

AGRICULTURAL  
ECONOMICS  
RESEARCH UNIT



Lincoln College

SECTORAL CAPITAL  
FORMATION  
IN NEW ZEALAND  
1958-65

*by*

T. W. FRANCIS

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*Research Report No. 52*

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## THE AGRICULTURAL ECONOMICS RESEARCH UNIT

THE Unit was established in 1962 at Lincoln College with an annual grant from the Department of Scientific and Industrial Research. This general grant has been supplemented by grants from the Wool Research Organisation and other bodies for specific research projects.

The Unit has on hand a long-term programme of research in the fields of agricultural marketing and agricultural production, resource economics, and the relationship between agriculture and the general economy. The results of these research studies will in the future be published as Research Reports as projects are completed. In addition, technical papers, discussion papers, and reprints of papers published or delivered elsewhere will be available on request. For a list of previous publications see inside back cover.

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SECTORAL CAPITAL FORMATION

IN NEW ZEALAND

1958 to 1965

by

T. W. Francis

Studies in the Structural Development  
of the New Zealand Economy: No.3

Agricultural Economics Research Unit Research Report No. 52



## P R E F A C E

This Report is the third in our series entitled "Studies in the Structural Development of the New Zealand Economy". In the second report we gave the fifteen sector annual interindustry current account transactions for the years 1960 to 1965. Here Mr Francis gives similar tables relating to capital transactions, showing, by sector, the origin and disposition of capital formation over the period 1958 to 1965.

These tables represent the result of preliminary research conducted by Mr Francis early in 1967 and the results should, at this juncture, be treated only as first approximations.

Nevertheless, we feel it useful to release them due to their relevance and importance to the work of the National Development Conference, for which information relating to capital formation is of pre-eminent importance.

B. P. Philpott

Lincoln College,  
December, 1968



SECTORAL CAPITAL FORMATION  
IN NEW ZEALAND  
1958 to 1965

I. INTRODUCTION

This report, a further one in the series relating to the structural development of the New Zealand economy presents estimates of capital formation and capital use for each of the years 1958 to 1965.<sup>1</sup>

The capital estimates are given in an interindustry or input-output framework, and the next section briefly explains the relationships between interindustry capital transactions and the current transactions as discussed in previous publications.<sup>2</sup>

In Section III the estimates of interindustry sales and purchases of capital are presented for each of the years 1958 to 1965.

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<sup>1</sup> The periods refer to March years. Thus 1958 stands for the twelve months ended 31 March 1959.

<sup>2</sup> B.P. Philpott & B.J. Ross "Input-Output Models for Projecting and Planning the Economy", Agricultural Economics Research Unit Research Report No. 41, 1968. B.J. Ross & B.P. Philpott, "Interindustry Structure of the New Zealand Economy 1961-65", Agricultural Economics Research Unit Research Report No. 49, 1968.

II. THE CAPITAL TRANSACTIONS TABLE IN THE  
INTERINDUSTRY ACCOUNTS

The interindustry current transactions table is concerned with the sale and purchase of each sector's current output of goods and services within the chosen accounting period. Current transactions for the year 1959, in condensed three sector form, are shown in Table 1 overleaf.

Each sector's current output comprises three possible elements. The first consists of the goods and services which will be used up within the year covered by the table. The second element adds to the stocks held by sectors. The third element of each sector's current output is the sale of capital goods.

Total sales of capital goods by sector of origin are shown in Table 1 in the column designated gross domestic capital formation.

The purpose of the capital transactions table is to show the inter-sectoral flows of gross capital formation. For the condensed three sector example of Table 1, the corresponding matrix of capital transactions for 1959 is shown in Table 2. The table indicates the sale and purchase of capital goods and services by sectors over the course of the year.

The capital interindustry table is similar to the current interindustry table, and shows across the rows the disposal of the total output of capital goods produced by the sector shown in the left hand column. The right hand column, showing the total output of capital goods by each sector, is practically identical to the gross domestic capital formation column of the current transactions table or matrix.

TABLE 1

INTERINDUSTRY CURRENT TRANSACTIONS TABLE

Current Transactions 1959-60  
- current producers' prices \$(million) -

Purchases by Sales by	Primary	Secondary	Tertiary	Total Inter- mediate Sales	House- holds	Govt.	Exports	Stock Change	Gross Domestic Capital Formation	Total Final Demand	Total Output
Primary	577.0	86.4	25.6	689.0	158.2	12.0	552.0	6.4	3.6	732.2	1421.2
Secondary	115.4	448.2	154.4	718.0	471.2	62.2	33.4	7.4	453.4	1027.6	1745.6
Tertiary	103.4	218.0	206.2	527.6	760.4	201.4	91.4	-1.0	65.2	1117.4	1645.0
Total Intermediate Purchases	795.8	752.6	386.2	1934.6	1389.8	275.6	676.8	12.8	522.2	2877.2	4811.8
Salary & Wages	152.6	417.2	641.2	1211.0	-	-	-	-	-	-	1211.0
Imports	43.8	233.2	49.6	326.6	109.0	41.0	3.2	-	80.0	233.2	559.8
Other	429.0	342.8	567.8	1339.6	42.0	6.2	1.8	-	4.2	54.2	1393.8
Total Primary Inputs	625.4	993.2	1258.6	2877.2	151.0	47.2	5.0	-	84.2	287.4	3164.6
Total Inputs	1421.2	1745.8	1644.8	4811.8	1540.8	322.8	681.8	12.8	606.4	3164.6	7976.4

Source: "Interindustry Study of the New Zealand Economy 1959-60"  
Part 1 : Department of Statistics Publication.

TABLE 2INTERINDUSTRY CAPITAL TRANSACTIONS TABLE

Gross Domestic Capital Formation 1959-60  
 - current producers' prices \$(million) -

Purchases by Sales by	Primary	Secondary	Tertiary	Total
Primary	3.3	-	.3	3.6
Secondary	47.7	39.7	366.0	453.4
Tertiary	16.1	18.6	30.5	65.2
Imports	15.6	23.6	40.8	80.0
Total	82.7	81.9	437.6	602.2

Source: "Interindustry Study of the New Zealand Economy 1959-60" Part 1 : Department of Statistics Publication.

