# NATIONAL ACCOUNTS INCOME AND EXPENDITURE 

## Second Quarter

1954

## DOES MOT PROLATE NE PAS plaited

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Gross National Product remained steady in the second quarter of 1954, et a seasonally adjusted anmual rate of $\$ 23.9$ billion. The minor declines in production of the two preceding quarters were not resumed. The level of aggregate output was thus unchanged from the f1rst cuarter of 1954 but was almost 2 per cent below last year's annual average of $\$ 24.3$ billion. This decline from last year reflects a substeritially lower value of crop production wilich is now estimeted to be $\$ 400$ million below a year agol.

In the non-farm sector or the economg, changes in the general level of economic activity are closely approximated ${ }^{2}$ by the flgures of Gross National Product excluding accrued net incone of farn operatora given below:

Seasonelly Acjusted Annual Rates
(rounded in billions)



Chance (computed from unrounded data).....

From the above 11gures, it appears that the recent declines in total non-egricultural production were haited in the second quarter and that a swall increase occurred. Related indicatore show that production in durable goode mamifecturing, construction, and transportetion, comminication and storage contimed to move downward in the second quarter, following the trends which began in 1953. Declines in these groupe, nowever, were offset by gains in the service incustries (except transportation) and in the non-durable goods producing industries, except clothing. In menufacturing, the major declines in durable goods production from the first to secund quarter occurred in trensportation equipment, electrical apparatus and supplies, end iron and steel producta. The transportation, communication and storage group was affected by declines in shipments of grains, motor vehicles and farm implements.

Compred with the second quarter of last year, the value of Oross Mational Product excluding accrued net income of farm operators has shown no ctange. This evenness whth a year ago is equally apparent in the six months over gix months comperison. Iuring this period, both the price and volume camponents of non-farm production remained relatively stable. Hovever, es indicated in the first ouarter report, ehiftis have occurred in the composition of non-farm output since lest year, with declines in many of the goods producing industries (particularly manufecturing and construction) being offset by an expension in most service groups, with the notable exception of trensportetion, comrunicetion and storage.

Persons without jobs and seeking work in the second quarter of 1954 constituted 4.4 per cent of the total labour force, compred with 2.3 per cent in the second quarter of 1953. The mumber of paid workers with jobs showed a decline of 1 per cent from a year ego. However, higher average hourly ratos more than offset declines in total employnent and in average hours worked so that labour income in the second ouarter showed a small increase over lest year. With gaine also occurring in other elenents of personal income, the purchasing power of the personal sector was maintained at a high level in the second quarter of 1954. Personal dianosable income was, in fect, more than 5 per cent above the second quarter of a year ago, deapite the relative stability of total production.

## Hagep and Salories

Seasonally adjusted, the labour income data ahow a rise of 1 per cent from the first to the gecond quarter of 1954 , reaming their upward movement efter the small decline which occurred in the flist. cuarter. Most groups showed gains from the first to second cuarter, but manufecturing and transportation, commuication and storage showed a further amall decline.

Compared with a year ago, wages, salaries and surplementery labour income rose moderately in the second quarter, by about 1 per cent. This small increase wes elmost entirely aacribable to geins in the service groups, with the exception of transportation, communication and storage. In the goods sector, wages and salaries paid in manufecturing and construction were down by 2.4 per cent end $40 \%$ per cent respectively from a yerr ago.

Within the manufecturing group, wages and selaries in the duruble goods procucing sectors such as 1ron and steel and transportation equipment showed declines from a year ago, which were only partly offset

1. This revised estimate is besed on letest evailable information on expected crop yields. In the seasonally adjusted fagures of G.N.P., the estimated value of crop production is diatributed evenly acroes the four quarters of the yeer.
․ The figures are only approximetely representative of movementa in the non-farm sector since they saclude a number of ansil and stable components of G.N.P. originating in agriculture, e.E. vages, interest, rente and depreciation.
by gains in other manufacturing industries.
As hes beon indicated, the rise in average hourly eamings accounted for the gains in total labour income over a year ago. For example, the increace in average hourly eamings in non-durable goods mamufacturing amounted to 6.4 per cent, and in chrable goods manufacturing, to 3.6 per cent; in construction and mining, the gains were 4.6 per cent and 2.8 per cent, respectively.

