# NATIONAL ACCOUNTS INCOME AND EXPENDITURE SECOND QUARTER 

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## 1959

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 HE PAS PilatePublished by Authority of<br>The Honourable Gordon Churchill, Minister of Trade and Commerce

GROSS NATIONAL PRODUCT SHOWED A FURTHER SUBSTANTIAL GAIN IN THE SECOND QUARTER
billions of dollars


STOCK - PILING OF BUSINESS INVENTORIES continued, but at a reduced rate
billions of dollars


BUSINESS OUTLAYS FOR PLANT AND
EQUIPMENT TURNED UPWARD AFTER
AN EXTENDED PERIOD OF DECLINE
billions of dollars


CONSUMER EXPENDITURES SHOWED A SMALL ADVANCE, BUT OUTLAYS FOR NEW HOUSING CONTINUED TO DECLINE
billions of dollars

(IN ALL CHARTS DATA ARE SEASONALLY ADJUSTED AT ANNUAL RATES)

## INIRODUCTORY REVIEW

(This report incorporates revisions to quarterly data for the years 1955-1958, in line with the annual revisions published earlier in "National Accounts, Income and Expenditure, 1958").

Gross National Product continued to advance in the second quarter of 1959 , and was at a seasonally adjusted annual rate of $\$ 34.7$ billion, a gain of 2 per cent over the level of the first quarter. This most recent advance continues the upswing which was showing increasing vigour in the closing months of 1958, and has brought the Gross National Product in the second quarter of this year to a level some 7 per cent above the same quarter one year earlier. As in the preceding quarter, the second quarter gain in Gross National Product was represented largely by an increase in the physical volume of goods and services produced; however, $f$ inal product prices were fractionally higher during the quarter.

Business outlays for new plant and equipment made an important contribution to the rise in Gross National Product during the second quarter. Both nonresidential construction and investment in new machinery and equipment rose above the first quarter by 5 per cent, on a seasonally adjusted basis. This was the first significant increase in business capital expenditures since the two-year decline which began in the early part of 1957. (See chart at left.) The reversal in trend in this important component of final demand represents a new expansionary element in the current business upswing. Partly as a result of special factors, exports of goods and services, which were down in the first quarter, rose sharply in the second quarter, accounting for more than half of the rise in total Gross National Expenditure. The gain in exports was fairly widespread and reflected rising demands of the United States economy for Canadian export goods, especially in the wood and metal products groups. Personal and government expenditures on goods and services continued to rise in the quarter, but the advance in consumer spending was very modest, amounting to only about 1 per cent. Outlays for new housing fell further, continuing the first quarter decline, while the rate of business inventory accumation moderated from the high level recorded in the first quarter.

Over the course of the past year, reversals in trend have occurred in a number of major categories of demand, and the pattern of the nation's total expenditure has shown a marked change. Business inventories have swmg around from a position of heavy Ifquidation in the second quarter of 1958, to one of net accumulation; the turn-around here has been the equivalent of about $\$ 0.6$ biliion in terms of now demands on production. The downward drift in business capitel expenditure for new plant and equipment which was moderating in the latter part of 1958, has bean reversed, and outlays by the business sector are now providing a positive stimolus to the rise in final demand. Both non-residential construction and machinery and equipment outlays are, of course, still far below the very high levels
reached at the peak of the capital investment boom in 1957; but machinery and equipment outlays in the second quarter were running 10 per cent above year-ago levels, while non-residential construction outlays were only a little below the second quarter of last year. Recovery in the general pace of business activity has been accompanied, as in the past, by a reversal in the trend of imports; after declining by 10 per cent from early in 1957 to a low point in early 1958, imports of goods and services have turned sharply upward in the past twelve months, and are now rumning 9 per cent above year-ago levels. Outlays for new housing, which rose by 40 per cent from the first quarter of 1957 to the end of 1958 and provided a strong sustaining force throughout the recession period, have now been moving downard for two quarters. These reversals in trend in major categories of Gross National Expenditure during the past twelve months have produced a pattern in the over-the-year comparisons 1958 to 1959 which differs sharply from that of the preceding 12-month period. The following table provides some perspective of the nature and magnitude of these shifts in the nation's spending pattern:-

|  | $\begin{gathered} \text { Change, } \\ 2 Q 1957 \\ \text { to } \\ 2 Q 1958 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Change, } \\ & \text { 2Q } 1958 \\ & \text { to } \\ & 2 Q 1959 \\ & \hline \end{aligned}$ | Annual Averages 6 mos. 1959 Compared With Full Year, 1958 |
| :---: | :---: | :---: | :---: |
|  | \% | \% | \% |
| Personal Expenditure. | 4.36 | 6.6\% | 4.8\% |
| Government Expenditure....... | 7.5\% | 7.2\% | 5.7\% |
| Residential Construction... | 27.3\% | -6.9\% | -6.2\% |
| Non-Residential Construction. | -8. 18 | -0.4\% | -0.6\% |
| Machinery and Equipment...... | -22.8\% | 9.9\% | 4.0\% |
| Exports. | 1.6\% | 5.7\% | 3.3\% |
| Total Final Demand... | 2.1\% | 5.6\% | 3.8\% |
| Inventories..................... <br> (Business Only). | $(\$ 0.9 \text { b. }$ | $\left(\begin{array}{ll} +0.7 & \mathrm{~b}_{0} \\ \\ (+0.6 & \mathrm{b}_{0} \end{array}\right)$ | $\left(\begin{array}{ll} \$+0.7 & b_{0} \\ (\$+0.6 & b_{0} \end{array}\right)$ |
| Imports............. | -8.5\% | 9.3\% | 6.2\% |
| Gross National Product... | $1.7 \%$ | 7.5\% | 5.7\% |
| GNP - 1949 Constant Dollars.. | -0.7\% | 5.5\% | n.a. |
| Price Component of G.N.P..... | 2.48 | 1.9\% | n.a. |

The flow of income to the personal, business, and government sectors during the past twelve months has also been marked by changes in the trend of important income components, and by shifts in the compositional pattern of the income aggregates. There has been a sharp change in the composition of personal income as between the proportion derived from productive activity (notably wages and salaries), and the proportion arising through transfer payments from govermment. From the second quarter of 1957 to the second quarter of 1958 , transfer payments accounted for more than 49 per cent of the rise in total personal income. However, between the second quarter of 1958 and the second quarter of 1959, transfer payments accounted for only $l l$ per cent of the rise in total personal income, with the remainder of the increase coming from gains in those income components which are linked directly to productive activity. Labour income, for example, has show an over-the-year gain of 8 per cent in 1959, compared with a much smaller gain of less than 3 per cent in the preceding 12-month period. Turning to the business sector, corporation profits have shown a sharp reversal in trend during the past twelve months; having declined steadily from a peak early in 1956, they turned sharply upward in the third and fourth quarters of

1958, and have shown little change in either direction in the first half of 1959. In the second quarter of this year they were munning 23 per cent above year-ago levels, compared with a decline of 14 per cent, in the same comparison made one year earlier. The sharp rise in profits during the past year, and the lesser role of transfer payments as a component of personal income, has altered the relationship between national income and personal income. Whereas a year ago, personal income was rising at a much more rapid rate than national income, in the current period personal income has lagged slightly behind the advance in national income.
$\left.\begin{array}{ccccc}\begin{array}{c}\text { Selected Personal and } \\ \text { Business Income } \\ \text { Components }\end{array} & \begin{array}{c}\text { Change, } \\ 2 Q .1957\end{array} & & \begin{array}{c}\text { Change, } \\ 2 Q 1958\end{array} & \end{array} \begin{array}{c}\text { Annual Averages } \\ \text { to mos. 1959 } \\ \text { Compared With }\end{array}\right)$

Selected Government Revenues
(Al Levels of Government)


One of the striking developments of the current period of expension has been the sharp recovery in the flow of tax revenues to the government sector. From the second quarter of 1957 through to the second quarter of 1958 , the decline in tax revenues from the three major tax sources amounted to almost 7 per cent, for all levels of government combined. From the second quarter of 1958 through to the second quarter of 1959, the rise in revenues from these three sources has amounted to about 16 per cent, reflecting the recovery in profits, higher employment and earnings, a higher level of imports, sales and shipments, and increases in tax rates. About three-fourths of the rise in revenues during the past twelve months represents higher revenues collected by, or accruing to the Federal government.