Each column of the capital matrix shows the composition of the purchases of capital goods and services by the sector at the head of the column. The total of the column shows the amount of gross capital formation which has occurred within the sector over the year to which the table refers.

A table of capital coefficients can be derived from the capital matrix. These coefficients show the value of capital goods purchased from each other sector per dollar of total capital formation by a sector. This table is analogous to the table of current input-output coefficients which shows the value of a sector's purchases from each other sector per dollar of its own output. The table of current

coefficients can be computed for each individual year, while the set of capital coefficients is usually derived from the aggregate of capital matrices over several years.

The set of capital coefficients derived from the 1959 capital matrix of Table 2 is given in Table 3.

TABLE 3

INTERINDUSTRY CAPITAL COEFFICIENTS TABLE

Purchases of Capital per Unit of Gross Capital Formation  
- for the year 1959-60 -

Purchases by Sales by	Primary	Secondary	Tertiary	Total
Primary	.040	-	.001	.006
Secondary	.577	.485	.836	.753
Tertiary	.194	.227	.070	.108
Imports	.189	.288	.093	.133

Source: Table 2.

The technology of any sector will determine a relationship between the amount of new capital assets employed by the sector, and the resulting increase in the capacity level of output. This relationship, expressed as a proportion, is called the gross capital output ratio. These ratios, calculated for every sector and assuming that there is a lag of one year between capital formation and its contribution to current output, appear in Table 23.

The table of capital output ratios was obtained by first aggregating into a single matrix the five capital tables for the period 1959 to 1963 (i.e. Tables 15 to 19). All the

elements in each column of this aggregate matrix were then divided by the respective purchasing sectors' increase in output, calculated as the difference between the 1964 and 1959 outputs.<sup>1</sup>

The capital transactions table, and its associated coefficients, is an essential requirement when the inter-industry model is used to examine the direct and indirect consequences of inter-temporal changes in the economy.

### III. SECTORAL CAPITAL FORMATION 1958 TO 1965

#### 1. General Procedure

The procedure used in this study for obtaining the elements in the table of capital transactions was to estimate the total capital outputs of the major supplying sectors, including imports of capital equipment, and then allocate these supplies to the possible purchasing sectors. A similar procedure was adopted on the input side of the transactions table.

Whenever information was available on interindustry capital transactions this was used to obtain estimates of individual elements of the capital matrix. The remaining elements of the capital tables were derived by assuming that the relationship between the element and the corresponding total capital purchases, which existed in the Department of Statistics capital matrix for 1959,<sup>2</sup> prevailed in

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<sup>1</sup> Actual output in these two years of high industrial activity approximated the capacity level of output.

<sup>2</sup> "Interindustry Study of the New Zealand Economy 1959-60" Parts 1, 2, 3, 4 : Department of Statistics Publication.

subsequent years. In some instances the results were adjusted in the light of indexes of capital expenditures obtained from other sources.

Capital formation by central and local government was estimated on a sectoral basis to ensure the reasonableness of the sectoral estimates of private capital formation.

This procedure gave a reasonable approximation to the official 1959 capital matrix and was used to obtain tables for 1958 and for the years 1960 to 1965. The differences between the official and the estimated 1959 tables were corrected and these corrections were then applied to each of the estimated tables for subsequent years.

## 2. Industry Classification

The report by the New Zealand Government Statistician on the 1959 interindustry study classified all productive activities in the economy into 110 industries. In an appendix to the report an aggregation of the industries into 44 sectors was also presented. The basic reference for the classification of industries into the groups used by the Government Statistician was the United Nations International Standard Industrial Classification.<sup>1</sup>

For the study being reported here, the industry groupings of the official report were further aggregated into twelve sectors. The sectors were the same for both the production and the purchasing of capital. These sectors were:

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<sup>1</sup> Statistical Papers Series M, No. 4, "Indexes to the International Standard Industrial Classification of all Economic Activities".

1. Farming, hunting and fishing
2. Forestry and logging
3. Mining
4. Primary produce processing
5. Other manufacturing
6. Building and construction
7. Public utilities
8. Transport and communications
9. Wholesale and retail trade
10. Finance and ownership of property
11. Services
12. Government services

On the production or supply side of the table an additional sector was added for the imports of capital equipment. Total purchases of capital assets is then equal to domestic production of capital by sectors one to twelve plus capital imports.

The following table shows the relationship between the groupings used in the capital tables and the industry groupings used by the Government Statistician. The groupings of this study were determined largely by the statistics which are available on capital formation.

### 3. Wholesale & Retail Trade Sector

The capital matrix does not show the flow of physical assets through the trade sector. If the trade sector were shown as buying and selling capital goods, then the capital matrix would collapse into a row vector in which the purchasing sectors would be shown as obtaining all their capital requirements from (in general) one source, the trade

TABLE 4

RELATIONSHIP BETWEEN INDUSTRIAL GROUPINGS

Industrial Sector <sup>1</sup>	Government Classification <sup>2</sup>
1. Farming, hunting & fishing	1. Farming 2. Hunting & fishing
2. Forestry & logging	3. Forestry
3. Mining	4. Mining & quarrying
4. Primary produce processing	5. Meat freezing & preserving 6. Ham, bacon & small goods 8. Butter & cheese 9. Other milk products
5. Other manufacturing	7. 10 to 93 (other manufacturing)
6. Building & construction	94. Residential buildings 95. Commercial buildings 96. Civil engineering 97. Other building activities
7. Public utilities	98. Electricity & gas 99. Water & sanitation
8. Transport & communications	102. Rail transport 103. Shipping transport 104. Air transport 105. Road transport 106. Communications
9. Wholesale & retail trade	100. Trade
10. Finance & ownership of property	101. Banking & insurance 108. Ownership of property
11. Services	107. Services
12. Government services	113. Government services.

