees paid by the hour or by the day, and employees paid by the week unless they earn more than \$3,120 annually and apply for exemption from the Act; since January 1, 1948, salaried personnel earning less than \$3,120 have come under the Act; there are therefore a number of construction workers not covered in this tabulation: (2) not all unemployed workers have made 180 days' contributions prior to their period of unemployment; (3) a worker who is unemployed twice during a 12 month period does not as a rule establish a benefit year the second time; (4) the establishment of a benefit year does not give an indication of the duration of unemployment.

TABLE 41.—VOCATIONAL AND APPRENTICESHIP TRAINING IN CONSTRUCTION TRADES, BY NUMBER IN TRAINING, CANADA, 1947—JUNE, 1949.

Data compiled by the Vocational Training Branch, Department of Labour.

TABLE 42.—IMMIGRATION OF CONSTRUCTION WORKERS, BY TRADE, CANADA, 1945—JUNE, 1949.

Data compiled by the Economic Research Department, C.M.H.C., from data supplied by courtesy of D.B.S. and the Immigration Branch, Department of Mines and Resources.

TABLE 43.—EMIGRATION OF SKILLED CONSTRUCTION WORKERS, BY TRADE, CANADA, 1948—JULY, 1949.

This series shows the number of persons who applied to the Foreign Exchange Control Board for change of status from resident to non-resident with the intention of leaving the country permanently. The data cover skilled construction workers only, with no separate information available on semi-skilled and unskilled construction workers who are lumped with "general labour". The monthly figures are by "date of application" and there is usually a time lag of a month or two between this date and the actual date of departure of the emigrant. The series is currently in the process of being checked and developed further. As revised data become available, they will replace the preliminary series shown here. The data are supplied by courtesy of the Dominion Bureau of Statistics and the Foreign Exchange Control Board, the compilations being prepared by the Dominion Bureau of Statistics on the basis of information supplied by the Foreign Exchange Control Board.

TABLE 44.—STRIKES IN THE BUILDING INDUSTRY, CANADA, 1945—JULY, 1949.

Data obtained from monthly issues of *The Labour Gazette*, Department of Labour.

TABLE 45.—INDEXES OF WHOLESALE PRICES OF RESIDENTIAL BUILDING MATERIALS, AND COMPOSITE INDEX OF ALL CONSTRUCTION MATERIALS, CANADA, 1945—JUNE, 1949.

Composite index of wholesale prices of all construction materials obtained from issues of *Prices and Price Indexes*, D.B.S. Index is based on 111 items and is converted from a 1926 to a 1939 base.

Indexes of wholesale prices of residential building materials obtained from *Price Index Numbers of Residential Building Materials*, March, 1948, D.B.S. and from *Prices*

and Price Indexes, March, 1949, D.B.S. Indexes are converted from a 1935-1939 to a 1939 base. These indexes replace the series formerly published in previous issues of *Housing in Canada* on wholesale prices of construction materials in general. The composite index in this new series is weighted according to the value of each listed group of materials entering into residential construction, as estimated in *Manpower and Material Requirements for a Housing Programme in Canada*, Department of Reconstruction and Supply, Ottawa, 1946, pp. 60-67. Insofar as possible the price index for each group of materials is based on the component items shown in the above publication, and weighted accordingly. In some cases however, where the specific material components listed in the publication covered a wide variety of individual items, representative material items were chosen and weighted according to total production in Canada.

The trend of residential building material prices does not vary to a significant extent from the trend for construction materials in general over the period 1926-1949. At June, 1949, the index for residential materials stood at 222.9 on the 1939 base, or 1.5 points lower than the index for construction materials which was at 224.4 in June, 1949.

TABLE 46.—INDEXES OF AVERAGE HOURLY WAGE RATES IN CONSTRUCTION TRADES, CANADA, 1945—JUNE, 1949.

Data obtained from the Department of Labour.