## Production and Employment

Unlike the first quarter when a large part of the rise in production was concentrated in mining and durable manufacturing, the expansion in output in the second quarter (seasonally adjusted), was registered on a broad front. As in the past, support continued to come from the service industries but the major part of the over-all gain in real output originated in the goods-producing industries. Output in construction rose fractionally, reflecting the increase in non-residential construction.

Although the changes in production in the individual manufacturing industries were quite varied, both durables and non-durables recorded gains in excess of 2 per
cent. Small losses were recorded in tobacco products, products of petroleum and coal, chemicals, transportation equipment and electrical apparatus and supplies. Advances in production ranging from 2 to 9 per cent occurred in the food, rubber, wood products, paper products, printing and publishing, iron and steel, textiles, clothing, beverages, leather and non-ferrous metals industries.

Trends in output of the various metals and minerals were extremely mixed, making for a rate of increase in mining output as a whole which was small compared with that of the first quarter when the settlement of industrial disputes contributed to a substantial increase. Production in forestry continued to rise moderately.

The increase in real output in the first half of the year compared with the first half of 1958 amounted to 5 per cent, with the goods-producing industries and the service-producing industries showing about the same rate of gain. Output in construction was lower, but all other industries increased their output. Among the gains recorded are 6 per cent in trade, 9 per cent in forestry, and 7 per cent in both mining and manufacturing.

The 5 per cent advance in the physical volume of goods and services produced in the first half of 1959 was accompanied by a rise in emplovment amounting to about 2.5 per cent. Thus, production has risen at about twice the rate of employment over the course of the past year. A significant advance in output per worker is not unusual in the early stages of an expansion, and a similar development has characterized the recovery in the United States. This same phenomenon was noted in Canada in the early phases of the 1954-1955 recovery.

The survey of establishments, while not comprehensive in coverage as is the Labour Force Survey, provides some interesting detail on the changes in emplojment by industry between the two years. Compared with the same period a year ago, in the first six months of 1959 the industrial composite index was higher by close to 1 per cent, the changes in both directions being small in all the industrial divisions. Trade, finance, insurance and real estate, and the service group show gains In employment of around 2 per cent, as does the non-durable segment of manufacturing. Employment in durable manufacturing and transportation, conmunication and storage was down about 1 per cent while employment in mining shows the largest change of all, a decline of 3 per cent. In spite of the extent of the improvement in the employment situation, by June of this ycar, the mining and manufacturing indexes, seasonally adjusted, had not regained their pre-recession levels.

On a seasonally adjusted basis, the rise in employment from the first to second quarter of this year amounted to about 1 per cent, still somewhat short of the rise in output. The number of persons without jobs and seeking work continued to show a more than seasonal decline.

## Gross Fixed Capital Formation

Renewed expansion in business expenditures on plant and equipment gave an impetus to economic activity in the second quarter. Rising to a seasonally adjusted annual rate of $\$ 5,344$ million, they were 5 per cent higher than in the first quarter; both components showed about the same rate of increase. The expansion in outlays for machinery and equipment coincided with and was supported by a rise in imports. Outlays for non-residential construction and for machinery and equipment, particularly the latter, were still far short of the levels reached during the investment boom of 1957.

The over-all rise in expenditures on fixed investment was dampened by a further drop in outlays for housing. Housing starts continued to decline from the record rate of 1958 and outlays in the second quarter were 4 per cent below those of the first quarter and 8 per cent below the 1958 average. 1 /

While expenditures on gross fixed capital formation in the first half of 1959 were alnost at the level of the same period a year earlier, the composition of the total had changed appreciably. The upswing in outlays for machinery and equipment had raised this component 4 per cent; both residential construction and nonresidential construction were running 2 to 3 per cent lower.

The mid-year survey of investment intentions provided evidence of an improvement in the state of business confidence. Where investment plans had been revised, revisions for the most part were in an upward direction and more new projects were being initiated than had been the case a year earlier. Recent figures on employment, value of industrial and comercial building permits, and new orders and shipments all point to renewed strength in the business investment sector.

## Change in Business Inventories

The trend toward restocking of business inventories, which began in the closing quarter of 1958, continued in the second quarter of 1959. However, the rate of accumalation was considerably lower than in the first quarter, largely as a resuit of the behaviour of stocks of automobiles; sales of motor vehicle dealers kept


1. In 1959, a new sample survey of housing starts and completions was instituted in areas outside the centres of 5,000 population and over. It is possible that the docline indicated in the present value figures may be somewhat over-stated because of the change to the new sample survey.
2. 

pace with deliveries in contrast to a substantial accumulation of stocks in the first quarter. Manufacturers' shipments and wholesalers' sales both rose in the second quarter, and the further brild-up of stocks in these incustries presumably reflects an effort by businessmen to maintair appropriate stock sales ratios. However, stocks sales ratios continued to decline in the second quarter in manuecturing and in retail trade but remained uncharged in wholesale trade.

Manufacturers' inventories continued to accumlete in the second quarter but at a lower rate. The kuilci-up was the result of small but widespread increases in the durable goods industries. In the non-durable lines manufacturens on balance liquidated stocks, the most pronounced licuidation being in the leather, paper products and clothing industries.

Retailers' inventories remined much the same in the second quarter, after heving been built up substantially in the first. This development was mainly the result of the movement of stocks of motor vehicle dealers mentioned earlier.

The heariest accumlation occurred in the hands of wholesale traders whose stocks, particularly in constmuction and building materials and in industrial machinery and comercial equipment, showed substantial gains. The accumulations occurring in the above-mentioned durable groups reflect a combination of the higher level of investment in machinery and equipment, sharp increases in imports and the possibility of an interruption in supplies of steel from the United States.

## Epports and Imports of Goods and Services

Exports of goods and services, seasonally adjusted, rose by $61 / 2$ per cent in the second quarter; while this is one of the largest quarter-to-quarter gains in several years, it reflects an exceptionally high level of commodity exports in the

month of June. Advances were recorded in both the merchandise and service items in the second quarter. Within the merchandise total, increases were fairly general among commodity groups, with the most pronounced gains occurring in wood and wood products, non-ferrous metals, and animal products, when seasonal factors are taken into account. Conmodity exports to the United States were at an all-time record.

In the first half of this year, merchandise exports have averaged about 2 per cent above the same period one year ago. Gains in some conmodity groups have been partially offset by losses in others. The increases were concentrated in such minerals as uranium, iron ore and asbestos, in such forest products as lumber, woodpulp, plywood and veneer, and in farm machinery. The declines have occurred in such farm products as wheat and other grains, in such metals and mineral products as nickel, copper and petroleum, and in aircraft and some chemicals. In 1958, exports of wheat and military afrcraft in particular had been unusually high by reason of government loans and foreign contracts. The first half-year comparison shows a sharp recovery in shipments to the United States offsetting a decline in sales to most major overseas markets.

Imports of goods and services, seasonally adjusted, continued to rise in the second quarter, advancing by $21 / 2$ per cent from the first quarter and attaining the highest level since the first quarter of 1957. All of the increase is attributable to the merchandise items.

Merchandise imports were nearly 4 per cent above the first quarter, on a seasonally adjusted basis, with the increases fairly general among the commodity groups. However, much the largest gain occurred in iron and its products, reflecting not only the rising tempo of economic activity in Canada, but also some stockpiling of steel in anticipation of a work stoppage in the United States.

In the first half of 1959 , merchandise imports have been running 10 per cent above the levels of the same period one year ago. The increases have again been fairly widespread among industrial materials, consumer goods, and some types of industrial equipment. Gains in automobiles, farm implements, and machinery and metal products have been prominent among the year-to-year increases.

While the unusually sharp advance in exports of goods and services brought some narroring of the deficit on current international account in the second quarter, for the first half of 1959, the deficit has averaged more than one-third higher than in the same period a year ago.

## Personal Income and Saving

The flow of income to the personal sector continued upward in the second quarter, rising by 2 per cent, on a seasonally adjusted basis. All components showed gains over the first quarter, with the exception of interest, dividends, and net rental income of persons, where a drop in dividend payments brought about a slisht decline in the aggregate. The gain in net income received by farm operators reflected in large part higher adjustment payments to farmers by the Canadian wheat Board. The increase in transfer payments from government reflected higher payments by the provinces to hospitals under the new national hospital insurance scheme. The rise in labour income, the major component of personal income, was substantial, though smaller than in the first quarter; developments in this component of income are discussed in a later section.