<sup>1</sup> Industry groups of the capital tables presented in the report.

<sup>2</sup> Industry groups of the Government Statistician's inter-industry study for 1959.

sector. To show the inter-relationships between producers and purchases of capital, capital goods are shown as if they passed directly from the producing sector to the using sector, by-passing the trade sector. The contribution to capital formation by the trade sector is measured only in terms of distributive margins; that is, the appropriate part of total operating expenses plus profits. The trade sector will however require capital assets to carry out its distribution activities. Only these capital assets will appear as purchases of capital by the trade sector.

#### 4. Valuation of Transactions

Commodity transactions can be expressed in terms of either the price received by the producer or the price paid by the purchaser. In the interindustry tables the valuation is at producers' prices. The wholesale and retail margins and the transportation costs associated with each commodity input appear as a direct purchase from the trade and transport sectors respectively. In the particular case of imported commodities the producer's price is the landed cost of the goods (i.e. c.i.f. valuation).

The total purchases of capital assets by a particular sector therefore consists of purchases of specific goods and services from the producing sectors valued at producers' prices, plus separate purchases from the transport and trade sectors for the services involved in getting the asset from the producing sectors to the purchasing sector. In total, the valuation falls short of the price paid by the purchasing sector for its supply of capital assets by the customs duty, sales tax etc., imposed after the assets leave the producers.

### 5. Constant Price Estimates

Each table reflects the price level of the year to which it refers. In order to use the input-output tables for inter-temporal relationships, transactions must be valued as if a constant price level had prevailed over the whole period. The price level underlying the 1964 interindustry table was chosen for this purpose. For each year then, two capital matrices are presented: first, with the inter-industry transactions valued at current prices and second, with the transactions valued at constant 1964 prices.<sup>1</sup>

The price indexes used to convert the current prices to constant prices are presented in Table 24.

### 6. Farming Sector

Capital formation by the farming, hunting, & fishing sector consists of the output of capital goods & services produced as part of current production by the farm contractor industry, together with the value of farm employee's labour on farm development or improvement. The value of the farmer's own labour, however, is treated as if it contributed only to the output of current goods.

### 7. National Account Capital Estimates

The tables overleaf show the relationship between the capital estimates presented in this study and the estimates contained in the Government Statistician's report on national income and expenditure.<sup>2</sup> Table 5 shows the estimates in value

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<sup>1</sup> This does not mean that changes in relative prices will be ignored in the projections.

<sup>2</sup> "National Income & Expenditure 1966-67", Department of Statistics Publication.

terms while Table 6 shows the difference between the two estimates as a percentage of the national income estimates.

TABLE 5

COMPARISON OF INTERINDUSTRY AND NATIONAL INCOME ESTIMATES

<u>Year</u>	<u>Interindustry</u> <sup>(1)</sup>			<u>National Income</u> <sup>(2)</sup>		
	<u>Private</u>	<u>Government</u>	<u>Total</u>	<u>Private</u>	<u>Government</u>	<u>Total</u>
	-\$(million)-					
1959	375.36	226.84	602.20 <sup>(3)</sup>	297	225	522
1960	472.58	226.54	699.12	366	234	600
1961	501.32	236.86	738.18	392	241	633
1962	490.30	256.00	746.30	390	255	645
1963	518.44	277.00	795.44	430	287	717
1964	592.54	306.50	899.04	497	312	809
1965	677.26	333.50	1010.76	555	342	897
Total 1959 to 1965	3627.80	1863.24	5491.04	2927	1896	4823

Source: (1) Estimates by author.

(2) Report on National Income & Expenditure 1966-67 - Department of Statistics Publication.

(3) Inter-Industry Study of the New Zealand Economy 1959-60: Part 1 - Department of Statistics Publication.

The central and local government capital formation estimates obtained in this study were slightly lower than those given in the national income report. For the seven years 1959 to 1965, the national income estimates of government capital formation totalled \$1896m. compared with the estimates here of \$1863m., a difference of \$33m. or 1.7 per cent.

TABLE 6

PERCENTAGE DIFFERENCE BETWEEN INTERINDUSTRY AND  
NATIONAL INCOME ESTIMATES

<u>Year</u>	<u>Private</u>	<u>Government</u>	<u>Total</u>
1959	26.4	0.8	15.4
1960	29.1	-3.2	16.5
1961	27.9	-1.7	16.6
1962	25.7	0.4	15.7
1963	20.6	-3.5	10.9
1964	19.2	-1.8	11.1
1965	22.0	-2.5	12.7
Total 1959 to 1965	23.94	-1.73	13.85

Source: Table 5

Private capital formation over the seven years was estimated to be \$3628m.; \$70lm. or 23.9 per cent higher than the national income estimates.

Total capital formation (i.e. private plus government) was estimated at \$549lm. for the seven year period, compared with the national income estimate of \$4823m., a difference of \$668m. or 13.9 per cent.

The Government Statistician's interindustry report for 1959 puts total capital formation at \$602m., of which some \$375m. was private capital formation. The corresponding figures in the Government Statistician's report on national income were \$522m., and \$297m. The relative differences were 15.4 per cent and 26.4 per cent respectively.

The differences mentioned above for the seven year

period of 23.9 per cent and 13.9 per cent for private and total investment respectively are therefore consistent with the official estimates.

#### 8. Other Capital Estimates

The Department of Statistics recently began an annual survey of capital expenditure on farms, and the results for the year 1965 are now available.<sup>1</sup> The survey indicates that the farming sectors' total expenditure on capital during 1965 was approximately \$136.7m. From Table 14, total capital formation for the farming, hunting and fishing sectors combined was estimated at \$123.1m, a difference of \$13.6m. from the farm survey estimate. However, the farm survey estimate includes expenditure totalling \$55.2m. on farm improvements and development. This latter expenditure includes such items as new fencing, clearing, and sowing pastures. Most of the expenditure on these items would appear in the current transactions table of the interindustry accounts, rather than the capital table, because of the difficulty of separating current and capital expenditure in aggregate data.