## Investment Incame

Although investment income in the second quarter of this year wes about 7 per cent below the same cuarter of a year ago, the seasonally adjuated data indicate that little change has taken place for three consecutive cquarters.

The major component of investment income, corporation profits before texes, was substantially lower than a year ago, but other components showed gains which partially offset this decline. The exception was government trading proflts, which showed a decrease from the second cuarter of last year.

In the seasonally adjusted data, it would appear that durable manufacturing profite fell further from the flrst to the second quarter, but these declines were approximately balanced by gains in other groups.

## Not Income of Unincorporated Business

Seasonally adjusted, eccrued net income of fexm operators from ferm production in the second quarter was more than 20 per cent belor last year's annual average. This decline reflects the method of sersonelly adjusting grain production on the basis of anticipated crop jelds (see footnote i, page l); the value of the 1954 crop is estimated to be conciderajly below that of 1953. It may be noted, however, that in the unadjusted deta, eccrued net income of fam operators shows a gein over the second cuarter of a year ago, pertly attributable to increases in the production and prices of hogs.

Net income of non-ferm unincorporated business was down about 6 per cent from a year ago in the second cuarter, with the major declines showing up in wholesale end retail trade. In the seasonally adjuated dote, no change is shom for net income of non-farm unincorporatod business between the first and second cuarters of 1954.

## The Fittern of Dcmord

Total final purchases of goods and services, home produced and imported, (but excluding inventories) were slightly lower in the second cuarter of 1954 than a year earlier. Declines occurred in goverment expenditures, nom-residential constmiction, mechinery and equipment, and exmorts. These declines were only partly offset by a substantial increase in personal expenditure on conoumer goods and services, with the result that totol final purchases (excluding inventories) fell by about 1 per cent.

This relatively minor drop in final purcheses of goods and aervices from a year ago was accomnanicd by much smallor business inventory accumulation in the second cuarter (partly offset by analler net withdrakals from stocks of grain in commereial channels and farm inventories). Nevertheless, Camadien production as measured by Gross National Expenditure, remained steble relative to a year ago, eince imports fell sharply (by 11 per cent) ${ }^{2}$. more then offsetting the totel decline in firal purchasea and inventory change.

1. That is, the suri of personal expenditure, government expenditure, gross domestic investenent (excluding inventories) and exports.
2. The second çuarter import figure as reported in the quarterly estimates of the Cenadian Belance of International pagments has been reduced by $\$ 30$ million to take account of a discrepancy erieing fram a change in stetistical procedure recently introduced in the International Trade Diplsion. The expet size of the discrepancy is not knom, but it is bolicved to be of the order of same $\$ 40 \mathrm{million}$; this arnount wes deducted from the second quarter and an emount of $\$ 10$ million is being added back to each of the four cucrters of 1954. Without this adjustaert, the decline in imports indicated above would be someniast sheizer.

|  | ```Change II Q.'53 to II Q.'54 (5 mi1710ns)``` | ```Change II Q. }15 to II Q.154 (Percentage)``` |
| :---: | :---: | :---: |
| Perscnal Experditure | +129 | +3.1 |
| Covernment Expenditure | -22 | -2.5 |
| *ew Residential Construction | +5 | +1.8 |
| New Non-Residentiel Construction | -24 | -5.8 |
| New Machincry and Equinment | -25 | -4.6 |
| Exports of Goods end Services | - 126 | -9.0 |
| Sub-total | $-73$ | -1.0 |
| Change in Inventories - total (Business Inventories Only) | $\begin{gathered} -60 \\ (-213) \end{gathered}$ | -....* |
| Imports of Goods and Services | -(-169) | -(-10.6) |
| Residual Error | +12 | - -nees |
| Gross National Expenditure | $+48$ | +0.8 |

## Personal Expenditure on Consumer Goods and Services

Tuming to a review of the mafor omponditure components in more detal, the table above showt that consumer outlays provided the chief source of strength on the demand aide in the second quarter, whe a gein of 3.1 per cent over last year. This gain was made up of an increase oi 1.4 per cent in the consumption of goods and an increase of 6.8 per cent in the consumption of services. Higher rents accounted for a substantial portion of the gain in outlay for services, but gains were also registered for personal care, household operations and utilities, medical care, education and recreation.