In the first tivo quarters of this year, disposable income has advanced less rapidly than personal income, as payments of direct personal taxes have risen sharply and have absorbed an increasing share of the income flow. At the same tire, how ever, the rise in consumer spendirg has fallen short of the rise in disposable income, ard the rate of personal saving has continued to advance. In the first half of 1959, personal saving has averaged 7.5 per cent of disposable income, compared with 7.4 per cent in the first half of the year 1958 , and 7.0 per cent for the year 1958 as a whole.

## Labour Income

Labour income, seasonally adjusted, advanced a further 1 1/2 per cent in the second quarter. The rate of increase was small compared with the first quarter when the cyclical upward trend in the wage-bill, reinforced by such special factors as the termination of industrial disputes and retroactive payments to non-operating employees of the railways, made for the largest quarter-to-quarter gain in several years. Whether measured by the comprehensive labour force survey or the more restricted industrial composite index, emplomment increased by about 1 per cent between the two quarters, on a seasonally adjusted basis. Thus the gain in labour income continues to reflect some advance in average earnings.

In the second quarter, trends in labour income in the individual industries coincided fairly closely with the trend of labour incoine as a whole, in contrast to several recent quarters of conflicting and divergent movements. There were gains of 1 to 2 per cent in all industries except forestry and transportation, communication and storage. Labour income in forestry was uncharged and it declined moderately in transportation, communication and storage, reflecting the retroactive wage increase which had swollen first quarter eamings in that industry.

By comparison with the first half of 1958, labour income in the same period of this year advanced 8 per cent. The gains were fairly substantial in almost all industries. Mining is an important exception; as a result of the lower level of employment the wage-bill in this industry showed little change from a year earlier. Labour income in manufacturing was higher by 5 per cent, reflecting a slight gain in employment, some increase in hours of work and higher average earnings. Relatively large gains occurred in the service industries.

## Personal Expenditure on Consumer Goods and Services

Personal expenditure on consumer goods and services showed a modest gain in the second quarter, advancing by about 1 per cent over the level of the first quarter, on a seasonally adjusted basis. Since consumer prices on the whole were unchanged, this increase represents an equivalent gain in real consumption.

Most of the advance in personal spending is attributable to durables which were up about 2 per cent, that is, much the same rate of increase as in the first quarter. Almost all categories of durables recorded small gains.

Purchases of non-durables rose rather less than 1 per cent, reflecting mixed and largely offsetting changes in the various groups; tobacco and alcoholic beverages and footwear were the principal items where purchasing increased, and fuel and clothing the principal items where declines were registered.

Expenditure on services in the second quarter was virtually unchanged. This stability reflected a large decline in net expenditures abroad offsetting gains in other service items.

By comparison with the first half of 1958, the first half of 1959 shows a distinct shift in the pattern of consumer spending. The rate of increase in purchases of durables ( $111 / 2$ per cent), is large relative to the $61 / 2$ per cent increase in total spending. Purchases of automobiles account for the major part of the increase in durables. Spending for services rose nearly 8 per cent, but spending on non-durables was only $41 / 2$ per cent higher. The major categories such as food, clothing and tobacco and alcoholic beverages show rates of increase that range from 3 to $51 / 2$ per cent.

In the first half of 1959 , total per capita consumption in real terms was close to 3 per cent higher than in the same period of 1958; real per capita consumption of durables was higher by 5 per cent and on non-durables and services rather more than 2 per cent.

## Corporation Profits and Other Investment Income

In the second quarter of 1959, as in the first, corporate profits, seasonally adjusted, showed very little change from the high level reached at the end of 1958. Most manufacturing industries earned larger profits, the most pronounced gains being in iron and steel and in wood, paper, printing, and publishing and allied industries. Two groups of industries -- mining, quarrying and oil wells, and transportation, comunication and storage -- both reported hisher capital cost allowances with the result that their net profits were down substantially. In other industries, changes in profits were mixed and offsetting.

In the first half of 1959, corporation profits have been running at a level about 22 per cent above the same period a year ago. The stepped-up pace of economic activity has brought about a striking rise in profits in almost all industries, including manufacturing, 21 per cent; mining, quarrying and oil wells, 32 per cent; wholesale trade, 32 per cent; retail trade, 8 per cent. The level of corporation profits in the second quarter, at a seasonally adjusted annual rate of $\$ 2.8$ billion, was not far below the peak of $\$ 2.9$ billion reached in the first half of 1956 .

Rents, interest, and miscellaneous investment income, seasonally adjusted, rose by about 2 per cent in the second quarter, reflecting advances in rental incomes and in the trading profits of govemment business enterprises. In the first half of 1959, this component of national income has been running about 12 per cent above the level of the previous year.

|  | I | II | 1954 | IV | Yoos |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Wages, Salaries, and Supplementary Labour Income ..... | 2,965 | 3,076 | 3,201 | 3,190 | 12,432 |
| 2. Milltary Pay and Allowances ........................... | 83 | 92 | 95 | 97 | 367 |
| 3. Corporation Prolits before Tares ${ }^{1}$. | 411 | 538 | 563 | 451 | 1,963 |
| 4. Rent, Interest, and L゙1scellaneous Investment Income .. | 345 | 351 | 398 | 417 | 1,511 |
| 5. Accrued Net Income of Farm Operators from Farm Production ${ }^{2}$ | 40 | 111 | 735 | 131 | 1,017 |
| 6. Net Income of Non-Farm Unincorporated Business 3 .... | 329 | 423 | 427 | 477 | 1,656 |
| 7. Inventory Valuation Adjustment ${ }^{\text {2 }}$........................... | 38 | 15 | 27 | 6 | 1,86 |
| B. NET NATIONAL INCOLIE AT FACTOR COST ...................... | 4,211 | 4,606 | 5,446 | 4,769 | 19,032 |
| 9. Indirect Taxes less Subsidies .......................... | 724 | 741 | 734 | 748 | 2,947 |
| 10. Capital Consumption Allowances and Miscellaneous <br> Valuation Adjustments | 671 | 732 | 734 | 768 |  |
| 11. Residual Error of Estimate ................................................ | -80 | 3 | 25 | 39 | -13 |
| 12. CROSS NATIONAL PRODUCT AT MARKET PRICES | 5,526 | 6,082 | 6,939 | 6,324 | 24,871 |
| 13. (Gross National Product at Market Prices excluding Accrued Net Income of Faxm Operators) | $(5,486)$ | $(5,971)$ | (6,204) | $(6,193)$ | $(23,854)$ |


|  | 1957 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Yeas |
| 1. Wages, Salaries, and Supplementery Labour Income ..... | 3,782 | 4,004 | 4,174 | 4,036 | 15,996 |
| 2. Military Pay and Allovances ............................. | 108 | 116 | 131 | 121 | 476 |
| 3. Corporation Profits before Taxes ${ }^{1}$ | 559 | 754 | 700 | 534 | 2,547 |
| 4. Rent, Interest, and Miscellaneous Investment Income .. | 469 | 465 | 483 | 488 | 1,905 |
| 5. Accrued Net Income of Farm Operators from Farm Production ${ }^{2}$ | 1 | 86 | 784 | 125 | 996 |
| 6. Net Incone of Non-Farm Unincorporated Business 3 .... | 425 | 519 | 524 | 543 | 2,011 |
| 7. Inventory Valuation Adjustment ${ }^{\text {4 }}$. ........................... | -39 | -26 | -9 | 3 | -71 |
| 8. NET NATIONAL INCOME AT FACIOR COST | 5,1305 | 5,918 | 6,787 | 5,850 | 23,860 |
| 9. Indirect Taxes less Subsidies ........................... | 962 | 972 | 976 | 938 | 3,848 |
| 10. Capital Consumption Allowances and Miscellaneous <br> Valuation Ad justments | 960 | 1.021 | 1,011 | 1,002 | 3,994 |
| 11. Residual Error of Estimate ................................ | -80 | -81 | 80 | -152 | 71 |
| 12. CROSS NATIONAL PRODVCT AT MARKEI PRICES ................ | 7,147 | 7,830 | 8,854 | 7,942 | 31,773 |
| 13. (Gross National Product at larket Prices exoluding Accrued Net Income of Fam Operators) | $(7,146)$ | $(7,744)$ | $(8,070)$ | $(7,817)$ | $(30,777)$ |

1. Excludes dividends peid to non-residente.
2. Includes change in farm inventorios as shown in line 11, Table A. An adjustment has been made to take account of the accrued earnings of farm operatore arising out of the operations of ths Canadian Wheat Board.
3. Includes net income of independent professional practitioners.
4. See footmote 3, Table 2.