Mr T.K. McDonald of the N.Z. Institute of Economic Research has estimated gross private capital formation at \$486m. for the year 1962,<sup>2</sup> compared with the estimate made in this study of \$490m. (from Table 5).

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<sup>1</sup> "Statistics of Farm Production for the Season 1965-66"  
Department of Statistics Publication.

<sup>2</sup> T.K. McDonald. "Capital Formation in New Zealand", N.Z.  
Institute of Economic Research Inc., Technical Memorandum.

The closeness of the estimates made in this study with those of Mr McDonald and the farm survey could perhaps be considered fortuitous, having regard to the type of data and the magnitudes involved. However, the estimates are obtained by entirely different methods and are quite independent. The estimates of this study were completed before the others became available.

#### 9. Sectoral Estimates of Gross Capital Formation 1958 to 1965

The capital tables which follow are in two groups. Tables 7 to 14 show the interindustry transactions valued at current prices, while Tables 15 to 21 show the transactions valued at constant 1964 prices.

The matrix of capital coefficients, which shows the sectoral capital purchases per dollar of gross capital requirements by each sector, is given in Table 22.

Gross capital output ratios showing the sectoral gross capital requirements per unit of increased output appear in Table 23.

Table 24 contains the price indexes used to convert the capital estimates from current prices to constant 1964 prices.



CURRENT PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1958-59

TABLE 7

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	3.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10	3.20
FORESTRY + LOGGING	2	0.08	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.18
MINING	3	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	21.22	1.40	1.12	2.58	9.68	11.32	15.44	14.64	20.92	6.36	2.98	4.44	112.10
BUILDING + CONSTRUCTION	6	5.72	1.08	1.90	4.50	14.56	2.00	32.64	17.42	13.72	140.40	3.06	69.96	306.96
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT,COMMUNICAT.	8	2.34	0.36	0.28	0.46	1.60	1.88	2.46	2.50	1.36	0.18	0.40	0.70	14.52
WHOLESALE,RETAIL TRADE	9	8.98	1.12	0.48	0.46	3.94	5.02	2.66	5.22	4.36	0.60	0.60	0.98	34.42
FINANCE + PROPERTY	10	0.04	0.00	0.00	0.00	0.18	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.42
SERVICES	11	0.00	0.00	0.00	0.00	3.44	0.00	0.78	0.46	0.84	5.76	0.30	0.30	11.88
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	15.84	1.42	0.80	0.86	14.38	11.38	16.14	30.76	2.86	1.08	1.76	2.80	100.08
TOTAL		57.30	5.38	4.58	8.86	47.78	31.70	70.42	71.00	44.06	154.38	9.10	79.28	583.84



## CURRENT PRODUCER PRICES \$(MILLION)

## GROSS DOMESTIC CAPITAL FORMATION 1959-60 TABLE 8

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	3.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10	3.30
FORESTRY + LOGGING	2	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.20
MINING	3	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	26.20	1.40	1.10	2.40	8.80	10.30	16.60	12.80	18.20	6.10	2.80	4.10	110.80
BUILDING + CONSTRUCTION	6	8.10	1.30	2.00	5.20	17.80	2.80	33.60	19.60	15.10	164.30	3.80	69.00	342.60
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	2.60	0.40	0.30	0.50	1.70	1.80	2.50	2.20	1.30	0.20	0.40	0.70	14.60
WHOLESALE, RETAIL TRADE	9	10.00	1.20	0.50	0.50	4.20	4.80	2.70	4.60	4.20	0.70	0.60	1.00	35.00
FINANCE + PROPERTY	10	0.10	0.00	0.00	0.00	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.50
SERVICES	11	0.00	0.00	0.00	0.00	5.80	0.00	0.80	0.40	0.80	6.70	0.30	0.30	15.10
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	12.80	1.20	0.70	0.90	14.80	8.80	14.90	18.70	1.70	1.10	1.60	2.80	80.00
<b>TOTAL</b>		<b>63.10</b>	<b>5.50</b>	<b>4.60</b>	<b>9.50</b>	<b>53.30</b>	<b>28.60</b>	<b>71.40</b>	<b>58.30</b>	<b>41.30</b>	<b>179.10</b>	<b>9.50</b>	<b>78.00</b>	<b>602.20</b>



## CURRENT PRODUCER PRICES \$(MILLION)

## GROSS DOMESTIC CAPITAL FORMATION 1960-61 TABLE 9

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	3.46	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10	3.66
FORESTRY + LOGGING	2	0.14	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.24
MINING	3	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	32.54	1.60	1.34	3.32	11.58	13.30	21.62	16.66	23.72	7.38	3.58	5.36	142.00
BUILDING + CONSTRUCTION	6	11.40	1.34	2.06	5.84	23.76	3.18	34.28	20.96	16.74	181.72	4.52	73.02	378.82
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	3.50	0.42	0.32	0.66	2.18	2.50	2.64	2.26	1.54	0.20	0.50	0.72	17.44
WHOLESALE, RETAIL TRADE	9	13.44	1.28	0.52	0.66	5.40	6.66	2.86	4.72	5.00	0.74	0.74	1.04	43.06
FINANCE + PROPERTY	10	0.14	0.00	0.00	0.00	0.26	0.14	0.10	0.00	0.00	0.00	0.00	0.00	0.64
SERVICES	11	0.00	0.00	0.00	0.00	7.48	0.00	0.84	0.40	0.96	7.10	0.38	0.32	17.48
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	19.12	1.34	0.70	1.38	18.40	15.32	17.96	13.22	2.06	1.12	2.12	2.98	95.72
TOTAL		83.88	5.98	4.94	11.86	69.06	41.10	80.50	58.22	50.02	198.26	11.84	83.54	699.20



