SYSTEM OF NATIONAL ACCOUNTS

# NATIONAL ACCOUNTS INCOME AND EXPENDITURE 

## FIRST QUARTER 1969

DOMINION BUREAU OF STATISTICS


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National Accounts, Production and Productivity Division

National Accounts Section

# NATIONAL ACCOUNTS INCOME AND EXPENDITURE 

## FIRST QUARTER 1969

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THE SYSIEM OF NATIONAI ICCOUNIS

In Canada, the National Accounts have been developed since the close of the second World War in a series of publications relating to their constituent parts. These have now reached a stage of evolution where they can be termed a "Svstem of National Accounts". For purposes of identification, all publications (containing tables of statistics, descriptions of conceptual frameworks, and descriptions of sources and methods) which make up this System will now carry the term "System of National Accounts" as a general title.

The System of National Accounts in Canada consists of several parts. The annual and quarterly Income and Expenditure Accounts (included with Catalogue Nos. carrying the prefix 13) were, historically speaking, the first set of statistics to be referred to with the title "National Accounts" (National Accounts, Income and Expenditure). The Balance of International Payments data, (Catalogue Nos. with prefix 67), in their more summary form, are also part of the System of National Accounts and they, in fact, pre-date the Income and Expenditure Accounts.

Greatly expanded structural detail on industries and on goods and services is portrayed in the InputOutput Tables of the System (Catalogue Nos. with prefix 15). The Indexes of Real Domestic Product by Industry (included with Catalogue Nos. carrying the prefix 61) provide "constant dollar" measures of the contribution of each industry togross domestic product at factor cost. Inputs and outputs are related in Productivity Studies (Catalogue Nos. with prefix 14).

Both the Input-Output Tables and Indexes of Real Domestic Product by Industry use the establishment as the primary unit of industrial production. Measures of financial transactions are provided by
the Financial Flow Accounts (Catalogue Nos. with prefix 13). Types of lenders and financial instruments are the primary detail in these statistics, and the legal entity is the main unit of classification of transactors. Also, provision is made in the System for incorporation of balance sheet (wealth) estimates when such data are sufficiently developed.

The system of National Accounts provides an overall conceptually integrated framework in which the various parts can be considered as interrelated sub-systems. At present, direct comparisons amongst those parts which use the establishment as the basic unit and those which use the legal entity can be carried out only at highly aggregated levels of data. However, the Dominion Bureau of Statistics is continuing research on enterprise-companyestablishment relationships; it may eventually be feasible to reclassify the data which are on one basis (say the establishment basis) to correspond to the units employed on another (the company or the enterprise basis).

In its broad outline, the Canadian System of National Accounts bears a close relationship to the international standard as described in the United Nations publication, "A System of National Accounts" (Studies in Methods, Series F., No. 2, Rev. 3, Statistical Office, Department of Economic and Social Affairs, United Nations, New York, 1968). In the future, a document on the conceptual framework of the Canadian System of National Accounts will be prepared for publication by the Dominion Bureau of Statistics. This document will furnish the broad theoretical outline of the system. The finer conceptual details, the statistical tables, and the descriptions of sources and methods as they pertain to the individual parts of the System, will appear in the various regular and occasional publications relating to those parts.
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The rapid pace of economic activity continued in the first quarter of 1969 , as the Gross National froduct increased by 2.5 per cent to reach a level of $\$ 71.9$ billion, seasonally adjusted at annual rates, After allowing for a price rise of 1 per cent, slightly higher than in the fourth quarter, the wlvance in constant dollars was about $1-1 / 2$ per cent. ${ }^{\prime \prime}$ Excluding accrued net income of farm operators ${ }^{2 /}$, GNP rose 2.7 per cent in current dollars.

Intensified demand pressures by most sectors, partially met from substantially higher imports, characterized the quarter. Larger advances than in the fourth quarter occurred in personal expenditure, business gross fixed capital formation and exports, together with increased investment in business nonfarm inventories. On the other hand, government purchases of goods and services rose only slightly, while accumulation of farm inventories 2/ declined sharply - - in part the result of much higher wheat exports.

Personal expenditure rose a substantial 3 per cent, as all major series except automobiles and tobacco recorded gains; the advance in consumer outlays outpaced a 1 per cent increase in disposable income, resulting in a sharp decline in personal saving. Gross fixed capital formation increased by $3-1 / 2$ per cent, largely the result of a 10 per cent expansion in new residential construction as housing starts rose steeply; outlays for plant and equipment advanced at the same moderate rate as in the fourth quarter, with a 5 per cent gain in the machinery and equipment component outweighing a drop of 3 per cent in non-residential construction. Accumulation in non-farm business inventories rose by $\$ 468$ million to $\$ 1,020$ million, with increases in all major industrial groups.