GROSS NATIONAL PRODUCT, BY QUARTERS, 1954-1959
of dollars

| 1955 |  |  |  |  | 1956 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year | I | II | III | IV | Yoar |  |
| 3,086 | 3,261 | 3,429 | 3,447 | 13,223 | 3,402 | 3,679 | 3,906 | 3,903 | 14,890 | 1. |
| 92 | 100 | 101 | 101 | 394 | 93 | 106 | 113 | 112 | 424 | 2. |
| 444 | 699 | 776 | 651 | 2,570 | 611 | 836 | 798 | 663 | 2,908 | 3. |
| 396 | 417 | 425 | 446 | 1,684 | 422 | 440 | 439 | 466 | 1,767 | 4. |
| -5 | 144 | 1,035 | 90 | 1,264 | -18 | 119 | 1,202 | 147 | 1,450 | 5. |
| 357 | 462 | 471 | 501 | 1,791 | 397 | 510 | 511 | 547 | 1,965 | 6. |
| -38 | -34 | -55 | -62 | -189 | -48 | -89 | -50 | -51 | -238 | 7. |
| 4,332 | 5,049 | 6,182 | 5,174 | 20,737 | 4,859 | 5,601 | 6,919 | 5,787 | 23,166 | 8. |
| 755 | 800 | 831 | 851 | 3,237 | 865 | 916 | 923 | 932 | 3,636 | 9. |
| 754 | 818 | 835 | 859 | 3,266 | 827 | 908 | 946 | 961 | 3,642 | 10. |
| -35 | -63 | -35 | 25 | -108 | 13 | -98 | 38 | 188 | 141 | 11. |
| 5,806 | 6,604 | 7,813 | 6,909 | 27,132 | 6,564 | 7,327 | 8,826 | 7,868 | 30,585 | 12. |
| $(5,811)$ | $(6,460)$ | $(6,778)$ | $(6,819)$ | $(25,868)$ | $(6,582)$ | $(7,208)$ | $(7,624)$ | $(7,721)$ | $(29,135)$ | 13. |


| 1958 |  |  |  |  | 1959 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | II | III | IV | Year | 1 | II |  |
| 3,864 | 4,104 | 4,252 | 4,214 | 16,434 | 4,170 | 4,439 | 1. |
| 117 | 126 | 125 | 123 | 491 | 118 | 129 | 2. |
| 462 | 662 | 685 | 666 | 2,475 | 573 | 813 | 3. |
| 465 | 473 | 533 | 555 | 2,026 | 525 | 521 | 4. |
| 10 | 133 | 877 | 137 | 1,157 | 11 | 166 | 5. |
| 431 | 533 | 551 | 604 | 2,119 | 457 | 548 | 6. |
| -18 | 10 | 16 | -37 | -29 | -30 | -36 | 7. |
| 5.331 | 6,041 | 7,039 | 6,262 | 24,673 | 5,824 | 6,580 | 8. |
| 944 | 962 | 963 | 989 | 3,858 | 991 | 1,049 | 9. |
|  | 1,002 | 979 | 987 | 3,923 | 963 | 1,075 | 10. |
| -141 | -40 | 120 | 116 | 55 | $-138$ | -139 | 11. |
| 7,089 | 7,965 | 9,101 | 8,354 | 32,509 | 7,640 | 8,565 | 12. |
| $(7,079)$ | $(7,832)$ | $(8,224)$ | $(8,217)$ | $(31,352)$ | $(7,629)$ | $(8,399)$ | 13. |



|  | 1957 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year |
| 1. Personal Expenditure on Consumer Coods and Services.. | 4,566 | 4,983 | 4,949 | 5,466 | 19,964 |
| 2. Covernment Expenditure on Goods and Services 1,4...... | 1,277 | 1,345 | 1,639 | 1,477 | 5,738 |
| 3. Pusineas Gross Flxed Capital Formation ${ }^{2}$............... | 1,542 | 1,994 | 2,002 | 1,797 | 7,335 |
| 4. New Residential Construction ......................... | 248 | 359 | 393 | 409 | 1,409 |
| 5. New Non-Residential Construction | 579 | 775 | 946 | 803 | 3,103 |
| 6. New Maohinery and Equipment ........ | 715 | 860 | 663 | 585 | 2,823 |
| 7. Value of Phyeical Change in Inventories ${ }^{3}$.............. | 107 | -32 | 541 | -406 | 210 |
| 8. Non-Farm Business Inventories .......................... | 360 | 46 | -8 | -87 | 311 |
| 9. Farn Inventories and Grain in Commercial Channels.. | -253 | -78 | 549 | -319 | -101 |
| 10. Sxports of Goods and Services ................................ | 1,412 | 1,579 | 1,767 | 1,636 | 6,394 |
| 11. Deduct: Imports of Goods and Serrices ................. | -1,837 | -2,119 | -1,964 | -1,876 | -7,796 |
| 12. Residual Error of Estimate ................................. | 80 | 80 | -80 | -152 | -72 |
| 13. GROSS NATIONAL ESXPNDITURE AT MARKEI PRIGES ........... | 7.147 | 7.830 | 8,854 | 7,942 | 31,773 |

1. Includes outlays on new durable assets such as building and highway construction by governments, other than government business enterprises. Also includes net purchases of government commodity agencies.
2. Includes capital expenditures by privete and government business enterprises, private not-commercial institutions, and outlays on new residential construction by individuals and business investors.
3. The book value of inventories is derlated to remove the effect of price changes and the derived "physical" ohange is then valued at average prices of the current period to obtain the value of physical ohange. The differeno between this value of physical change and the change in book value is called the inventory valuation ad fustment. (See line 7. Table 1).
4. Includes defence expendstures of:

| 1954 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | I6ar |
| 588 | 360 | 399 | 440 | 1,727 |


| 1955 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| I | II | III | IV | Yeax |
| 520 | 391 | 414 | 435 | 1.760 |


| 1956 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year |
| 491 | 394 | 448 | 469 | 1.802 |

## EXPYNDITURE, BX QUAFTTERS, 1954-1959 <br> of dollars)

| 1955 |  |  |  |  | 1956 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | II | III | IV | Year | 1 | II | III | IV | Yaar |  |
| 3,886 | 4,379 | 4,283 | 4,841 | 17,389 | 4,255 | 4,681 | 4,643 | 5,254 |  |  |
| 1,203 | 1,062 | 1,306 | 1,221 | 4,792 | 1,227 | 1,186 | 1,548 | 1,425 | 18,838 | 2. |
| 973 | 1,344 | 1,473 | 1,420 | 5,210 | 1,267 | 1,815 | 1,908 | 1,784 | 6,774 | 3. |
| 236 | 349 | 399 | 394 | 1,378 | 291 | 414 | 428 | 393 | 1,526 | 4. |
| 338 | 435 | 561 | 514 | 1,848 | 425 | 624 | 806 | 734 | 2,589 | 5. |
| 399 | 560 | 513 | 512 | 1,984 | 551 | 777 | 674 | 657 | 2,659 | 6. |
| -111 | -79 | 794 | -293 | 311 | 191 | -17 | 976 | -66 | 1,084 | 7. |
| 166 | -44 | -13 | 24 | 133 | 452 | 138 | 26 | 192 | 808 | 8. |
| -297 | -35 | 807 | $-317$ | 178 | -261 | -155 | 950 | -258 | 276 | 9. |
| 1,217 | 1,440 | 1,586 | 1,521 | 5,764 | 1,347 | 1,635 | 1,731 | 1,652 | 6,365 | 10. |
| -1,397 | -1,605 | -1,665 | -1,776 | -6,443 | -1,709 | -2,071 | -1,942 | -1,993 | -7,715 | 11. |
| 35 | 63 | 36 | -25 | 109 | -14 | 98 | -38 | -188 | -142 | 12. |
| 5,806 | 6,604 | 7,813 | 6,909 | 27.132 | 6,564 | 7,327 | 8,826 | 7,868 | 30,585 | 13. |