Purclases of consumer durable goods in the second quarter were 6.9 per cent below last year's level, reflecting a decline in retell sales of now caitomobiles (off 10.2 per cent), appliances and radios, and fumsture. It is interesting to note that the unit volume of shipments of refrigerators and washing machines declined 9 per cent and 11 per cent, respectively, during the period, and that the dollar volume of shipments of radios was dom by 41 per cent. At the same time, comparison of the unit volume of imports of many of these goods show oven greater declinest. Imports of passenger cars, refrigerators and washing machines fell by 30 per cent, 53 per cent ard 33 per cent, respectively, in the quarter over quarter comperieons. In the seasonally adjusted data, sales of durable goods declined by $6 . \%$ per cent from the frst to the second quarter of 1954 , reflecting in large part a drop in sales of new automobiles.

The declines in durable goods sales frow the second querter of last year were more than offaet by a gain of 3.5 per cent in purchase of non-curable gooda. Purchases of food, and tobacco and alcoholic beversges showed marked increases. Clothing showed little change, but gains were reglatered in 8 muber of other non-durable goods components. In the seasonally adjusted date, total non-dureble goods consumption rose by 2.5 per cent from the first to second quarter, cortimuing the uphard trend of the past three yeRrg.

## Covesmant Expenditure on Goode and Services

Goverment expenditures for goods and services (foderel, provincial and munclpal) were 2.5 per cent below the second cuarter of 1953. The decline represented a combiration of amaller defence outlays, offset in part by increases for non-defence purposes. In the first half of 1954, federal defence outlays (on the National Accounts besis) have been approximetely 10 per cent below the level of the firgt aix months of 1953, although increases have occurred in militory pay and allowences.

## New Fesidential and Non-Recidential Conatuction

Privete investant in ner residential construction in the second quarter wis about 2 per cent above the level of last year. Seasonally adjusted, the flgures ahow a decline from the first to second quarter of 1954 of about 9 per cent. This drop appears to be related to umsually low activity in June; aveilable July date indicate a marked upturn in housing starts and completions.

Private non-recidential construction in the second quarter was 6 per cent below last year. The major part of this decline is related to non-residential building construction, with only a small decline ahown for privete enginecring construction. Seasonally adjusted, the date show small drop between the frst and second quarter.

1. Consumption outlays were also the main source of strength in the first to second quarter movements of the seasonally adjuated groas national expenditure.
2. The comparison here is 1 imited to April and May in both 1953 and 1954 .

## New Machinery and Equirment

Private investment in machincry and equipment was 4.5 per cent dom from the same quarter of last year. This decline was associeted wh the falling off of bales to business of comprefel end pe:senfex vehicles, agricultural implements, and a drop in imports of machinery and equipment.

The seasonally adjusted figures show little change from the flrst quartar.

## Change in Inventories

Totel inventory holdings declined slightily in the second quarter, reflecting the drawing down of stocks of farm inventories and grain in cowercial channels. However, these withdrewals were substantially less than a year ago, and were associeted with the world grain situation. Net additions to stocks of business inventorice were very cmall in the second quarter, and occurred mainly at the wholesale level. Seasonally adjusted, business inventories showed some liquidation in the second quarter, compared with a moderate build-up In the Mrst quarter. The second quarter deplotions were associeted to a very large extent with the working off of inventory stocks of transportation equipment and primary iron and steel products. At the same time, retail boldings of new automobiles remained approximately level in the socond quarter compared with a foirly heavy accumulation in the first quarter.