Government purchases of goods and services advanced by 1 per cent, the smallest increase in six quarters. The government sector as a whole exercised a restraining influence on the economy; excluding inter-governmental transfers, expenditures rose only fractionally while revenues advanced $3-1 / 2$ per cent, resulting in a sharp increase of $\$ 812$ million in the combined surplus.

Reflecting the strength of demand by both Canadians and non-residents, exports and imports registered their largest increases since the first quarter of 1968. Merchandise exports advanced 5-1/2 per cent, led by large gains in wheat, wood pulp, newsprint, and a number of metals. Merchandise inports rose more rapidly, $7-1 / 2$ per cent, with sizable advances in non-farm machinery in line with the larger domestic investment program. Increases of about 13 per cent in both receipts and payments of tourists were the prominent features of the non-merchandise account. The current account deficit on a National Accounts basis widened by $\$ 224$ million to $\$ 748$ million; the merchandise surplus declined to $\$ 228$ million, while the non-merchandise deficit was almost unchanged.

Among components of income, labour income advanced by 3 per cent; mixed movements in other components were on balance offsetting. Within labour income, both the goods-producing and serviceproducing sectors had the same rate of increase; employment rose by $1=1 / 2$ per cent and the unemployment rate declined to 4.2 per cent from 4.9 in the fourth quarter. Net corporation profits before taxes slipped fractionally from the high level of the previous quarter; gross profits, which include capital consumption allowances, registered a modest increase of $1-1 / 2$ per cent.

## Price Movements

Prices rose 1.0 per cent in the first quarter of 1969 compared with 0.8 per cent in the preceding quarter. Higher price increases were recorded in exports and government expenditure; the price components of both business gross fixed capital formation and imports continued to advance at the same rate as in the fourth quarter while personal expenditure showed lower price increases.

The softening in the rate of increase in consumer prices was most apparent in non-durable goods. Food prices, in particular, rose by 0.4 per cent this quarter compared with 1.7 per cent last quarter. Increases in cereal and dairy products and fish partially offset declines in bakery products, and poultry. Among non-food non-durable goods, the largest increase was shown by alcoholic beverages which rose by 0.6 per cent. Tobacco products showed a slight decline. In durable goods, the rise of 0.4 per cent was the result of higher prices for new cars, household appliances and radios, and furniture.

1/ Real Domestic Product at factor cost by industry of origin, an alternative but conceptually somewhat different measure of economic production, shows a 2.0 per cent advance in real terms for the first quarter. Among the differences between the two series are market price valuation versus factor cost, the use of national versus domestic boundaries, and the use of different weight-base periods. 2/ Estimates of crop production are based on acreage intentions and ten-year average yields. on these assumptions, the value of the 1969 crop would be $\$ 1.3$ billion compared with $\$ 1.5$ bilion in 1968 . Seasonally adjusted quarterly figures are obtained by dividing the annual estimate by four.

Services continued to exert a dominating influence on the rise in consumer prices. The strongest rises were recorded in transportation, medical care, and recreation. The rent index, on the other hand, showed some deceleration, rising by 0.7 per cent compared with 1.1 per cent in the previous quarter.

In business gross fixed capital formation, the price component of new residential construction registered a very strong 3.6 per cent advance. The price index of residential building materials jumped by 4.7 per cent, largely attributable to a 6 per cent increase in lumber products; the labour component rose by 1.6 per cent. There was no change in the price index for non-residential construction, as the advance in the price index of the building component was offset by a decline in that of engineering construction, including railways.

Within merchandise exports, increases were recorded in the prices of meat and meat preparations, newsprint paper, lumber, shingles and crude animal products. Decreases were registered in the price indexes of alcoholic beverages, wheat and other cereal products, asbestos, fertilizers, nonagricultural machinery and equipment, and motor vehicles and parts.

$$
\frac{\text { Selected Base Weighted Price Indexes - Seasonally Adjusted }}{\text { Percentage Change from Previous Quarter }}
$$