| 1958 |  |  |  |  | 1959 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | II | III | IV | Yoar | I | III |  |
| 4,818 | 5,218 | 5,170 | 5,806 | 21,012 | 5,149 | 5,517 | 1. |
| 1,334 | 1,443 | 1,761 | 1,612 | 6,150 | 1,433 | 1,543 | 2. |
| 1,397 | 1,862 | 1,895 | 1,745 | 6,899 | 1,332 | 1,852 | 3. |
| 301 | 457 | 494 | 510 | 1,762 | 308 | 426 | 4. |
| 537 | 720 | 853 | 703 | 2,813 | 484 | 668 | 5. |
| 559 | 685 | 548 | 532 | 2,324 | 540 | 758 | 6. |
| -331 | -272 | 582 | -403 | -424 | -22 | -67 | 7. |
| -24 | -153 | -63 | -36 | -276 | 278 | -13 | 8. |
| -307 | -119 | 645 | -367 | -148 | -300 | -54 | 9. |
| 1,378 | 1,607 | 1,645 | 1,659 | 6,289 | 1,343 | 1,727 | 10. |
| $-1,649$ | $-1,932$ | $-1,832$ | -1,948 | $-7,361$ | -1,734 | -2,147 | 11. |
| $142$ | 39 | -120 | -117 | -56 | 139 | 140 | 12. |
| 7,089 | 7,965 | 9,101 | 8,354 | 32,509 | 7,640 | 8,565 | 13. |


| 1957 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Yo8T |
| 511 | 368 | 442 | 429 | 2,765 |


| 1958 |  |  |  |  | 1959 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | year | I | II |
| 472 | 377 | 404 | 408 | 1,661 | 458 | 357 |


| 1954 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year |
| 1. Waçes, Salaries, and Supplementary Labour Incone ..... | 2,965 | 3,076 | 3,201 | 3,190 | 12,432 |
| 2. Deduct: Rmployer and Employee Contributions to Soctal Insurance and Government Pension Funds ..... | -101 | -105 | -106 | -110 | -422 |
| 3. M11tary Pay and Allowances ............................. | 83 | 92 | 95 | 97 | 367 |
| 4. Net Income Received by Farm Operators from Farn Production 1 | 44 | 120 | 704 | 141 | 1,009 |
| 5. Net Income of Non-Farm Unincorporated Business ...... | 329 | 423 | 427 | 477 | 1,656 |
| 6. Interest. Dividends, and Net Rental Income of Persons 2 Transfer Paymenta to Persons: | 385 | 443 | 429 | 462 | 1,719 |
| 7. From Government (Excluding Interest) ............... | 476 | 387 | 379 | 392 | 1,634 |
| 8. Charitable Contributions by Corporations .......... | 6 | 7 | 7 | 6 | 26 |
| 9. PEPSONAL INCOME ........................................... | 4,187 | 4,443 | 5,136 | 4,655 | 18,421 |


|  | 1957 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year |
| 1. Wages, Salaries,and Supplementary Labour Income. | 3,782 | 4,004 | 4,174 | 4,036 | 15,996 |
| 2. Doduct: Enployer and Knployee Contributions to Sooial Insurance and Governmont Pension Funds | -145 | -143 | -150 | -151 | -589 |
| 3. Milltary Pay and Allomances ............................. | 108 | 116 | 131 | 121 | 476 |
| 4. Net Income Recelved by Farm Operators from Fann Production 1 | 21 | 107 | 765 | 109 | 1,002 |
| 5. Net Income of Non-Farm Unincorporated Business ...... | 425 | 519 | 524 | 543 | $\begin{aligned} & 1,0011 \\ & 2,011 \end{aligned}$ |
| 6. Interest, D1F1dends,and Net Rental Income of Persons 2 Transfer Payments to Persons: | 466 | 524 | 486 | 537 | 2,013 |
| 7. From Government (Excludins Interest) ................. | 581 | 463 | 502 | 533 | 2,079 |
| B. Charitable Contributions by Corporations ............ | 8 | 10 | 10 | 8 | 36 |
| 9. PMRSONAL INCONR | 5,246 | 5,600 | 6,442 | 5,736 | 23,024 |

1. This item differs from line 5 of Table 1 in that it excludes the adjustment which has been made to take account of the accrued net earnings arising out of the operations of the Ganedian Wheat Board.
2. Includes all government debt interest paid to persons.

| 1955 |  |  |  | 1956 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Toar | I | II | III | IV | Year |  |
| 3,086 | 3,261 | 3,429 | 3,447 | 13,225 | 3,402 | 3,679 | 3,906 | 3,903 | 14,890 | 1. |
| -114 | -116 | -121 | -125 | -476 | -128 | -131 | -136 | -137 | -552 | 2. |
| 92 | 100 | 101 | 101 | 394 | 93 | 106 | 113 | 112 | 424 | 3. |
| -35 | 152 | 1,005 | 78 | 1,800 | -14 | 120 | 1,183 | 141 | 1,430 | 4. |
| 357 | 462 | 471 | 501 | 1,791 | 397 | 510 | 511 | 547 | 1,965 | 5. |
| 438 | 461 | 444 | 497 | 1,840 | 437 | 494 | 457 | 520 | 1,908 | 6. |
| $\begin{array}{r} 540 \\ 5 \end{array}$ | 420 8 | 391 8 | 386 8 | 1,737 29 | 538 7 | 427 10 | 405 9 | 396 8 | $\begin{array}{r} 1,766 \\ 34 \end{array}$ | 7. |
| 4,369 | 4,748 | 5,728 | 4,893 | 19,738 | 4,732 | 5,215 | 6,448 | 5,490 | 21,885 | 9. |



|  |  | 1954 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | I | II | III | IV | Yoar |
| 1. | Personal Diract Taxes: ................................. | 359 | 392 | 341 | 365 | 1,437 |
| 2. | Income Taxes ........................................... | 298 | 359 | 314 | 325 | 1,296 |
| 3. | Succession Drities ...................................... | 17 | 17 | 18 | 26 | 78 |
| 4. | Mscellaneous .......................................... | 24 | 16 | 9 | 14 | 63 |
| 5. | Personal Expenditure on Consumer Goods and Services: | 3,635 | 4,047 | 4,001 | 4,492 | 16,175 |
| 6. | Nona Durable Goods ...................................... | 1,793 | 2,036 | 2,110 | 2,434 | 8,373 |
| 7. | Durable Goods .......................................... | 441 | 541 | 472 | 516 | 1,970 |
| 8. | Servioss ${ }^{1}$.............................................. | 1,401 | 1,470 | 1,419 | 1,542 | 5,832 |
| 9. | Porsonal Net Saving: ...................................... | 213 | 4 | 794 | -202 | 809 |
| 10. | Perbonal Saving Excluding Change in Farm Inventories $\qquad$ | 401 | 62 | 309 | 112 | 884 |
| 11. | Value of Physical Change in Farm Inventories ...... | -188 | -58 | 485 | -314 | -75 |
| 12. | PERRSONAL INCOV [ ............................................ | 4,187 | 4,443 | 5,136 | 4,655 | 18,421 |
| 13. | (Personal Disposable Income) ${ }^{2}$......................... | $(3,848)$ | $(4,051)$ | $(4,795)$ | $(4,290)$ | (16,984) |


|  | I | II | 1957 | IV | Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
| I. Personal Direct Taxes: | 466 | 501 | 474 | 476 | 1,917 |
| 2. Income Tases .... | 393 | 445 | 426 | 429 | 1,693 |
| 3. Succession Duties | 35 | 35 | 28 | 30 | 126 |
| 4. Miscellaneous ............................................ | 38 | 23 | 20 | 17 | 98 |
| 5. Personal Expenditure on Consumer Goods and Services: | 4,566 | 4,983 | 4,949 | 5,466 | 19,964 |
| 6. Non-Durable Goods ... | 2,293 | 2,488 | 2,570 | 3,006 | 10,357 |
| 7. Durable Goods ............................................... | 520 | 680 | 608 | 623 | 2,431 |
| 8. - Serfices ${ }^{1}$..........*****.................................... | 1,753 | 1,815 | 1,771 | 1,837 | 7,176 |
| 9. Personal Net Sarligi ........................................ | 214 | 116 | 1,019 | -206 | 1,143 |
| 10. Personal Seving Excluding Change in Farm Inventories | 458 | 209 | 485 | 143 | 1,295 |
| 11. Velue of Phyeioal Change in Farm Inventories ...... | -244 | -93 | 534 | -349 | -152 |
| 12. PETRSONAL INCOMES ..............e.............................. | 5,246 | 5,600 | 6,442 | 5,736 | 23,024 |
| 13. (Persomal D1sposable Income) ${ }^{2}$........................... | $(4,780)$ | $(5,099)$ | $(5,968)$ | $(5,260)$ | $(21,107)$ |