Indexes for the individual trades other than sheet metal workers, obtained by courtesy of the Research and Statistics Branch for the years 1945-1946 and for the months of June, 1947, and September, 1948. Quarterly interpolations on these indexes for the years 1947 and 1948 were made on the basis of wage rate schedules for 16 cities supplied by courtesy of the Industrial Relations Branch. Each city in these calculations was weighted according to the number of housing unit completions in 1946. The weights used in calculating the index for all construction workers in these interpolations are based on the value of the on-site labour of each trade engaged in residential building as established in *The Labour Value of the Building Dollar*, Housing Administration, Department of Finance, Ottawa, 1943, p. 29. The indexes for 1945-1946 do not properly represent annual averages as they are based on surveys relating to pay periods which vary somewhat from year to year. Roughly speaking the indexes for 1945 relate to June and for 1946 to December. The impact of these variations is lessened by the fact that wage increases in the construction trades tend to concentrate in the second quarter of the year.

The index for sheet metal workers was calculated by the Economic Research Department, C.M.H.C., on the basis of rates for 16 cities obtained from annual issues of *Wages and Hours of Labour in Canada*, Department of Labour, for the years 1945-1946, and by courtesy of the Industrial Relations Branch for 1947, 1948 and 1949.

Yearly indexes for 1947 and 1948 were calculated by the Economic Research Department, C.M.H.C., as the average of the four quarters shown in each year. These yearly indexes do not correspond exactly with the yearly indexes calculated by the Research and Statistics Branch because the latter indexes refer for the most part to a June pay period in 1947 and a September pay period in 1948, whereas the yearly indexes in Table 46 represent annual averages.

The index for all construction workers, including holiday pay allowances represents the index for all construction workers plus a percentage allowance to cover holiday pay assessments effective in most cities in Canada.

TABLE 47.—COMPOSITE INDEX OF WAGE RATES IN THE CONSTRUCTION INDUSTRY WITH WHOLESALE PRICES OF RESIDENTIAL BUILDING MATERIALS, AND WITH WHOLESALE PRICES OF ALL CONSTRUCTION MATERIALS, WHOLESALE PRICE INDEX OF ALL COMMODITIES, AND INDEXES OF COST OF LIVING AND RENT, 1945—JULY, 1949.

Composite index of residential building material wholesale prices and wage rates in the construction trades based on the composite material index shown in Table 45 and the index of wage rates of all construction workers, including holiday pay allowances, shown in Table 46. Composite index of all construction material wholesale prices and wage rates in the construction trades based on the composite material index obtained from issues of *Prices and Price Indexes*, D.B.S., converted to a 1939 base,

and the index of wage rates of all construction workers, including holiday pay allowances, shown in Table 43. The weights are based on the proportions established in *Manpower and Material Requirements for a Housing Programme in Canada*, Department of Reconstruction and Supply, Ottawa, 1946, p. 36. The materials are weighted 58.3 in percentage terms, and the wage rates 41.7.

Remaining data obtained from issues of *Prices and Price Indexes*, D.B.S., and converted to a 1939 base.

TABLE 48.—PERCENTAGE DISTRIBUTION OF NEW COMPLETED HOUSING UNITS BY NUMBER OF MONTHS UNDER CONSTRUCTION, AND AVERAGE NUMBER OF MONTHS UNDER CONSTRUCTION, BY MONTH OF COMPLETION, CANADA, 1946—JULY, 1949.

Data for 1946 and 1947 obtained from *Annual Report*, 1947, C.M.H.C., p. 18. Data for 1948 and 1949 obtained from monthly issues of *Housing Bulletin*, D.B.S.

TABLE 49.—BANKRUPTCIES IN THE CONSTRUCTION INDUSTRY, BUILDING MATERIAL INDUSTRIES, AND IN ALL INDUSTRIES, CANADA, 1945—JUNE, 1949.

Tabulation based on data obtained by courtesy the Superintendent of Bankruptcy, Department of Justice. The data on bankruptcies in all industries do not correspond exactly with the series published in the D.B.S. quarterly *Commercial Failures*, chiefly because the latter publication includes closures under the Winding Up Act, whereas the series in Table 49 covers the Bankruptcy Act only. There is the additional factor that the D.B.S. series excludes certain assignments and receiving orders under the Bankruptcy Act where the debtor makes a composition of assets and continues in business, whereas all receiving orders and assignments are covered in Table 49.