## CURRENT PRODUCER PRICES \$(MILLION)

## GROSS DOMESTIC CAPITAL FORMATION 1961-62 TABLE 10

SALES BY	PURCHASES BY	FARMING	FORESTRY	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE	FINANCE	SERVICE	GOVT	TOTAL
		HUNTING + FISHING	+ LOGGING							RETAIL TRADE	+ PROPERTY			
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	3.96	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	4.16
FORESTRY + LOGGING	2	0.12	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.22
MINING	3	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	39.58	1.28	1.22	4.00	13.00	13.46	20.22	15.82	23.26	6.36	4.32	4.72	147.24
BUILDING + CONSTRUCTION	6	14.42	1.28	1.74	5.64	27.68	3.20	32.14	20.82	16.68	176.28	4.82	68.54	373.24
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	3.74	0.42	0.36	0.62	2.22	2.48	3.04	2.96	1.52	0.24	0.50	0.64	18.74
WHOLESALE, RETAIL TRADE	9	13.38	1.12	0.62	0.64	5.58	6.06	3.30	5.78	4.92	0.74	0.76	0.98	43.88
FINANCE + PROPERTY	10	0.16	0.00	0.00	0.00	0.28	0.14	0.10	0.00	0.00	0.00	0.00	0.00	0.68
SERVICES	11	0.00	0.00	0.00	0.00	7.18	0.00	0.96	0.54	0.94	7.22	0.38	0.30	17.52
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	14.84	1.04	0.64	3.32	24.98	14.00	26.10	39.38	2.14	0.10	2.06	2.88	131.48
<b>TOTAL</b>		<b>90.32</b>	<b>5.14</b>	<b>4.58</b>	<b>14.22</b>	<b>80.92</b>	<b>39.34</b>	<b>86.06</b>	<b>85.30</b>	<b>49.46</b>	<b>190.94</b>	<b>12.84</b>	<b>78.16</b>	<b>737.28</b>



## CURRENT PRODUCER PRICES \$(MILLION)

## GROSS DOMESTIC CAPITAL FORMATION

1962-63

TABLE 11

SALES BY	PURCHASES BY	FARMING	FORESTRY	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		HUNTING FISHING	+ LOGGING											
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	4.94	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10	5.14
FORESTRY + LOGGING	2	0.14	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.24
MINING	3	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	42.90	1.02	1.00	5.90	13.98	11.70	19.98	14.66	21.16	5.56	4.58	4.12	146.56
BUILDING + CONSTRUCTION	6	17.90	1.28	1.52	5.74	32.82	3.80	29.94	22.90	18.38	181.12	6.34	71.54	393.28
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	4.26	0.54	0.34	0.96	2.50	2.22	3.04	2.66	1.52	0.22	0.50	0.64	19.40
WHOLESALE, RETAIL TRADE	9	14.58	1.28	0.62	1.04	6.36	5.14	3.28	4.98	4.92	0.76	0.74	1.04	44.74
FINANCE + PROPERTY	10	0.16	0.00	0.00	0.00	0.32	0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.74
SERVICES	11	0.00	0.00	0.00	0.00	7.82	0.00	0.96	0.48	0.92	6.80	0.36	0.30	17.64
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	16.00	1.46	0.64	10.04	34.68	9.48	9.40	27.20	2.18	0.96	3.34	3.04	118.42
TOTAL		101.02	5.58	4.12	23.68	98.48	32.48	66.92	72.38	49.08	195.42	15.86	80.78	746.30



## CURRENT PRODUCER PRICES \$(MILLION)

## GROSS DOMESTIC CAPITAL FORMATION 1963-64

TABLE 12

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	4.82	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.08	5.02
FORESTRY + LOGGING	2	0.10	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.22
MINING	3	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	33.38	0.72	0.92	5.32	14.12	11.18	18.30	13.80	20.70	4.42	5.90	3.58	132.34
BUILDING + CONSTRUCTION	6	22.34	1.38	1.10	6.10	38.86	4.48	29.42	28.92	20.50	189.68	8.80	83.14	434.72
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	4.26	0.70	0.32	0.60	2.00	2.58	3.60	2.92	1.60	0.26	0.60	0.72	20.16
WHOLESALE, RETAIL TRADE	9	13.00	1.42	0.60	0.68	5.18	5.38	3.88	5.02	5.20	0.80	0.92	1.22	43.30
FINANCE + PROPERTY	10	0.18	0.00	0.00	0.00	0.26	0.16	0.14	0.00	0.00	0.00	0.00	0.00	0.74
SERVICES	11	0.00	0.00	0.00	0.00	5.64	0.00	1.12	0.54	0.98	7.08	0.46	0.34	16.16
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	17.26	0.62	0.62	5.92	29.22	12.50	34.86	27.90	2.74	1.30	5.12	4.62	142.68
TOTAL		95.44	4.84	3.56	18.62	95.28	36.28	91.56	79.10	51.72	203.54	21.80	93.70	795.44



## CURRENT PRODUCER PRICES \$(MILLION)

## GROSS DOMESTIC CAPITAL FORMATION 1964-65 TABLE 13

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	5.64	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10	5.84
FORESTRY + LOGGING	2	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.20
MINING	3	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	35.98	0.84	1.00	6.20	16.40	12.60	21.28	15.46	23.06	4.90	6.54	4.06	148.32
BUILDING + CONSTRUCTION	6	25.42	1.40	0.74	7.94	49.18	5.34	23.02	33.74	25.28	226.26	12.86	96.08	507.26
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	4.48	0.72	0.24	0.72	2.30	2.84	3.20	3.26	1.90	0.30	0.80	0.84	21.60
WHOLESALE, RETAIL TRADE	9	13.94	1.48	0.46	0.80	5.96	5.90	3.46	5.60	6.14	0.90	1.20	1.40	47.24
FINANCE + PROPERTY	10	0.18	0.00	0.00	0.00	0.30	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.78
SERVICES	11	0.00	0.00	0.00	0.00	6.50	0.00	1.00	0.60	1.16	8.00	0.60	0.40	18.26
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	14.88	0.64	0.62	6.28	29.60	11.86	39.20	28.40	3.42	1.70	6.62	6.22	149.44
TOTAL		100.72	5.08	3.06	21.94	110.24	38.72	91.48	87.06	60.96	242.06	28.62	109.10	899.04