1. Includes net expenditure abroad.
2. Personal Income less Total Personal Direct Tames.




| 1957 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year |
| 1. Wager, Salaries,and Supplementary Labour Income .... | 15,800 | 15,968 | 16,160 | 16,056 | 15,996 |
| 2. Military Pay and Allowances ........................... | 460 | 460 | 500 | 484 | 476 |
| 3. Corporation Profits before Tares ${ }^{1}$..................... | 2,720 | 2,636 | 2,512 | 2,320 | 2,54? |
| 4. Rent, Interest, and Miscellaneous Investment Income.. | 1,896 | 1,896 | 1,932 | 1,896 | 1,905 |
| 5. Accrued Net Income of Farm Operators from Farm Production 2 | 1,048 | 976 | 1,032 | 928 | 996 |
| 6. Net Income of Non-Maril Jnincorporated Business 3 .... | 8,028 | 2,008 | 2,016 | 1,992 | 2,011 |
| 7. Inventory Valuation Adjustment ...te.................... | -156 | -104 | -36 | 12 | -71 |
| 8. NET WATIONAL INCOME AT MACIOR COST ................... | 23.796 | 23,840 | 24,116 | 23,688 | 23,860 |
| 9. Indirect Taxes less Subsidies ........................... | 3,900 | 3,872 | 3,860 | 3,760 | 3,848 |
| 10. Capital Consumption Allowances and Miscellaneous <br> Valuation Adjustments | 4,008 | 4,012 | 3,996 | 3,960 | 3,994 |
| 11. Residuni Brror of Estimate ............................... | 40 | 28 | 120 | 96 | 71 |
| 12. GROSS KATIONAL PRODUCT AT MARKET PRICESS ............. | 31,744 | 31,752 | 32,092 | 31,504 | 31,773 |
| 13. (Gross National Product at Market Prices excluding Accrued Net Income of Parm Operators) | $(30,696)$ | $(30,776)$ | $(31,060)$ | $(30,576)$ | $(30,777)$ |

1. Freludes dividends paid to non-residenta.
2. Includes an arbitrary smoothing of crop production and atandard seasonal adjustments for withdrawals of grain from farm stocks and the obange in livestock items. Because of the arbitrary elements, too precise an interpretation should not be given the seasonally adjusted figures of accrued net income of farm operators.
3. Includes not inoome of indopendent proleaeional practitioners.

## AT ANIUAL RATES

## of dollars

| 1955 |  |  |  |  | I- 1956 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year |  |  |  |  |  |  |
| 12,812 | 13,064 | 13,336 | 13,680 | 13,223 | 14,192 | 14,712 | 15,140 | 15,516 | 14,890 | 1. |
| 392 | 396 | 392 | 396 | 394 | 396 | 420 | ${ }_{432}$ | , 448 | , 424 | 2. |
| 2,124 | 2,452 | 2,780 | 2,924 | 2,570 | 2,924 | 2,924 | 2,904 | 2,880 | 2,908 | 3. |
| 1,660 | 1,716 | 1,692 | 1,668 | 1,684 | 1,748 | 1,796 | 1,736 | 1,788 | 1,767 | 4. |
| 1,256 | 1,428 | 1,244 | 1,128 | 1,264 | 1,364 | 1,532 | 1,360 | 1,544 | 1,450 | 5. |
| 1,728 | 1,772 | 1,824 | 1,840 | 1,791 | 1,908 | 1,964 | 1,972 | 2,016 | 1,965 | 6. |
| -152 | -136 | -220 | -248 | -189 | -192 | -356 | -200 | -204 | -238 | 7. |
| 19,820 | 20,692 | 21,048 | 21,388 | 20,737 | 22,340 | 22,992 | 23,344 | 25,988 | 23,166 | 8. |
| 3,080 | 3,188 | 3,296 | 3,384 | 3,237 | 3,516 | 3,640 | 3,664 | 3,724 | 3,636 | 9. |
| 3,172 | 3,212 | 3,316 | 3,364 | 3,266 | 3,480 | 3,572 |  | 3,780 | 3,642 | 10. |
| -16 | -140 | -112 | -164 | -108 | 168 | - | 100 | 296 | 141 | 11. |
| 26,056 | 26,952 | 27,548 | 27,972 | 27,132 | 29,504 | 30,204 | 30,844 | 31,788 | 30,585 | 12. |
| $(24,800)$ | $(25,524)$ | $(26,304)$ | $(26,844)$ | $(25,868)$ | $(28,140)$ | $(28,672)$ | $(29,484)$ | $(30,244)$ | $(29,135)$ | 13. |


| 16,144 | 16,360 | 16,460 | 16,772 | 16,434 | 17,424 | 17,668 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 496 | 500 | 476 | 492 | 491 | 500 | , 508 | 2. |
| 2,312 | 2,272 | 2,456 | 2,860 | 2,475 | 2,796 | 2,800 | 3. |
| 1,864 | 1,932 | 2,124 | 2,184 | 2,026 | 2,100 | 2,144 | 4. |
| 1,132 | 1,244 | 1,220 | 1,032 | 1,15? | 1,216 | 1,256 | 5. |
| 2,068 | 2,064 | 2,120 | 2,224 | 2,119 | 2,144 | 2,156 | 6. |
| -72 | 40 | 64 | -148 | -29 | -120 | -144 | 7. |
| 23,944 | 24,412 | 24,920 | 25,416 | 24,673 | 26,060 | 26,388 | 8. |
| 3,856 | 3,800 | 3,812 | 3,964 | 3,858 | 4,028 | 4,148 | 9. |
| 3,972 | 3,936 | 3,880 | 3,904 | 3,923 | 3,996 | 4,184 | 10. |
| -64 | 140 | 152 | -8 | 55 | -40 | -8 | 11. |
| 31,708 | 32,288 | 32,764 | 33,276 | 32,509 | 34,044 | 34,712 | 12. |
| $(30,576)$ | (31,044) | (31,544) | $(32,244)$ | $(31,352)$ | $(32,828)$ | $(33,456)$ | 13. |




1. Includes outlays on new durable assets such as building and highway construction by governmente, other than government business enterprises. Also includes net purohases of government commodity agencies.
2. Includes capitel expenditures by private and government business enterprises, private non-commercial institutions, and outlays on new residential construction by individuala and business investors.

## 3. Dotail: Pam Inventories -

Value of grain orop production ...... Depletions of farm stocks of grein... Change in ilvestock inventories

Grain in Commercial Channels

| 1954 |  |  |  |  | 1955 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | 11 | III | IV | Tear | I | II | 11I | IV | rear |
| 696 | 900 | 700 | 700 | 699 | 1,044 | 1,044 | 1,044 | 1,048 | 1,045 |
| -820 | -788 | -756 | -872 | -809 | -904 | -724 | -992 | -892 | -878 |
| 44 | 4 | 52 | 40 | 35 | 36 | 48 | 48 | -8 | 31 |
| 36 | -4 | $-100$ | 8 | -15 | -68 | 68 | 68 | -148 | $-20$ |

In the seasonally adjusted series, the value of grain crop production in each quarter is taken as onemourth of the estimated value of crop production for the year as a whole (see Footnote 2, Table 5) All other items in the farm inventories series are seasonally adjusted by standard teohniques.