|  | 1966 |  |  | 1967 |  |  |  | 1968 |  |  |  | $\frac{1969}{I}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | II | III | IV | I | II | III | IV | I | II | III | IV |  |
| Personal expenditure | 1.0 | 0.6 | 0.9 | 0.4 | 1.3 | 1.3 | 0.7 | 1.3 | 0.8 | 0.9 | 1.1 | 0.7 |
| Non-durable goods .... | 1.1 | 0.5 | 0.5 | -0.1 | 0.8 | 1.2 | 0.4 | 1.8 | 0.7 | 0.6 | 1.1 | 0.5 |
| Food . ............... | 1.2 | 0.7 | -0.2 | -0.9 | -0.6 | 2.0 | 0.8 | 1.4 | -0.1 | 0.6 | 1.7 | 0.4 |
| Non-food | 1.1 | 0.4 | 1.1 | 0.6 | 1.8 | 0.6 | - | 2.2 | 1.3 | 0.7 | 0.5 | 0.5 |
| Durable goods | 0.8 | -0.3 | 1.2 | -0.1 | 1.4 | 1.0 | 1.1 | -0.1 | 0.2 | -0.1 | 0.3 | 0.4 |
| Total goods | 1.1 | 0.4 | 0.6 | - | 0.8 | 1.2 | 0.5 | 1.4 | 0.6 | 0.5 | 0.9 | 0. 2 |
| Services, excluding net expenditure abroad... | 1.1 | 1.0 | 1.2 | 1.3 | 2.1 | 1.5 | 0.8 | 1.0 | 1.2 | 1.5 | 1.5 | 1.2 |
| Business gross fixed |  |  |  |  |  |  |  |  |  |  |  |  |
| capital formation. | 1.3 | 1.2 | 1.0 | 0.8 | -0.5 | -0.2 | 0.7 | 1.0 | 1.2 | 0.9 | 0.7 | 0.7 |
| Residential construction Non-residential construc- | 1.4 | 2.2 | 1.9 | 0.4 | 1.9 | 1.1 | 1.8 | 1.7 | 1.9 | 1.4 | 1.0 | 3.6 |
| tion | 1.3 | 1.3 | 1.5 | 1.2 | 1.3 | 0.6 | 0.7 | 1.3 | 1.7 | 0.6 | 1.2 | - |
| Machinery and equipment | 1.3 | 0.7 | 0.2 | 0.6 | -3.2 | $-1.7$ | . | 0.4 | 0.4 | 0.8 | 0.1 | -0.1 |
| Exports |  |  |  | 0.3 |  |  |  |  | 0.7 | 0.2 |  | 1.6 |
| of which merchandise | 0.5 | 1.7 | 0.4 |  | -0.4 | -0.3 | 0.4 | 1.2 | 0.3 | -0.1 | 0.1 | 1.2 |
| Gross National Expenditure (excluding inventories) | 1.3 | 1.0 | 1.1 | 0.8 | 0.6 | 1.0 | 0.7 | 1.2 | 1.1 | 1.2 | 0.8 | 1.0 |
| Gross National Expenditure (implicit prices) | 1.2 | 1.3 | 0.7 | 1.1 | 0.5 | 1.0 | 0.5 | 1.4 | 0.5 | 1.0 | 0.8 | 1.0 |

## The Components of Demand

## Personal Expenditure on Consumer Goods and Services

Personal expenditure reached a level of $\$ 43.5$ billion, seasonally adjusted at annual rates, an increase of 3 per cent from the fourth quarter. All three major aggregates contributed to the rise, with non-durables and services advancing more rapidly than in the preceding quarter and durables recording a 2 per cent gain after a fractional decline previously.

Expenditures on non-durables advanced naarly 3-1/2 per cent, the largest gain in seven quarters. Outlays for alcoholic beverages increased by 5 per cent from the strike-affected fourth quarter; clothing expenditure also rose 5 per cent, paced by a $7-1 / 2$ per cent advance in women's and children's apparel which had shown little change in the three preceding quarters. Increases of 2 to 3 per cent occured in outlays for gasoline, oil and grease, energy sources for home use, and food. In contrast, the tobacco series declined by 5 per cent.

Anong components of durable goods, increases of between 3 and $5-1 / 2$ per cent occurred in Qurciases of furniture, home furnishings and appliances. Partly offsetting these gains was a $1-1 / 2$ por cent decline in car outlays, resulting from a drop of 3 per cent in purchases of new cars of North Anerican manufacture.

All components of services recorded increases, mostly in the range of 2 to $3-1 / 2$ per cent. The purchased transportation component registered the largest advance -- 6-1/2 per cent.

## Business Gross Fixed Capital Formation

Spending on fixed capital formation marked a third consecutive quarterly increase, rising by 3.4 per cent to a level of $\$ 13.6$ billion, seasonally adjusted at annual rates. The $\$ 448$ million increase had a mixed composition: residential construction and machinery and equipment rose by $\$ 316$ million and $\$ 272$ million respectively, while non-residential construction dropped by $\$ 140 \mathrm{million}$.

New residential construction rose by 10 per cent as housing starts rose to an annual rate of 275,000 units from 231,000 in the fourth quarter. It is interesting to note that, as a result of sharp increases in the number of starts and a relatively stable level of completions, the number of housing units under construction has been climbing sharply since the end of the third quarter of 1968 .

Investment in plant and equipment rose by 1.3 per cent .- the result of a 5 per cent increase in machinery and equipment spending and a 3 per cent fall in non-residential construction. The increase in machinery and equipment was associated with increased imports of non-farm producers' durables and larger outlays on passenger and comercial vehicles. The lower level of non-residential construction of $\$ 4.7$ billion was about the same as the average investment of the years 1967 and 1968 .