The series on building material industries is designed to cover firms engaged in the production of: lumber, wallboard, bricks, flue linings, vitrified sewer pipe, structural tile, drain tile, cement, concrete brick, concrete building blocks, cement drain pipe and culvert tile, warm air furnaces, cast-iron radiators, hot water storage tanks, hot water tank heaters, domestic heating boilers, asphalt shingles, asphalt rolls, tar and asphalt felts, cast-iron soil pipe, sanitary ware, wrought iron pipes, lead pipe water service, structural steel, steel pipe, wire nails and spikes, rock wool insulation, gypsum wall-board, gypsum lath, gypsum plaster, gypsum block and tile, electrical equipment, and wood fibre insulating board.

The classification of bankruptcies in the construction industry, covers general and trade contractors and small builders classed as "wage earners in the construction trades".

TABLE 50.—INDEXES OF STOCK PRICES OF COMMON SHARES OF SIXTEEN BUILDING MATERIAL COMPANIES AND EIGHTY-TWO INDUSTRIAL COMPANIES, CANADA, 1945—JULY, 1949.

Data for period 1945-1946 obtained from *Prices and Price Indexes*, December, 1946, D.B.S.

Data for 1947-1949 obtained from monthly issues of *Prices and Price Indexes*, D.B.S.

- (1) Building materials index based on 16 stocks.
- (2) All industrial index based on 74 stocks during 1945-1947, 76 during 1948 and 82 during 1949.
- (3) Data converted from a 1935-1939 to a 1939 base.

INDEX OF CONTENTS

NOTE — *Page numbers in light type refer to subject matter in the Factual Summary, while those in heavier type refer to Tabular Material.*

	PAGE
Apprenticeship training, construction trades	17, 68
Approved priorities, building materials	12, 44
Armed service married quarters	11, 37
Bankruptcies:	
all industries	18, 76
building material industries	18, 76
construction industry	18, 76
Benefit years established construction industry	16, 67
Births	9, 21
Building costs:	
completion time	75
labour	18, 73
materials	18, 72
Building industry:	
common stock prices	18, 77
earnings	16, 73
strikes	17, 71
Building labour:	
apprenticeship training	17, 68
earnings	16, 73
emigration	17, 70
employment	16, 62
immigration	17, 69
strikes	17, 71
unemployment	16, 62, 67, 66
unfilled vacancies	16, 65
unplaced applicants	16, 65
vocational training	17, 68
Building materials:	
approved priorities	12, 44
costs	18, 72
companies, stock prices	18, 77
exports	15, 59
imports	15, 58
loadings on railway cars	16, 60
price indexes	18, 72
production	13, 49, 50
railway tons loaded	16, 60
sales	15, 55
stocks	15, 55
supply	15, 55
Building material industries:	
bankruptcies	18, 76
earnings	61
employment	16, 61
Building permits issued, residential	25
Canadian Farm Loan Act, 1927	11, 38
Commodity price indexes	74

	PAGE
Common stock prices	18, 77
Completions, housing units	9, 23
Completion time	75
Construction industry:	
apprenticeship training	17, 68
bankruptcies	18, 76
benefit years established	16, 67
earnings	18, 73
employment	16, 62
financial statistics	18, 77
unemployment	16, 62, 66, 67
unemployment, trade unions	16, 66
unfilled vacancies	16, 65
unplaced applicants	16, 65
vocational training	17, 68
Construction material indexes	18, 72
Contracts awarded, residential	26
Costs, building	17, 45-48
Cost of living index	74
Deaths	9, 21
Direct Federal Government Housing	9, 27
Double Depreciation, rental housing projects	12, 43
Earnings:	
building industries	18, 64
building material industries	61
Emigration, building labour	17, 70
Employment:	
all industries	62
building industry	16, 62, 63
building material industries	61
construction industry	16, 62
non-agricultural industries	16, 62
Exports, building materials	15, 59
Family formation	9, 21
Farm Housing:	
Canadian Farm Loan Act, 1927	11, 38
Farm Improvement Loans Act, 1944	12, 39
Veterans' Land Act, 1942	11, 35, 36
Farm Improvement Loans Act, 1944	12, 39
Farm Loan Act, 1927	11, 38
Federal Government Housing	9, 27
Financial statistics, 16 construction companies	18, 77
Government assisted housing	9, 27
Gross loans, N.H.A., 1944	10, 46, 47
Home Extension Loan Guarantees, N.H.A., 1944	10, 31
Home-ownership loans	10, 29
House-building activity:	
completions	9, 23, 24
privately initiated	9, 27
publicly assisted	9, 27
starts	9, 23, 24
under construction	9, 23, 24