## CURRENT PRODUCER PRICES \$ (MILLION)

## GROSS DOMESTIC CAPITAL FORMATION 1965-66 TABLE 14

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	6.34	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	6.42
FORESTRY + LOGGING	2	0.12	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.20
MINING	3	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	37.00	0.92	1.14	6.76	17.64	13.56	23.88	16.76	25.48	5.50	7.28	4.30	160.22
BUILDING + CONSTRUCTION	6	31.22	1.50	0.40	9.08	55.16	6.16	18.84	43.48	28.06	237.76	16.14	122.68	570.48
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	5.70	0.80	0.16	0.78	2.38	3.16	2.94	4.02	2.10	0.30	0.92	1.06	24.32
WHOLESALE, RETAIL TRADE	9	17.76	1.66	0.32	0.86	6.18	6.58	3.18	6.92	6.80	0.88	1.38	1.78	54.30
FINANCE + PROPERTY	10	0.22	0.00	0.00	0.00	0.30	0.20	0.12	0.00	0.00	0.00	0.00	0.00	0.84
SERVICES	11	0.00	0.00	0.00	0.00	6.74	0.00	0.92	0.74	1.28	7.88	0.70	0.50	18.76
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	24.60	0.74	0.62	6.26	26.46	13.42	41.90	42.12	3.74	1.88	6.74	6.62	175.10
TOTAL		123.08	5.62	2.64	23.74	114.86	43.08	91.94	114.04	67.46	254.20	33.16	136.94	1010.76



1964-65 PRODUCER PRICES (\$MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1959-60

TABLE 15

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	3.26	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11	3.47
FORESTRY + LOGGING	2	0.12	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.24
MINING	3	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	28.32	1.51	1.19	2.59	9.51	11.14	17.95	13.84	19.68	6.59	3.03	4.43	119.78
BUILDING + CONSTRUCTION	6	9.27	1.49	2.29	5.95	20.37	3.20	38.44	22.43	17.28	187.99	4.35	78.95	391.99
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT,COMMUNICAT.	8	2.87	0.44	0.33	0.55	1.88	1.99	2.76	2.43	1.43	0.22	0.44	0.77	16.11
WHOLESALE,RETAIL TRADE	9	11.66	1.40	0.58	0.58	4.90	5.59	3.15	5.36	4.90	0.82	0.70	1.17	40.79
FINANCE + PROPERTY	10	0.13	0.00	0.00	0.00	0.25	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.63
SERVICES	11	0.00	0.00	0.00	0.00	7.45	0.00	1.03	0.51	1.03	8.60	0.39	0.39	19.38
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	13.87	1.30	0.76	0.98	16.03	9.53	16.14	20.26	1.84	1.19	1.73	3.03	86.67
<b>TOTAL</b>		<b>69.60</b>	<b>6.14</b>	<b>5.15</b>	<b>10.65</b>	<b>60.38</b>	<b>31.58</b>	<b>79.82</b>	<b>64.83</b>	<b>46.15</b>	<b>205.41</b>	<b>10.63</b>	<b>88.84</b>	<b>679.19</b>



1964-65 PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1960-61 TABLE 16

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	3.74	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11	3.96
FORESTRY + LOGGING	2	0.16	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.28
MINING	3	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	34.73	1.71	1.43	3.54	12.36	14.19	23.07	17.78	25.31	7.88	3.82	5.72	151.55
BUILDING + CONSTRUCTION	6	12.65	1.49	2.29	6.48	26.37	3.53	38.05	23.26	18.58	201.69	5.02	81.04	420.44
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	3.87	0.46	0.35	0.73	2.41	2.76	2.92	2.50	1.70	0.22	0.55	0.80	19.27
WHOLESALE, RETAIL TRADE	9	15.22	1.45	0.59	0.75	6.12	7.54	3.24	5.35	5.66	0.84	0.84	1.18	48.77
FINANCE + PROPERTY	10	0.17	0.00	0.00	0.00	0.31	0.17	0.12	0.00	0.00	0.00	0.00	0.00	0.77
SERVICES	11	0.00	0.00	0.00	0.00	9.39	0.00	1.05	0.50	1.20	8.91	0.48	0.40	21.93
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	20.19	1.41	0.74	1.46	19.43	16.18	18.97	13.96	2.18	1.16	2.24	3.15	101.08
TOTAL		90.89	6.52	5.40	12.96	76.38	44.37	87.64	63.35	54.64	220.71	12.94	92.39	768.20



1964-65 PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1961-62

TABLE 17

SALES BY	PURCHASES BY	FARMING	FORESTRY	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE	SERVICE	GOVT	TOTAL
		HUNTING + FISHING	+ LOGGING								+ PROPERTY			
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	4.48	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11	4.71
FORESTRY + LOGGING	2	0.13	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.24
MINING	3	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	41.75	1.35	1.29	4.22	13.71	14.20	21.33	16.69	24.54	6.71	4.56	4.98	155.32
BUILDING + CONSTRUCTION	6	15.56	1.38	1.88	6.08	29.86	3.45	34.67	22.46	17.99	190.16	5.20	73.94	402.63
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT,COMMUNICAT.	8	4.04	0.45	0.39	0.67	2.40	2.68	3.28	3.20	1.64	0.26	0.54	0.69	20.24
WHOLESALE,RETAIL TRADE	9	14.58	1.22	0.68	0.70	6.08	6.60	3.59	6.30	5.36	0.81	0.83	1.07	47.80
FINANCE + PROPERTY	10	0.18	0.00	0.00	0.00	0.32	0.16	0.11	0.00	0.00	0.00	0.00	0.00	0.78
SERVICES	11	0.00	0.00	0.00	0.00	8.21	0.00	1.10	0.62	1.07	8.25	0.43	0.34	20.02
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	15.38	1.08	0.66	3.44	25.89	14.51	27.05	40.81	2.22	0.10	2.13	2.98	136.25
TOTAL		96.22	5.48	4.89	15.11	86.46	41.60	91.36	90.07	52.82	206.29	13.69	84.12	788.11