Non-Farm Business Inventories
Investment in non-farm business inventories picked up strongly this quarter, with an accumulation of $\$ 1,020$ million, seasonally adjusted at annual rates, compared with $\$ 552$ million in the previous quartor. The strength in inventory investment was pervasive. Retail trade showed the largest accumaliation, but manfacturing and wholesale trade also recorded sizable inventory investment.

$$
\frac{\text { Value of Physical Change in Non-Farm Business Inventories }}{\text { (Seasonally Adjusted, at Annual Rates) }}
$$

|  | 4Q 1968 | 1Q 1969 |
| :---: | :---: | :---: |
|  | (millions of dollars) |  |
| Manufacturing | 168 | 368 |
| Durables | 176 | 264 |
| Non-durables | -8 | 104 |
| Wholesale | 108 | 196 |
| Retail | 324 | 456 |
| "Other" industries | -48 |  |
| Grand Total | 552 | 1,020 |


#### Abstract

In manufacturing, the strongest accumulation was in durables, where additions to the stocks of primary metal, metal fabricating, machinery, transportation and electrical products industries more than offset a sizable liquidation in the wood products industry. In non-durables, although most components showed additions to stocks, liquidations occurred in the rubber, clothing and knitting mills and paper products groups. By stages of fabrication, stocks accumulated at all levels. The stock-to-shipments ratio for manufacturing as a whole was slightly lower than that of the previous quarter.


Over two thirds of the accumulation in both wholesale and retail trade occurred in non-durable lines, where increases were widespread. Stock-to-sales ratios increased this quarter, especially in wholesale trade.

## Exports and Irports of Goods and Services

With exports of goods and services higher by $\$ 924$ million, and impurts ly $\$ 1,148$ million, the balance on current account for the quarter, on a National Accounts basis, widened from a deficit of $\$ 524$ million at annual rates to a deficit of $\$ 748$ million. The merchandise surplus dropped from $\$ 1,144$ to $\$ 928$ million, while the non-merchandise deficit was practically unchanged.

Merchandise exports rose $5-1 / 2$ per cent from the fourth quarter level. Increases were recorded in wheat, iron ore, asbestos, lumber, wood pulp, newsprint, iron and steel products, copper, industrial and farm machinery, motor vehicle parts and communication equipment. Shipments of motor vehicles, however, dropped sharply.

Merchandise imports climbed $7-1 / 2$ per cent. There were sizable increases in the imports of nonfarm machinery, reflecting the pick-up in machinery and equipment spending, and in coal and fuel oil. Imports of most consumer items also increased.

The unchanged deficit on non-merchandise trade resulted from a smaller deficit in miscellaneous transactions (government expenditures, personal and institutional remittances, miscellaneous income and business services) offsetting larger deficits in interest and dividend and in freight and shipping transactions.
$\frac{\text { Transactions with Non-Residents }}{\text { Seasonally Adjusted at Annual Rates }}$
(National Accounts Basis)

|  | IV Q 1968 |  |  | IQ 1969 |  |  | Change in Balances |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports | Imports | Net | Exports | Imports | Net |  |
|  | (millions of dollars) |  |  |  |  |  |  |
| Goods | 14,312 | 13,168 | 1,144 | 15,064 | 14,136 | 928 | -216 |
| Services | 3,100 | 4,768 | -1,668 | 3,272 | 4,948 | -1,676 | - 3 |
| Gold available for export ..... | 112 | - | 112 | 108 | - | 108 | -. 4 |
| Tourist and travel ............ | 944 | 1,012 | -68 | 1,072 | 1,140 | -68 | - |
| Interest and dividends | 316 | 1,236 | -920 | 376 | 1,320 | -944 | -24 |
| Freight and shipping | 924 | 956 | -32 | 952 | 1,008 | -56 | -24 |
| Other transactions.. | 804 | 1,564 | -760 | 764 | 1,480 | -716 | 44 |
| Total | 17,412 | 17,936 | -524 | 18,336 | 19,084 | -748 | -224 |

## Government Sector

Seasonally adjusted at annual rates, total revenues of all governments combined (excluding inter-governmental transfers) increased by $\$ 908$ million, or 3.5 per cent in the first quarter to $\$ 26,744$ million. More than three quarters of the gain occurred in revenues from direct and indirect taxation; both contributed about equally to the rise.

Personal direct taxes rose 4 per cent, with the gain concentrated at the federal level. The gain was partly associated with the imposition of the Social Development Tax at the beginning of the year. Corporation direct taxes rose by 3 per cent with the bulk at the federal level.