It is interesting to note that since the second quarter peak of 1953 when additions to bueiness inventory stocks were at a seasonally adjusted ammal rate of $\$ 676$ million, there has been a fairly steady decline in the rate of accumalation. Thus, the reversal from a position of net accumulation to one of net licuidation between the second quarters of 1953 and 1954 was equivalent to about 3 per cent of Gross National product. It appears that domestic production was less affected by this reversal than is suggested by the inventory flgures, to the extent that part of the inventory decline was met through reduced imports.

## Exports and Imports of Goods and Services

Bxports of goods and services were 9 per cent below a year ago in the second quarter of 1954 , reflecting largely a aharp decline in the volume of wheat sold abroad and also, in part, a lower level of business activity in the United States. As noted above, withdrawals of stocks from farm inventories and grain in commercial channels were quite small. In the second quarter of 1954 compared with a year ago, a development associated with the world grain position. Seasonally adjusted, the export figures show a small upturn from the first to second quarter, after declining in the two preceding quarters.

Imports of goods and services ${ }^{1}$ were down from the second quarter of last year, with declines fairly widespread throughout the various comodity groups; among the groups affected were fibres, textiles, farm implements and machinery, and automobilos and parts. The decline in total imports reflects, to some extent, reduced levels of activity in certain industries aluch as curable goods manufacturing and textiles, a lower rate of business inventory accumulation compared with a year ago, and possibly the effecta of a shift in the composition of totel output from goods producing industries to the service industries. There was little change in tine seasonally adjusted figures of imports between the first and second quarters.

These developments togetiner witin tie various transactions on non-merchandise account resulted in a deficit on current account in the second quarter of 1954 , amounting to more than $\$ 150$ million.

## Personal Incane and Expenditure

Personal income in the second quarter of 1954 was 4 per cent over the corresponding period of a year ago, despite the relative stebllity of production. Higher labour income, goverrment transfer paynents, and interest, dividends and net rental income of persons accounted for the major share of this increase, net income received by farm operators was also up. As was noted previously, the increace in labour income is attributable to the rise in average hourly earmings over a year ago; hicher unemplogment insurance beneftts account for the major part of the gain in government transfer payments, and an increase in benk deposit interest and in rents for the gain in interest, dividends and net rental income of persons.

With personal direct taxes at a level approxinately 7 per cent below a year ago (reflecting the reduction in personal income tax rates effective July 1, 1953), personal disposable income was 5.4 per cent higher in the second quarter of 1954. Personal expenditure on consumer goods and services showed an increase of 3 per cent over last year, lcaving personal saving at a lovel somewhat higher than a year ago.

At soasonally adjusted annual rates, personal saving amounted to $\$ 1,204$ million in the second quarter of 1954 , or 7.2 per cent of personal disposable income. Thus personal saving showed littl.e ciange fram the first marter of 1954, boti as to level and as a proportion of personal dienosable income.

TABLE 1. NATIONAL INCOME AND GBOSS NATIONAL PRODUCT, BY CUAFOXRE, 1953-1954 (millions of dollars)


## Footnotes:

1. This item includes the undistributed earnings of the Cansdian Wheat Board, and an inventory valuation adjustment for grain in Wheat Board channels.
2. Includes net Income of Independent professional praotitioners.

TABTE 2. GROSS NATIONAL EPPENDITURE, BY GOARTERS, 1953-1954 (millions of dollars)