1964-65 PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1962-63 TABLE 18

SALES BY	PURCHASES BY	FARMING	FORESTRY	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE	FINANCE	SERVICE	GOVT	TOTAL
		HUNTING + FISHING	+ LOGGING							RETAIL TRADE	+ PROPERTY			
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	5.63	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.11	5.86
FORESTRY + LOGGING	2	0.15	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.25
MINING	3	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	45.11	1.07	1.05	6.20	14.70	12.30	21.01	15.42	22.25	5.85	4.82	4.33	154.11
BUILDING + CONSTRUCTION	6	19.10	1.37	1.62	6.13	35.03	4.06	31.95	24.44	19.62	193.30	6.77	76.35	419.72
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	4.45	0.56	0.35	1.00	2.61	2.32	3.17	2.78	1.59	0.23	0.52	0.67	20.25
WHOLESALE, RETAIL TRADE	9	15.51	1.36	0.66	1.11	6.77	5.47	3.49	5.30	5.23	0.81	0.79	1.11	47.60
FINANCE + PROPERTY	10	0.17	0.00	0.00	0.00	0.34	0.15	0.13	0.00	0.00	0.00	0.00	0.00	0.80
SERVICES	11	0.00	0.00	0.00	0.00	8.40	0.00	1.03	0.52	0.99	7.30	0.39	0.32	18.95
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	16.18	1.48	0.65	10.15	35.07	9.59	9.50	27.50	2.20	0.97	3.38	3.07	119.74
TOTAL		106.45	5.84	4.34	24.59	102.91	33.88	70.51	75.95	51.88	208.46	16.66	85.97	767.42



1964-65 PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1963-64

TABLE 19

SALES BY	PURCHASES BY	FARMING HUNTING + FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	4.89	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.08	5.10
FORESTRY + LOGGING	2	0.10	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.23
MINING	3	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	34.17	0.74	0.94	5.45	14.45	11.44	18.73	14.12	21.19	4.52	6.04	3.66	135.46
BUILDING + CONSTRUCTION	6	23.42	1.45	1.15	6.39	40.73	4.70	30.84	30.31	21.49	198.83	9.22	87.15	455.68
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT,COMMUNICAT.	8	4.40	0.72	0.33	0.62	2.06	2.66	3.72	3.01	1.65	0.27	0.62	0.74	20.80
WHOLESALE,RETAIL TRADE	9	13.57	1.48	0.63	0.71	5.41	5.62	4.05	5.24	5.43	0.84	0.96	1.27	45.20
FINANCE + PROPERTY	10	0.19	0.00	0.00	0.00	0.27	0.17	0.15	0.00	0.00	0.00	0.00	0.00	0.77
SERVICES	11	0.00	0.00	0.00	0.00	6.00	0.00	1.19	0.57	1.04	7.53	0.49	0.36	17.19
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	17.17	0.62	0.62	5.89	29.07	12.44	34.69	27.76	2.73	1.29	5.09	4.60	141.97
TOTAL		98.01	5.01	3.67	19.06	98.00	37.02	93.60	81.03	53.52	213.28	22.43	97.87	822.49



1964-65 PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1964-65 TABLE 20

SALES BY	PURCHASES BY	FARMING	FORESTRY	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE	SERVICE	GOVT	TOTAL
		HUNTING + FISHING	+ LOGGING								+ PROPERTY			
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	5.64	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.10	5.84
FORESTRY + LOGGING	2	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.20
MINING	3	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	35.98	0.84	1.00	6.20	16.40	12.60	21.28	15.46	23.06	4.90	6.54	4.06	148.32
BUILDING + CONSTRUCTION	6	25.42	1.40	0.74	7.94	49.18	5.34	23.02	33.74	25.28	226.26	12.86	96.08	507.26
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	4.48	0.72	0.24	0.72	2.30	2.84	3.20	3.26	1.90	0.30	0.80	0.84	21.60
WHOLESALE, RETAIL TRADE	9	13.94	1.48	0.46	0.80	5.96	5.90	3.46	5.60	6.14	0.90	1.20	1.40	47.24
FINANCE + PROPERTY	10	0.18	0.00	0.00	0.00	0.30	0.18	0.12	0.00	0.00	0.00	0.00	0.00	0.78
SERVICES	11	0.00	0.00	0.00	0.00	6.50	0.00	1.00	0.60	1.16	8.00	0.60	0.40	18.26
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	14.88	0.64	0.62	6.28	29.60	11.86	39.20	28.40	3.42	1.70	6.62	6.22	149.44
TOTAL		100.72	5.08	3.06	21.94	110.24	38.72	91.48	67.06	60.96	242.06	28.62	109.10	899.04



1964-65 PRODUCER PRICES \$(MILLION)

GROSS DOMESTIC CAPITAL FORMATION 1965-66

TABLE 21

SALES BY	PURCHASES BY	FARMING	FORESTRY	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE	SERVICE	GOVT	TOTAL
		HUNTING FISHING	+ LOGGING								+ PROPERTY			
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	6.19	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	6.26
FORESTRY + LOGGING	2	0.12	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.20
MINING	3	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	36.49	0.91	1.12	6.67	17.40	13.37	23.55	16.53	25.13	5.42	7.18	4.24	158.01
BUILDING + CONSTRUCTION	6	29.88	1.44	0.38	8.69	52.78	5.89	18.03	41.61	26.85	227.52	15.44	117.40	545.91
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	5.46	0.77	0.15	0.75	2.28	3.03	2.82	3.85	2.01	0.29	0.88	1.02	23.30
WHOLESALE, RETAIL TRADE	9	17.18	1.61	0.31	0.83	5.98	6.36	3.08	6.69	6.58	0.85	1.33	1.72	52.51
FINANCE + PROPERTY	10	0.21	0.00	0.00	0.00	0.29	0.19	0.12	0.00	0.00	0.00	0.00	0.00	0.81
SERVICES	11	0.00	0.00	0.00	0.00	6.23	0.00	0.85	0.68	1.18	7.28	0.65	0.46	17.34
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	24.72	0.74	0.62	6.29	26.59	13.49	42.11	42.33	3.76	1.89	6.77	6.65	175.98
TOTAL		120.36	5.46	2.59	23.23	111.55	42.34	90.71	111.69	65.51	243.26	32.26	131.49	980.44