Revenue from indirect taxes rose by $\$ 348$ million with the gain occurring at the provincialmunicipal level. This rise reflected higher returns from gasoline and sales taxes at the provincial level and higher revenues from property taxes at the municipal level. At the federal level increases in revenue from customs import duties and excise duties were more than offset by a decline in revenues from excise taxes.

Total expenditure (excluding inter-governmental transfers) increased by $\$ 96$ million to $\$ 24,556$ million. Expenditure on goods and services by all governments rose by 1 per cent, with the increase occurring at the provincial-municipal level. Federal outlays on goods and services were virtually unchanged with a decline in defence spending offsetting higher non-defence outlays.

Transfer payments to persons declined slightly in the quarter; there were offsetting movements at the different levels of government. Federal payments rose as a result of a further lowering in the age limit of recipients of old age security pensions. Transfer payments at the provincialmanicipal level declined from the irregularly high levels of the last half of 1968 when payments were made under the Ontario Residential Property Tax Reduction Act.

The decline in subsidies occurred at the federal level and reflected, in the main, smaller payments to the railways.

Federal transfer payments to other levels of government increased and were attributable to higher payments under the Federal-Provincial Fiscal Arrangements Act and higher post-secondary educational grants.

With total revenues of all governments combined (including the Canada and Quebec Pension Plans) rising more sharply than expenditures, the government surplus, seasonally adjusted at annual rates and on a National Accounts basis, increased from $\$ 1,376$ million in the fourth quarter of 1968 to $\$ 2,188$ million in the first quarter, the largest in recent years. At the federal level, revenues rose by about $3-1 / 2$ per cent while expenditures increased by almost 2 per cent so that the federal surplus moved from a rate of $\$ 248$ million in the fourth quarter to a rate of $\$ 452 \mathrm{million}$ in the first quarter. Provincial-municipal revenues rose by $4-1 / 2$ per cent and expenditures were virtually unchanged so that the provincial-municipal surplus increased from a rate of $\$ 84$ million to a rate of $\$ 692$ million. The surpluses of the Canada and the Quebec Pension Plans showed little change.

> The Components of Income

## Labour Income

Total labour income increased by 3 per cent, a somewhat higher gain than the trend experienced in the last two years. Wages and salaries in both the goods and the service-producing industries rose at about the same rate as the total.

The increase in the goods-producing industries was somewhat higher than in the previous quarter and about 1 per cent higher than the average quarterly advances in 1968. A 3 per cent rise in manufacturing was associated with increases of about 1 per cent in employment and 2 per cent in earnings. In construction, wages and salaries rose by over 4 per cent, mainly because of substantial employment increases in building construction. The primary industries showed only a slight advance.

In the service-producing industries, transportation, storage, communication and other utilities increased by about $1-1 / 2$ per cent, trade by 4 per cent, and finance and service by $3-1 / 2$ per cent. These increases resulted from both gains in employment and higher earnings. Wages and salaries in government increased by almost 3 per cent.

## Corporation Profits

After increasing steadily since the first quarter of 1967 and gaining strong momentum in the latter part of 1968 , net corporation profits declined fractionally in the first quarter. Capital cost allowances increased by $4-1 / 2$ per cent; gross profits, which include these charges, rose by $1-1 / 2$ per cent.

Profits in the manufacturing industry dropped by 4 per cent from the peak fourth quarter level and by 6 per cent in the transportation, storage and communication industry; in the finance industry there was also a modest shift downward from the high fourth quarter level. The trade groups registered relatively strong advances from their high fourth quarter levels. There was a 10 per cent improvement in wholesale trade profits, 5 per cent in retail trade, and a robust 35 per cent advance in the service industry.

Within the manufacturing group, a majority of the industries experienced lower profit levels. The groups with the largest declines were wood, metals, electrical products, and petroleum and coal, while lesser declines occurred in the textile, printing, and chemical groups. Offsetting these declines were gains in the food and beverage, paper, and non-metallic mineral industries.

## Accrued Net Income of Farm Operators

Accrued net income of farm operators tell to 91,804 million ar 7.2 per cent below the fourth quarter rate. The decline was largely due to a fall in the estimated value of the 1969 crop, which is based on acreage intentions and ten-year yields. Partially offsetting this decline was an increase in the profits of the Canadian Wheat Board as exports rose well above the fourth quarter level.

$$
\text { Real Domestic Product }{ }^{1 /}
$$

Real Domestic Product registered a second consecutive 2 per cent advance in the first quarter. Both the goods-producing and service-producing industries rose at the same rate, with increases in all industry divisions except forestry and fishing and trapping.

Advances of over 4 per cent occurred in transportation, storage, and communication, and in construction; trade rose by over 2 per cent with most of the gain at the wholesale level. The community, business and personal services division increased by $1-1 / 2$ per cent, with education and business services being the main contributors. Manufacturing rose by less than 1 per cent, entirely due to the non-durable component, especially pulp and paper mills; durables declined fractionally, as drops in motor vehicles and parts and in saw-mills offset increases elsewhere.