| 1953 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | II | 11 | IV | Year |  | II |
|  | Personal Expenditure on Consumer Goods and |  |  |  |  |  |  |  |
|  | Gross Domestic Investments ${ }^{2}$ |  |  |  |  |  |  |  |
| 3. | New Residential Construction. | 190 | 273 | 302 | 296 | 1,061 | 209 | 278 |
| 4. | New Non-Reaidential Construction. ............... | 315 | 417 | 530 | 464 | 1,726 | 317 | 393 |
| . | New Machinery and Equipment. .................... | 484 | 549 | 488 | 407 | 1,922 | 444 | 524 |
|  | Change in Inventories..... 3 ................... | $-121$ | $-11$ | 1,115 | -411 | $572$ | $\begin{array}{r} 4.50 \\ -1.50 \end{array}$ | -71 |
|  | (Business Iaventories only) |  |  |  |  |  | (88) | (35) |
| 8. | Exports of Goods and Servicos.................... | 1,158 | 1,404 | 1,484 | 1,374 | 5,420 |  | 1,278 |
| 9. | Deducts Imports of Goods and Services........... | -1,327 | -1,600 | -1,498 | -1,425 | -5,960 | -1,265 | -1,431 |
| 10. | Residual brror of Estimate.. | -4 | 57 | -59 | -58 | -54 | 44 | 69 |
| 11. | GROSS NATIONAL EXPENDITURE AT MARKET PRICES..... | 5,321 | 5,789 | 7,225 | 6,015 | 24,350 | 5,365 | 5,837 |

## Footnotes:

1. Includes outlay on new durable assets such as building and highway construction by goverments, other than government business enterprises. Also includes the change in inventories of government conmodity agencios.
2. Includes capital expenditures by private and govermment business enterprises, private non-comercial ingtitutions, and outlegs on new residential construction by individuals.
3. Excluding grain in comercial channels and change in farm inventories.
4. Includes defence expenditures of:
$\frac{I \quad \text { II } \frac{1953}{\text { III }}}{509} \frac{\text { IV Ieer }}{405}$


## TABLE 3. SOURCES OF PERSONAL INCONE, BY CDARTERS, 1953-1954 (millions of dollars)

|  | 1953 |  |  |  |  | 1954 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | II | III | IV | Year |  | II |
| 1. Wages, Salaries and Supplementary Labour Income.. | 2,781 | 2,893 | 2,991 | 2,996 | 11,661 | 2,838 | 2,929 |
| 2. Deducts Employer and Baployee Contributions to |  |  |  |  |  |  |  |
| Social Insurance and Government Pension Funds... | -94 | -94 | -97 | -101 | -386 | -95 | -97 |
| 3. Military Pay and Allowances...................... | 70 | 77 | 79 | 83 | 309 | 84 | 92 |
| 4. Net Incoae Received by Farm Operators from Farm Protuction ${ }^{1}$. | -6 | 114 | 1,287 | 227 | 1,616 | 62 | 175 |
| 5. Net Income of Non-Farm Unincorporated Business... | 342 | 441 | 431 | 466 | 1,680 | 328 | 175 414 |
| 6. Interest, Dividends and Net Rental Incone of Perbons. | 401 | 432 | 433 | 423 | 1,689 | 435 | 488 |
| Transfer Payments to Perbons: |  |  |  |  |  |  |  |
| 7. Fram Government (Ercluding Interest)............ | 428 | 344 8 | 344 8 | 353 7 | $\begin{array}{r}1,469 \\ \hline 30\end{array}$ | 468 6 | 3817 |
| 9. Net Bad Debt Losses of Corporationa. . . . . . . . . . . | 6 | 7 | 7 | 8 | 28 | 7 | 7 |
| 10. PERESONAL INCOME. | 3,935 | 4,222 | 5,483 | 4,456 | 18,096 | 4,133 | 4,396 |

Footnoter

1. This item differs from 11 ne 4 of Table 1 in that it excludes the undistributed eamings (and tino inventory valuation adjustment) of the Canadian Wheat Board.

TABLE 4. DISPOSITIOR OF PERSONAL INCOME, BI CUARTERS, 1953-1954
(millions of dollars)


## Footnotes:

1. Includes net expenditure abroad.
?. Pergomal Income locs Tatal Persom? Ofect Toxsen.
2. 

TABLE 5. NATIOMAL INCONE AND GROSS NATIMNAL PRODUCT, BY GUARTERS, 1953-1954 SEASONALLY ADJUSTED AT AMNOAL FATES
(millione of dollers)


## Footnotes:

1. Includes an arbitrary amoothing of crop production, standard seasonal adjustments for livestock 1 tems, and a seasonal adjustment for earnings of the Canadian wheat Borrd. Because of the arbitrexy elements, too precise an interpretation should not be given the seasonally adjusted flgures of accrued net income of farm operators.
2. Includes net income of independent professional practitioners.