BY JUARTERE, 2954-1959
AT ANNTAL RATES
of dollaral


| 2958 |  |  |  |  | 2959 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year | I | II |  |
| 20,612 | 20,732 | 22,012 | 21,692 | 21,012 | 21,944 | 22,092 | 1. |
| 5,960 | 6,144 | 6,204 | 6,292 | 6,150 | 6,426 | 6,508 | 2. |
| 6,928 | 6,868 | 6,876 | 6,924 | 6,899 | 6,768 | 6,960 | 3. |
| 1,644 | 1,736 | 1,792 | 1,876 | 1,762 | 1,688 | 1,616 | 4. |
| 2,876 | 2,876 | 2,804 | 2,696 | 2,813 | 2,728 | 2,864 | 5. |
| 2,408 | 2,256 | 2,280 | 2,352 | 2,324 | 2,352 | 2,480 | 6. |
| -920 | -416 | -16 | -344 | 424 | 300 | 272 | 7. |
| -700 | -368 | -56 | 20 | -276 | 404 | 212 | 8. |
| -220 | -48 | 40 | -364 | -148 | -104 | 60 | 9. |
| 6,308 | 6,340 | 6,100 | 6,408 | 6,289 | 6,292 |  | 10. |
| -7,248 | -7,240 | -7,256 | -7,700 | -7,361 | -7,720 | -7,912 | 11. |
| 68 | - 140 | -156 | 4 | -56 | 44 | -8 | 12. |
| 31,708 | 32,288 | 32,764 | 33,276 | 32,509 | 34,044 | 34,712 | 13. |



|  | I MI |  |  |  | Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Kages, Salaries,and Supplementary Labour Income | 12,268 | 12,332 | 12,484 | 12,644 | 12,432 |
| 2. Deduct: Employer and Employee Contributions to Social Insurance and Goverment Pension Funds | -412 | -420 | -424 | -432 | -422 |
| 3. Milltary Pay and Allovances ............................... | 348 | 364 | 372 | 364 | 367 |
| 4. Net Income Recelved by Farim Operators from Farm Production 2 | 1,192 | 988 | 968 | 888 | 1,009 |
| 5. Net Incame of Non-Farm Unincorporated Business ...... | 1,596 | 1,620 | 1,668 | 1,740 | 1,656 |
| 6. Interest, Dividends,and Net Rental Income of Persone 2 Transfer Payments to Persons: | 1,620 | 1,716 | 1,748 | 1,792 | 1,719 |
| 7. From Goverment (Excluding Interest) ................ | 1,556 | 1,588 | 1,668 | 1,724 | 1,634 |
| B. Charitable Contributions by Corporations ........... | 24 | 28 | 28 | 24 | 26 |
| 9. PEPSONAL INCOME | 18,192 | 18,216 | 18,512 | 18,764 | 18,421 |


|  | I | II | III | IV | Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Wages, Salarles,and Supplementary Labour Income ..... | 15,800 | 15,968 | 16,160 | 16,056 | 15,996 |
| 2. Deduct: Employer and Employee Contributions to Sooial Insurance and Government Pension Funds | -576 | -580 | -596 | -604 | -589 |
| 3. W111tary Pay and Allowances ............................ | 460 | 460 | 500 | 484 | 476 |
| 4. Net Income Recelved by farm Operetors from <br>  | 1,120 | 1,004 | 980 | 904 | 1,002 |
| 5. Net Income of Non-Farm Unincorporated Business ...... | 2,028 | 2,008 | 2,016 | 1,992 | 2,011 |
| 6. Interest, DIVidends, and Net Rental Income of Persons ${ }^{2}$ Trensfer Payments to Persons: | 1,968 | 2,032 | 2,012 | 2,040 | 2,018 |
| 7. From Covernment (Sxcluding Interest) ................. | 1,868 40 | 1,916 36 | 2,188 36 | $\begin{array}{r} 2,344 \\ 32 \end{array}$ | $\begin{array}{r} 2,079 \\ 36 \end{array}$ |
| 9. PERSOHAL ITCOME ............................................ | 22,708 | 22,844 | 23,296 | 23,248 | 23,024 |

1. This itea differs from line 5 . Table 5 in that it exoludes the adjustment which has been made to take scount of the accrued not earnings arising out of the oparations of the Canadian Wheat Board.
2. Includes all goverpaent debt interest pald to persone.

## TVCONE. EX GUARTMRS, 1954-1959 <br> AT ANUUAL RATES <br> of dollars)

| 1955 |  |  |  |  | 1956 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year | I | II | III | IV | Yoar |  |
| 12,812 | 13,064 | 13,336 | 13,680 | 13,223 | 14,192 | 14,712 | 15,140 | 15,516 | 14,890 | 1. |
| -456 | -468 | -480 | -500 | -476 | -508 | -528 | -540 | -552 | -532 | 2. |
| 392 | 396 | 392 | 396 | 394 | 396 | 420 | 432 | 448 | 424 | 3. |
| 1,160 | 1,380 | 1,176 | 1.084 | 1,200 | 1,392 | 1,468 | 1,300 | 1,560 | 1,430 | 4. |
| 1,728 | 1,772 | 1,824 | 1,840 | 1,791 | 1,908 | 1,964 | 1,972 | 2,016 | 1,965 | 5. |
| 1,860 | 1,800 | 1,828 | 1,872 | 1,040 | 1,844 | 1,924 | 1,900 | 1,964 | 1,908 | 6. |
| $\begin{aligned} & 1,768 \\ & 24 \end{aligned}$ | 1,752 28 | 1,708 32 | 1.720 32 | 1,737 29 | 1,748 36 | 1,776 36 | 1,776 32 | 1,764 32 | 1,766 34 | 7. 8. |
| 19,288 | 19,724 | 19,816 | 20,124 | 19,738 | 21,008 | 21,772 | 22,012 | 22,748 | 21,885 | 9. |


| 1 | II | 1958 |  | Year | 1 | II |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16,144 | 16,360 | 16,460 | 16,772 | 16,434 | 17,424 | 17,668 | 1. |
| -608 | -616 | -624 | -628 | -619 | -640 | -632 | 2. |
| 496 | 500 | 476 | 492 | 491 | 500 | 508 | 3. |
| 1,160 | 1,220 | 1,248 | 1,016 | 1,161 | 1,208 | 1,316 | 4. |
| 2,068 | 2,064 | 2,120 | 2,224 | 2,119 | 2,144 | 2,156 | 5. |
| 2,064 | 2,108 | 2,224 | 2,120 | 2,129 | 2,276 | 2,240 | 6. |
| 2,484 36 | 2,624 32 | 2,600 36 | 2,852 40 | 2,640 36 | 2,680 | 2,828 40 | 7. |
| 23,844 | 24,292 | 24,540 | 24,888 | 24,391 | 25,632 | 26,124 | 9. |



|  | 1957 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Tear |
| 1. Personal Direct Tapes: .................................. | 1,916 | 1,924 | 1,916 | 1,912 | 1,917 |
| 2. Income Taxer ........................................... | 1,692 | 1,696 | 1,688 | 1,696 | 1,693 |
| 3. Succession Duties ..................................... | 128 | 128 | 124 | 124 | 126 |
| 4. Miscellaneous ........................................... | 96 | 100 | 104 | 92 | 98 |
| 5. Personal Expenditure on Consumer Goods and Services: | 19,604 | 19,880 | 20,164 | 20,208 | 19,964 |
| 6. Non-Durable Goods ...................................... | 10,140 | 10,328 | 10,456 | 10,504 | 10,357 |
| 7. Durable Goods .......................................... | 2,436 | 2,408 | 2,476 |  |  |
| 8. Services ${ }^{\text {l }}$................................................ | 7.028 | 7,144 | 7,232 | 7, 300 | 7,176 |
| 9. Personsl Net Sating: .................................... | 1.188 | 1,040 | 1,216 | 1,128 | 1,143 |
| 10. PERSOMAL INCOME ............................................ | 22,708 | 22,844 | 23,296 | 25,248 | 25,024 |
| 11. (Personal Disposable Inoame) ${ }^{2}$......................... | (20,792) | $(20,920)$ | (21,380) | $(22,336)$ | $(21,107)$ |

1. Includes net expenditare abroed.
2. Personel Income less Totel Personal Dreot Texes.

INCOME BI GTARTERS, 1954-1959
AT ATNUAL RATES
0! dollars)

| 1955 |  |  |  |  | 1956 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year | I | II | III | IV | Year |  |
| 1,528 | 1,476 | 1.492 | 1,500 | 1,499 | 1,664 | 1.724 | 1,768 | 1.772 | 1,732 | 1. |
| 1.332 | 1,272 | 1,292 | 1,292 | 1,297 | 1,428 | 1,488 | 1.528 | 1,540 | 1,496 | 2. |
| 128 | 128 | 128 | 124 | 127 | 148 | 148 | 144 | 144 | 146 | 3. |
| 68 | 76 | 72 | 84 | 75 | 88 | 88 | 96 | 88 | 90 | 4. |
| 16.744 | 17,272 | 17,552 | 17,988 | 17,389 | 18,248 | 18,692 | 19,056 | 19,336 | 18,835 | 5. |
| 8,848 | 9,000 | 9,096 | 9,316 | 9,065 | 9,480 | 9,608 | 9,880 | 9,976 | 9,736 | 6. |
| 2,004 | 2,248 | 2,306 | 2,420 | 2,245 | 2,312 | 2,500 | 2,452 | 2,460 | 2,431 | 7. |
| 5,892 | 6,024 | 6,148 | 6,252 | 6,079 | 6,456 | 6,504 | 6,724 | 6,900 | 6,666 | 8. |
| 1,016 | 976 | 772 | 636 | 850 | 1,096 | 1,356 | 1,188 | 1,640 | 1,320 | 9. |
| 19,288 | 29,734 | 19,816 | 20,124 | 19,738 | 21,008 | 21.772 | 22,012 | 22,748 | 21,685 | 10. |
| $(17,760)$ | $(18,248)$ | $(18,324)$ | $(18,624)$ | $(18,239)$ | $(19,344)$ | $(20,048)$ | $(20,244)$ | $(20,976)$ | $(20,153)$ | 11. |