1/ For further information, see Index of Industrial Production, Apri 1969 (DBS 61-005).

TABLE 1. National Income and Gross National Product, by Quarte:s, isses som ish (millions of dollars)

(1) Includes the withholding tax applicable to this item.
(2) Includes change in fanm inventorles as shown in line 11, Table 4. An adjustment has been made to take acicount of the accrued earnings of farm onerators arisimg out of the operations of the Canadian Whent Bnard.

(4) See fontnote 4, Tab: 2.

TABLE 2. Gross National Expenditure, by Quarters, 1968 and 1969 (millions of dollars)

(1) Includes outlays on new durable assets such as building and highway construction by governments, other than government business enterpiises. Also includes net purchases of government commodity agencies.
(2) For details of defence expenditures see line 3, Table 6.
(3) Includes capital expenditures by private and government business enterprises, private non-commercial institutions, and outlays on new residential construction by individuals and business investors.
(4) The book value of inventories is deflated to remove the effect of price changes and the derived "physical" change is then valued at average prices of the current period to obtain the value of physical change. The difference between this value of physical change and the change in book value is called the inventory valuation adjustment. (See line 8 , Table 1 ).

(1) This item differs from line 6, Table 1 , by excluding the adjustment which has been made to take account of the accrued net earnings arising out of the operations of the Canadian Wheat Board.
(2) Includes all government debt interest pald to persons.

(miliions at dollats)

|  | 1968 |  |  |  |  | 1969 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | 1 II | IV | Year | 1 | II | III |
| 1. Personal direct taxes | 1,651 | 1,586 | 1,619 | 1,804 | 6,660 | 1,926 |  |  |
| 2. Income taxes ... | 1,441 | 1,416 | 1,452 | 1,613 | 5,922 | 1,669 |  |  |
| 3. Succession duties and estate taxes | - 59 | 56 | 62 | , 88 | 235 | 57 |  |  |
| 4. Miscellaneous .................... | 151 | 114 | 105 | 133 | 503 | 200 |  |  |
| 5. Personal expenditure on consumer goods and services | 9,484 | 10,052 | 10,014 | 11,366 | 40,916 | 10,402 |  |  |
| 6. Non-durable goods ..... | 4,461 | 4,688 | 4,853 | 5,693 | 19,695 | 4,830 |  |  |
| 7. Durable goods | 1,033 | 1,270 | 1,113 | 1,389 | 4,805 | 1,139 |  |  |
| 8. Services(1) .................. ........................ | 3,990 | 4,094 | 4,048 | 4,284 | 16,416 | 4,433 |  |  |
| 9. Personal net saving . ................................... | 626 | 873 | 2,457 | 92 | 4,048 | 679 |  |  |
| 10. Personal saving excluding change in farm inventories | 951 | 984 | 1,354 | 583 491 | 3,872 | 1,008 |  |  |
| 11. Value of physical change in farm inventories ...... | - 325 | - 111 | 1,103 | - 491 | 176 | - 329 |  |  |
| 12. PERSONAL INCOME | 11,761 | 12,S11 | 14,090 | 13,262 | S1,624 | 13,007 |  |  |
| 13. (Personal disposable income)(2) | (10, 110 | 10,925 | 12,471) | $(11,458)$ | $(44,964)$ | (11,081) |  |  |

[^0]TABLE 5. Government Revenue, by Quarters, 1968 and 1969
(millions of dollars)

(1) Excludes refundable tax on corporate cash profits introduced May 1966. In the first quarter of 1968 , refunding of averpayments exceeded collections by $\$ 5$ million. In the second quarter the amount collected was $\$ 9$ million. Refunding of lhe tax begin in the third quarter and amounted to $\$ 52$ miliion, in the fourth quarter the amount refunded was $\$ 36$ milion. m . the first quarter 1969 refunds were $\$ 20 \mathrm{million}$.
(2) Beginning in 1962, the withholding tax series has been adjusted to conform more closely with the flow of interest and dividends to non-residents.

(i) From 1961 on, this item is treated as government current expenditure; prior to 1961, it was treated as capital transfer.