> LABLE 6. GROSS NATIONAL EXPENDITURE, BY CDARTERS, 1953-1954 SEASONALLY ADJUSTED AT ANNUAL, RATES (m_llions of dollars)


Footnotes:

1. Includes outlay on new durable assets such as building and highway construction by govermonts, other than goverment business enterprises. Also includes the change in inventories of goverment commodity agencies.
2. Includes capitel expenditures by private and govemment business enterprises, private non-commercial institutions, and outiays on new residential construction by individuals.
3. Excludes grein in comercial channels, and farm inventories.

TABLE 7. SOURCES OF PERSONAL INCOME, BY QUARTERS, SEASONALLY ADJUSTED AT ANEUAL RATES
(wizlinn3 of (atlra)


## Footnoters

1. This item differs from line 4, Table 5, in that it excludes undistributed earnings (and the inventory valuation adjustment) of the Canadian Wheat Boand.
2. Includes all goverrment debt interest paid to persons.

TARLE 8. DISPOSITION OF PEPSONAL INCOME, BY GOARTERS, SEASONALTY ADJUSTED AT ANNUAL RATES
(millions of dollars)

|  |  | 1953 |  |  |  |  | 1954 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | I | II |  | IV | Year | 1 | II |
|  | Personal Direct Taxess |  |  |  |  |  |  |  |
| 1. | Income Taxea. | 1,276 | 1,288 | 1,292 | 1,292 | 1,287 | 1,236 | 1,216 |
| 2. | Succession Duties................................... | 76 | 68 | 80 | 68 | 73 | 68 | 68 |
| 3. | Miscellaneous. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 80 | 72 | 68 | 68 | 72 | 84 | 64 |
| 4. | Total Personal Direct Taxes. | 1,432 | 1,428 | 1,440 | 1,428 | 1,432 | 1,388 | 1,348 |
|  | Personal Expenditure on Consumer coods and Service |  |  |  |  |  |  |  |
| 5. | Non-Turable Goods................................... | 8,584 | 8,744 | 8,752 | 8,820 | 8,725 | 8,832 | 9,048 |
| 6. | Durable Coods......................................... . . | 1,872 | 1,720 | 1,756 | 1,764 | 1,778 | 1,740 | 1,620 |
| 7. |  | 4,540 | 4,616 | 4,684 | 4,808 | 4,662 | 4,824 | 4,956 |
| 8. | Total Personal Expenditure on Consumer Coods and Services. | 14,996 | 15,080 | 15,192 | 15,392 | 15,165 | 15,396 | 15,624 |
|  | Personal Sevings |  |  |  |  |  |  |  |
| 9. | Personal Saving Excluding Farn Inventory Change | 1,164 | 1,572 | 1,640 | 1,416 | 1,448 | 1,3/8 | 1,344 |
| 10. | Farm Inventory Change............................ | -16 | -108 | -124 | 452 | 51 | -96 | -140 |
| 11. | Total Personal Saving............................ | 1,148 | 1,464 | 1,516 | 1,868 | 1,499 | 1,252 | 1,204 |
| 12. | PERSONAL INCOME. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 17,576 | 17,972 | 18,148 | 18,688 | 18,0\%6 | 18,036 | 18,176 |
|  | (Personal Dy sposable Income) ${ }^{2}$..................... | (16,144) | ( $16,54.4$ ) | (16,708) | $(17,260)$ | $(16,664)$ | $(16,648)$ | $(16,8 \% 8)$ |

## Footnotess

1. Includer net expenditure abroad.
2. Perbonal Income Less Totel Personal Direct Texes.
3. 

TABLE 9. GROSS NATIONAL FXPENDITVEE IN (1949) CONSTANT DOLLARS, BY GUARTERS, UNADUSTED FOR SEASONALITY ${ }^{1}$ (millions of dollers)


Footnotes

1. See footrotea, Table 2.