## CAPITAL COEFFICIENTS \*

TABLE 22

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING, HUNTING, FISHING	1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FORESTRY + LOGGING	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINING	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	0.40	0.22	0.25	0.27	0.15	0.34	0.24	0.21	0.44	0.03	0.29	0.05	0.19
BUILDING + CONSTRUCTION	6	0.17	0.25	0.39	0.38	0.36	0.10	0.41	0.33	0.37	0.92	0.40	0.88	0.54
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT, COMMUNICAT.	8	0.04	0.09	0.08	0.04	0.03	0.07	0.04	0.04	0.03	0.00	0.04	0.01	0.03
WHOLESALE, RETAIL TRADE	9	0.15	0.24	0.13	0.05	0.07	0.16	0.04	0.07	0.10	0.00	0.05	0.01	0.06
FINANCE + PROPERTY	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SERVICES	11	0.00	0.00	0.00	0.00	0.09	0.00	0.01	0.01	0.02	0.04	0.03	0.00	0.03
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	0.18	0.20	0.15	0.27	0.30	0.33	0.25	0.35	0.04	0.00	0.19	0.04	0.15
TOTAL		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

\* DERIVED FROM THE AGGREGATE OF THE CAPITAL MATRIXES FOR THE FIVE YEARS 1959-60 TO 1964-65  
TO CHANGE IN OUTPUT (1964-65 OUTPUT LESS 1959-60 OUTPUT )



## GROSS CAPITAL-OUTPUT RATIOS \*

TABLE 23

SALES BY	PURCHASES BY	FARMING HUNTING FISHING	FORESTRY + LOGGING	MINING	P.P.P.	OTHER MFT.	BLDG + CONST	PUBLIC UTILS.	TRANSP COMM.	W/SALE RETAIL TRADE	FINANCE + PROPERTY	SERVICE	GOVT	TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13
FARMING,HUNTING,FISHING	1	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.02
FORESTRY + LOGGING	2	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
MINING	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIMARY PRODUCE PROCES.	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER MANUFACTURING	5	0.84	1.16	1.28	0.20	0.12	0.79	1.77	0.79	0.73	0.27	0.27	0.60	0.48
BUILDING + CONSTRUCTION	6	0.36	1.30	2.01	0.29	0.29	0.24	3.02	1.25	0.61	8.31	0.37	10.27	1.40
PUBLIC UTILITIES	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORT,COMMUNICAT.	8	0.09	0.48	0.38	0.03	0.02	0.16	0.28	0.14	0.05	0.01	0.03	0.09	0.06
WHOLESALE,RETAIL TRADE	9	0.32	1.26	0.68	0.04	0.06	0.39	0.30	0.28	0.17	0.04	0.05	0.15	0.15
FINANCE + PROPERTY	10	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
SERVICES	11	0.00	0.00	0.00	0.00	0.07	0.00	0.09	0.03	0.03	0.35	0.03	0.05	0.07
GOVERNMENT	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IMPORTS	13	0.38	1.07	0.74	0.20	0.24	0.78	1.85	1.33	0.07	0.04	0.18	0.44	0.39
TOTAL		2.10	5.27	5.10	0.77	0.80	2.36	7.34	3.82	1.67	9.01	0.93	11.61	2.57

\* RATIO OF FIVE YEAR (1959-60 TO 1963-64) CUMULATIVE CAPITAL PURCHASES  
TO CHANGE IN OUTPUT (1964-65 OUTPUT LESS 1959-60 OUTPUT )



PRICE INDEXES  
(1964-65=1000)

TABLE 24

		YEAR	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66
SECTOR									
FARMING, HUNTING, FISHING	1		951	925	883	877	985	1000	1025
FORESTRY + LOGGING	2		818	850	915	943	971	1000	992
MINING	3		951	918	947	954	981	1000	1009
PRIMARY PRODUCE PROCESS.	4		875	848	856	882	944	1000	1038
OTHER MANUFACTURING	5		925	937	948	951	977	1000	1014
BUILDING + CONSTRUCTION	6		874	901	927	937	954	1000	1045
PUBLIC UTILITIES	7		946	942	956	973	983	1000	1009
TRANSPORT, COMMUNICATIONS	8		906	905	926	958	969	1000	1044
WHOLESALE, RETAIL TRADE	9		858	883	918	940	958	1000	1034
FINANCE + PROPERTY	10		796	830	873	929	964	1000	1041
SERVICES	11		779	797	875	931	940	1000	1082
GOVERNMENT	12		779	797	875	931	940	1000	1082
IMPORTS	13		923	947	965	989	1005	1000	995



## RECENT PUBLICATIONS

### RESEARCH REPORTS

15. *The Problem of Scheduling Sales of New Zealand Butter on the United Kingdom Market*, Robert Townsley, 1965.
16. *A Market Target for the New Zealand Dairy Industry*, A. R. Frampton, 1965.
17. *Breeding Flock Composition in Relation to Economic Criteria*, R. J. Townsley and W. Schroder, 1965.\*
18. *Trends in Production, Trade and Consumption of Wool and Wool Textiles*, B. P. Philpott and D. M. Beggs, 1965.
19. *Standardisation of Farm Accounts for Managerial Analysis*, J. W. B. Guise, 1965.
20. *The Use of Linear Programming in Least-cost Feed Compounding*, N. W. Taylor, 1965.
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