TABLE 7. Source of National Saving, by Quarters, 1968 and $1^{\text {th }}$ 毒 (millions of dollars)

|  | 1968 |  |  |  |  | 1909 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year | I | II | III |
| 1. Personal net saving | 626 | 873 | 2,457 | 92 | 4,048 | 679 |  |  |
| 2. Business gross saving | 1,890 | 2,200 | 2,253 | 2,278 | 8,621 | 2,227 |  |  |
| 3. Undistributed corporation profits | 204 | 491 | 409 | 413 | 1,517 | 362 |  |  |
| 4. Capital consumption allowances and miscellaneous valuation adjustments | 1,767 | 1,901 | 1,777 | 1,815 | 7,260 | 1,852 |  |  |
| 5. Adjustment on grain transactions(1) | - 101 | - 201 | 40 | 36 | - 226 | -1 |  |  |
| 6. Capital assistance | 20 | 9 | 27 | 14 | 70 | 14 |  |  |
| 7. Inventory valuation adjustment | - 83 | - 54 | - 39 | - 129 | - 305 | -168 |  |  |
| 8. Govermment surplus or deficit (-) | 354 | 135 | - 141 | 452 | 800 | 609 |  |  |
| 9. Residual error of estimate | - 166 | $-17$ | 88 | 54 | - 41 | - 277 |  |  |
| 10. Totals | 2,621 | 3,137 | 4,618 | 2,747 | 13,123 | 3,070 |  |  |

(1) This item is an adjustment to take account of the accrued earnings of farm operators arising out of the operations of the Canadian Wheat Board. See also footnote l, Table 3.

TABLE 8. Disposition of National Saving, by Quarters, che we lafis (millions of dollars


TARIF. 9. Relation between Gross National Product at Market Prices and Gross Domestic Product
at Factor Cost, by Quarters, 1968 and 1969 (millions of dollars)

|  | 1968 |  |  |  |  | 1969 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year | I | II | III |
| 1. Gross national product at market prices . | 15,036 | 16,443 | 18,288 | 17,601 | 67,368 | 16,693 |  |  |
| 2. Deduct: Residual error of estimate ..... | 166 | 17 | - 88 | - 54 | 41 | 277 |  |  |
| 3. Indirect taxes less subsidies.. | - 2,327 | - 2,295 | - 2,400 | 2,499 | - 9,521 | - 2,562 |  |  |
| 4. <br> Income received from nonresidents | - 68 | - 80 | - 79 | - 112 | - 339 | - 84 |  |  |
| 5. Add: Income paid to non-residents. | 292 | 315 | 298 | 405 | 1,310 | 307 |  |  |
| 6. GROSS DOMESTIC PRODUCT AT FACTOR COST | 13,099 | 14,400 | 16,019 | 15,341 | 58,859 | 14,631 |  |  |

TABLE 10. Gross National Expenditure in Constant (1957) Dollars, by Quarters, 1968 and 1969(1) (millions of dollars)

ili Tie implicit price deflators of the seasonally unadjusted components of Gross National Expenditure, derived by dividing the value figures in Table 2 by the constant dollar figures in Table 10 , are not suitable as indicators of quarter-tofiarter price change. This is because they are currently weighted and therefore are affected by compositional shifts witch occur within the unadjusted components of Gross National Expenditure, on a quarter-to-quarter basis. Quarter-tosiatter comparisons based on seasonally adjusted data are less subject to the problem of shifting weights and may be asud as measure of price change.
$\qquad$

TABLE 11. National Income and Gross National Product, by Quarters, 1968 and 1969 Seasonally Adjusted at Annual Rates (millions of dollars)

(1) See footnote 1 , Table 1 .
(2) Includes an arbitrary smoothing of crop production and standard seasonal adjustments for withdrawals of grain from farm stocks and the change in livestock items. Because of the arbitrary fotwonts, torn precise an interpretation should not he

(3) Includes net income of independent professional practitioners.
 (million of dollars)


## (1) See footnote 1, Table 2.

(2) For details of defence expenditures, see line 3, Table 16.
(3) See footnote 3, Table 2.
(4) In the seasonally adjusted series, the value of grain production in eacia quarter is taken as one-fourth of the estimation value of crop production for the year as a whole (see footnote 2, Table 11). All ocher items in the farm inventories series are seasonally adjusted by standard cechniques.

TABLE 13. Source of Personal Income, by Quarters, 1968 and 1969 Seasonally Adjusted at Annual Rates (millions of dollars)