| I | II | III | IV | Ieas | I | II |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,828 | 1,684 | 1,800 | 1,852 | 1,791 | 1,888 | 8,096 | 1. |
| 1,600 | 1,460 | 1,568 | 1,584 | 1,553 | 1,588 | 1,732 | 2. |
| 128 | 128 | 124 | 124 | 126 | 128 | 132 | 3. |
| 100 | 96 | 108 | 144 | 112 | 172 | 232 | 4. |
| 20,612 | 20,732 | 21,012 | 21,692 | 21,012 | 21,944 | 22,092 | 5. |
| 10,720 | 10,760 | 10,828 | 21,132 | 10,860 | 11,180 | 11,264 | 6. |
| 2,496 | 2,424 | 2,424 | 2,652 | 2,498 | 2,716 | 2,768 | 7. |
| ?,396 | 7,548 | 7,760 | 7,908 | 7,653 | 8,048 | 8,060 | B. |
| 1,404 | 1,876 | 1.728 | 1,344 | 1,588 | 1,800 | 1,936 | 9. |
| 25,844 | 24,292 | 24,540 | 24,898 | 24,391 | 25,632 | 86,124 | 10. |
| $(22,016)$ | $(22,608)$ | $(22,740)$ | $(23,036)$ | $(22,600)$ | $(23,744)$ | (24,028) | 11. |

$$
\begin{array}{ll}
\text { Mon. D. } & 0.4 \\
\text { Dus. } & 2.4
\end{array}
$$

|  | 1954 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year |
| 1. Personal Expenditure on Consumer Goode and Sortices. | 3,076 | 3,422 | 3,360 | 3,792 | 13,650 |
|  | 1,615 | 1,841 | 1,888 | 2,191 | 7,535 |
| $3 . \quad$ Durable Goods ... | 384 | 470 | 413 | 457 | 1,724 |
| 4. Sertices ... | 1,077 | 1,211 | 1,059 | 1,144 | 4,391 |
| 5. Government Expenditure on Goods and Services ........ | 817 | 782 | 943 | 873 | 3,415 |
| 6. Business Gross Fixed Capitel Formation ................. | 793 | 1,007 | 987 | 936 | 3,723 |
| 7. New Residential Construction ........................... | 169 | 231 | 270 | 276 | 946 |
| 8. New Non-Reaidential Construction ...................... | 260 | 306 | 374 | 332 | 1,272 |
| 9. New Machinery and Equipment ............................. | 364 | 470 | 343 | 328 | 1,505 |
| 10. Change 1n Inventor1es ...................................... | -142 | -119 | 565 | -520 | -216 |
| 11. Non-1arm Business Inventories ........................ | 125 | 15 | -43 | -136 | - 39 |
| 12. Ferm Inventories and Grein in Comercial Channels.. | -267 | -134 | 608 | -384 | -177 |
| 13. Exports of Goods and Services .......................... | 980 | 1,237 | 1,250 | 1,249 | 4,616 |
| 14. Deauct: Jmports of Goods and Services | $-1,140$ | $-1,322$ | -1,237 | -1,314 | -5,013 |
| 15. Residval Error of Estimato .............................. | 64 | -2 | -20 | -31 | 11 |
| 16. GROSS NATIONAL EXPENDITURE IN CONSTANI (1949) DOIJARS | 4,448 | 4,905 | 5,848 | 4,985 | 20,186 |



## 1. See footrotes, Table 2.

2. The implicit price deflators of the componente of Grose National Expenditure which can be derived by dividing the value ifgures in Table 2 by the volume figures in Table 9 are not suitable as indicators of quarter-toquarter price movements. This 1,1 because they are ourrently weighted, and are therefore affected by oompoaitional shifte which occur within the components of the Grose National Expenditure on a quarter-to-quarter beais. Year-over-year comparisons are less subject to the problem of shiftine welehts at the component levels 01 Gross National Expenditure.
of dollars)

| 1955 |  |  |  | 1956 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year | I | II | III | IV | Yoar |  |
| 3,256 | 3,706 | 3,616 | 4,084 | 14,662 | 3,552 | 3,917 | 3,828 | 4,306 | 15,603 | 1. |
| 1,796 | 1,997 | 2,012 | 2,382 | 8,187 | 1,957 | 2,082 | 2,132 | 2,534 | 8,705 | 2. |
| 382 | 591 | 528 | 565 | 2,066 | 442 | 648 | 551 | 568 | 2,209 | 3. |
| 1,078 | 1,218 | 1,076 | 1,237 | 4,409 | 1,153 | 1,187 | 1,145 | 1,204 | 4,689 | 4. |
| 909 | 793 | 971 | 890 | 3,563 | 888 | 834 | 1,090 | 982 | 3,794 | 5. |
| 754 | 1,038 | 1,118 | 1,052 | 3,962 | 929 | 1,322 | 1,376 | 1,264 | 4,891 | 6. |
| 181 | 266 | 300 | 293 | 1,040 | 215 | 302 | 310 | 283 | 1,110 | 7. |
| 254 | 325 | 415 | 371 | 1,365 | 301 | 440 | 566 | 509 | 1,816 | 8. |
| 319 | 447 | 403 | 388 | 1,557 | 413 | 580 | 500 | 472 | 1,965 | 9. |
| -177 | -98 | 1,042 | -348 | 419 | 73 | -95 | 1,149 | -172 | 955 | 10. |
| 147 | -33 | -3 | 23 | 134 | 379 | 114 | 7 | 148 | 648 | 11. |
| -324 | -65 | 1,045 | -371 | 885 | -306 | -209 | 1,142 | -320 | 307 | 12. |
| 1,077 | 1,240 | 1,355 | 1,297 | 4,969 | 1,140 | 1,373 | 1,448 | 1,379 | 5,340 | 13. |
| $-1,259$ | $-1,438$ | $-1,494$ | $-1,551$ | $-5,742$ 87 | -1,471 | $-1,782$ 75 | -1,688 | -1,721 | -6,662 | 14. |
| 4,588 | 5,291 | 6,637 | 5,404 | 21,920 | 5,099 | 5,645 | 7,174 | 5,893 | 23,811 | 16. |


| 1958 |  |  |  |  | 1959 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | II | III | IV | Year | I | II |  |
| 3,769 | 4,072 | 4,031 | 4,531 | 16,403 | 3,961 | 4,273 | 1. |
| 2,094 | 2,229 | 2,271 | 2,682 | 9,276 | 2,189 | 2,332 | 2. |
| 464 | 589 | 527 | 577 | 2,157 | 491 | 643 | 3. |
| 1,211 | 1,254 | 1,233 | 1,272 | 4,970 | 1,281 | 1,298 | 4. |
| 865 | 930 | 1,154 | 1,030 | 3,977 | , 903 | 966 | 5. |
| 955 | 1,271 | 1,288 | 1,174 | 4,686 | 886 | 1,228 | 6. |
| 212 | 517 | 341 | 349 | 1,219 | 209 | 283 | 7. |
| 359 | 482 | 571 | 465 | 1,877 | 316 | 434 | 8. |
| 382 | 472 | 376 | 360 | 1,590 | 361 | 511 | 9. |
| -351 | -340 | 773 | -448 | $-366$ | -119 | -172 | 10. |
| 6 -357 | -108 -232 | -43 | -37 | -182 | 219 | -13 | 11. |
| 1,179 | 1,383 | 1,402 | 1,444 | 5,408 | 1,236 | -159 1.452 | 12. |
| $-1,364$ | $-1,689$ | -1,555 | -1,659 | -6,207 | -1,461 | -1,819 | 14. |
| 104 | 29 | -88 | -86 | -41 | 100 | 101 | 15. |
| 5,153 | 5,716 | 7,005 | 5,986 | 23,860 | 5,406 | 6,029 | 16. |