	PAGE
Housing Corporation, Province of Ontario	13, 45
Housing units:	
completions	9, 23, 24
privately initiated	9, 27
publicly assisted	9, 27
starts	9, 23, 24
under construction	9, 23, 24
Immigration:	
building labour	17, 69
total	9, 22
Imports, building materials	15, 58
Improvement Loans Act, Farm, 1944	12, 39
Indexes:	
all commodity prices	74
all construction materials	18, 72
common stock prices	18, 77
composite, ail construction material prices and wage rates	18, 74
composite, residential building material prices and wage rates	17, 74
cost of living	74
employment, building industry	16, 62, 63
employment, non-agricultural industries	16, 62
rent	74
residential building material prices	18, 72
wage rates, construction workers	18, 73
Institutional mortgage lending	13, 46, 47
Insurance, unemployment benefit years established	16, 67
Integrated housing loans	10, 29
Labour:	
apprenticeship training	17, 68
costs	18, 73
earnings	16, 73
emigration, building labour	17, 70
immigration, building labour	17, 69
market	16
strikes	17, 71
unemployment	16, 62, 66, 67
unfilled vacancies	16, 65
unplaced applicants	16, 65
vocational training	17, 68
Lending institutions, rental housing	13, 46, 47
Loadings, building materials on railway cars	16, 60
Loans:	
gross under N.H.A., 1944	10, 46, 47
home extension guarantees	10, 31
home ownership	10, 29
integrated housing	10, 29
rental housing	10, 41, 42
Management, rental housing	12, 40
Marriages	9, 21
Married quarters, armed services	11, 37
Mortgage loans:	
Housing Corporation, Province of Ontario	13, 45
Lending institutions	13, 46, 47
National Housing Act, 1944	10, 46, 47

National Housing Act, 1944:	
gross loans	10, 28
home extension loans	10, 31
integrated housing	10, 29
loans for home-ownership	10, 29
loans for rental purposes	10, 41, 42
Non-agricultural industries, employment	16, 62
Permits issued, residential building	9, 25
Population trends:	
births	9, 21
deaths	9, 21
family formation	9, 21
immigration	9, 22
marriages	9, 21
Prices, common stock	18, 77
Price indexes, construction materials	18, 72
Priority assistance, building materials	12, 44
Privately-initiated housing	9, 27
Production of building materials	13, 49, 50
Property management, C.M.H.C.	12, 40
Province of Ontario Housing Corporation	13, 45
Publicly-assisted house-building	9, 27
Railway tons loaded, building materials	16, 60
Real estate lending	13, 26, 27
Rental housing:	
armed service married quarters	11, 37
double depreciation	12, 43
lending institutions	13, 46, 47
management under C.M.H.C.	12, 40
National Housing Act, 1944	10, 41, 42
rental insurance projects	12, 41, 42
veterans' housing projects	11, 32
Rent indexes	74
Rental insurance projects	12, 41, 42
Residential building materials, wholesale prices	18, 72
Residential building permits issued	9, 25
Residential contracts awarded	74
Sales, building materials	15, 55
Stocks, building materials	15, 55
Stock prices, common	18, 77
Starts of housing units	9, 23
Strikes, building industry	17, 71
Supply, building materials	15, 55
Trade unions, unemployment	16, 66
Training, vocational in building trades	17, 68
Under construction, housing	9, 23
Unemployment:	
all industries	62
construction industry	16, 66
non-agricultural industries	16, 62
trade unions, building trades	16, 66
Unfilled vacancies, construction industry	16, 65
Unplaced applicants, construction industry	16, 65
Vacancies, construction industry	16, 65
Veterans' Land Act, 1942	11, 35, 36
Veterans' Rental Housing projects	11, 32

Vocational training, building trades.....	17, 68
Wage rates:	
building industry.....	16, 73
building material industries.....	61
Wholesale price indexes:	
all commodities.....	74
construction materials.....	18, 72
residential building materials.....	18, 72