|  | 1968 |  |  |  |  | 1969 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 11 | III | IV | Year | I | II | III |
| 1. Wages, salaries, and supplementary labour income .... <br> 2. Deduct: Employer and employee contributions to sacial | 33,784 | 34,844 | 35,532 | 36,740 | 35,225 | 37,856 |  |  |
| 3. Military pay and allowances ........................ | $\begin{array}{r} -2,204 \\ 688 \end{array}$ | $\begin{array}{r} 2,208 \\ 648 \end{array}$ | $-2,272$ 732 | - 2,508 | $\begin{array}{r} -2,298 \\ 696 \end{array}$ | $\begin{array}{r} -2,476 \\ 652 \end{array}$ |  |  |
| 4. Net income received by farm operators from faxm production(1) | 2,048 | 1,808 | 2,060 | 2,172 | 2,022 | 1,720 |  |  |
| 5. Net income of non-farm unincorporated business 6 . Interest, dividends, and net rental income of | 3,272 | 3,400 | 3,480 | 3,536 | 3,422 | 3,552 |  |  |
| persons(2) | 5,140 | 5,312 | 5,384 | 5,424 | 5,315 | 5,620 |  |  |
| Transfer payments to persons: |  |  |  |  |  |  |  |  |
| 7. From government (excluding interest) ............... | $\begin{array}{r} 6,636 \\ 48 \end{array}$ | $\begin{array}{r} 7,172 \\ 48 \end{array}$ | $\begin{array}{r} 7,404 \\ 48 \end{array}$ | $\begin{array}{r} 7,564 \\ 48 \end{array}$ | $\begin{array}{r} 7,194 \\ 48 \end{array}$ | $\begin{array}{r} 7,528 \\ 48 \end{array}$ |  |  |
| 9. PERSONAL INCOME | 49,412 | 51,024 | 52,368 | 53,692 | 51,624 | 54,500 |  |  |

(1) This item differs from line 6, Table 1l, by excluding the adjustment which has been made to take account of the accrued net earnings arising out of che operations of the Canadian Wheat Board.
(2) Includes all government deht interest paid to persons.

TABLE 14. Disposition of Personal Income, by Quarters, 1968 and 1969 Seasonally Adjusted at Annual Rates (millions of dollars)


[^1]TABLE 15. Government Revenue, by Quarters, 1968 and 1969 Seasonally Adjusted at Annual Ratba (millions of dollars)

(1) "See footnote 1 , Table 5."
(2) "See footnote 2, Table 5."
(3) The quarterly figures of real property taxes unadjusted and seasonally adjusted are obtained by dividing anaual totals fiv four since real property taxes accrue uniformly throughout the taxation year. Because in recent years, changes in real property tax rates have been generally upward this treatment gives rise to fictitious seasonal between the fourth and first quartere in the seasonally adjusted indirect taxes series.
(4) Estimates of normal quarterly pattern have been used to seasonally adjist the contribut fons to the Canada and Quebec Pension Plans. No precise interpretation can be placed on the quarterly movements of these series until a later date.

TABLE 16. Government Expenditure, by Quarters, 1968 and 1969 Seasonally Adjusted at Annual Rates (millions of dollars)


[^2]TABLE 17. Source of National Saving, by Quarters, 1968 and 1969 Seasonally Adjusted at Annual Rates (millions of dollars)

|  | 1968 |  |  |  |  | 1969 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | Year | I | II | III |
| 1. Personal net saving | 3,128 | 4,624 | 4,272 | 4,168 | 4,048 | 3,436 |  |  |
| 2, Business gross saving | 8,276 | 8,368 | 8,692 | 9.148 | 8,621 | 9,564 |  |  |
| 3. Undistributed corporation profits | 1,172 | 1,288 | 1,544 | 2,064 | 1,517 | 1,844 |  |  |
| 4. Canital consumption allowances and miscellaneous valuation adjustments | 7,252 | 7.260 | 7,272 | 7,256 | 7,260 | 7,580 |  |  |
| 5. Adjustment on grain transactions(1) | - 228 | - 216 | - 232 | - 228 | - 226 | 84 |  |  |
| 6. Capital assistance | 80 | 36 | 108 | 56 | 70 | 56 |  |  |
| 7. Inventory valuation adjustment | - 284 | - 176 | - 284 | - 476 | - 305 | - 512 |  |  |
| 8. Government surplus or deficit (-) | 1,168 | 220 | 436 | 1,376 | 800 | 2,188 |  |  |
| 9. Residual error of estimate | 168 | 16 | - 80 | - 268 | - 41 | - 396 |  |  |
| 10. Totals | 12,456 | 13,052 | 13,036 | 13,948 | 13,123 | 14,280 |  |  |

(1) This item is an adjustment to take account of the accrued earnings of farm operators arising out of the operations of the Canadian Wheat Roard. Ses alse footnote 1 , lable 3 .
 (millions of dollars)


ASti: is. Kelaiion hitweth Gross National Product at Market Prices and Gross Domestic Product at Factor Cost, by Quarters, 1968 and 1969

Sessonilly Adjusted at Annual Rates
(millions of dollars)


TABLE 20. Gross National Expenditure in Constant (1957) Dollars, by Quarters, 1968 and 1969(1) Seasonally Adjusted at Annual Rates
(millions of dollars)

(1) See footnote 1, Table 10.



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[^0]:    (.) Includes net expenditure abroad.
    (i) Personal Income less Total Personal Direct Taxes.

[^1]:    (1) Includes net expenditure abroad.
    1.) Personal Income less Total Personal Direct Taxes.

[^2]:    (1) See footnote 1 , Table 6 .

