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**REVISED  
P. I. D. E. INPUT-OUTPUT TABLE  
OF PAKISTAN'S ECONOMY: 1975-76**

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## INPUT-OUTPUT TABLES OF PAKISTAN'S ECONOMY: 1975-76

Input-output tables not only provide a consistent accounting framework they are also very useful for analytical purposes. By tracing out the Inter-industry flows in which sector a commodity is produced and how it is consumed in various sectors of the economy an input-output table summarises the interdependence of the various sectors of the economy. Since such tables supply detailed information on estimates of outputs, inputs and the value added in each sector of the economy, they provide a check on National Accounts data as well.

Input-output tables are of basic importance to any planning exercise. In development plans, targets of final demand and gross output of various products are generally marked. However, these targets of gross output may not be necessarily consistent with those of the final demand. Moreover, production plans, being subject to the given resource constraints may not even be feasible. The input-output table evaluates the consistency of the various targets by computing the required levels of gross output in different sectors of the economy corresponding to the given levels of final demand. It also explores the feasibility of such production plans by computing the required labour of various skills, capital, etc. corresponding to the gross level of production.

Input-output tables are not only relevant to evaluating the consistency and feasibility of various development plans they are also quite useful in multi-sector optimisation models as they provide necessary data for constraints formulation. Some other important applications relating to input-output tables are: Projections of demand, output, employment and investment for different sectors of the economy, the overall factor intensities of imports and exports and net foreign exchange earnings or savings through exporting or import-substituting a product, analysis of the effects of wages, profits and tax changes, prices, development planning, etc.

Input-output tables have a fairly long history in Pakistan and date back to 1962, when the first input-output table was formulated by Fei (3). The table related to input structures of only agriculture, mining and large-scale manufacturing sectors. The construction and services sectors were altogether ignored. Obviously, Fei's table was not very comprehensive from analytical standpoint.

The first comprehensive input-output table in Pakistan was prepared by Rasul and related to the year 1954 [24]. The table comprised transaction flows for 71 products corresponding to the cost structure of 27 productive sectors. Following Rasul, a 40 x 40 inter-industry transaction flow matrix relating to the year

1959-60 was prepared by Ahmad (1), a 30 x 30 inter-industry flow table relating to the calendar year 1960 was prepared by Norbye (6), a 30 x 30 table for the year 1960-61 was prepared by Tims (31), and a 54 x 54 inter-industry flow matrix for 1963-64 was prepared by Tims and Stern (15)<sup>1</sup>. However, all these tables related to Pakistan as a whole which included East Pakistan also. Nevertheless, three tables were also prepared for West Pakistan: Rasul's table consisting of 70 sectors and relating to the year 1962-63 [27], Khan and MacEwan's<sup>2</sup> table for 1962-63 consisting of 35 sectors [4], and Rasul and Jarret's table relating to 1968-69 consisting of 21 sectors [26]. We may point out that while all these input-output studies related to either the mid-Sixties or late Sixties, no efforts have hitherto been made to construct a table for the Seventies. Since input-output coefficients change significantly over time, tables relating to the Sixties if applied to the present conditions, may yield altogether misleading results. Hence, the policy makers in general and researchers in particular have been handicapped in policy formulation and economic analysis owing to non-availability of an input-output table for a more recent year.

1. For detailed references of studies on input-output tables, see Rasul (27).
2. Khan and MacEwan prepared the table drawing heavily on Rasul's table. They felt that Rasul's table was lop-sided wherein three fourths of the sectors corresponded to the large-scale manufacturing sector which contributed only 12 percent to the gross national product.

The input-output table presented here relates to the year 1975/76 - the most recent year for which data are available to bridge this important gap.

The plan of the study is as follows. The basic accounting framework and valuation of the transactions are discussed in the first section. The second section is devoted to sector classification. The availability of data required for the formulation of input-output table is discussed in the third section. The inter-sectoral transfers of inputs and outputs in the case of joint-product firms and the imputation procedures adopted in this context are also detailed in the third section. Improvements of the revised version over the preliminary report are discussed in the fourth section. The procedure followed to disintegrate the final demand vector into its various components is also outlined in the fourth section. Finally, limitations of data, possibilities of extending the coverage and suggestions for improving the table are discussed in the fifth section. The inter-industry flow matrix, final demand vectors and I-O coefficients matrix are reported in the Statistical Annexure.

I. Accounting Framework and Valuation of Transaction

a) Accounting Framework:

The following standard input-output accounting framework has been employed to study the inter-industry flow which consists of two balanced equations. The equation for domestic products is as follows.

$$X_i = \sum_j X_{ij} + C_i^d + I_i^d + S_i^d + E_i$$

where

$X_i$  = Production in the  $i$ th activity;

$X_{ij}$  =  $i$ th indigenous input being consumed

in the sector;

$C_i^d$  = Final consumption of the  $i$ th indigenous product;

$I_i^d$  = Use of the  $i$ th indigenous product as investment;

$S_i^d$  = Changes in stock of  $i$ th indigenous product; and

$E_i$  = Export of the  $i$ th product.

The equation for imported products is

$$M_i = \sum_j M_{ij} + C_i^m + I_i^m + S_i^m + RE$$

where

$M_i$  = Import of the  $i$ th product;

$M_{ij}$  =  $i$ th imported input being consumed

in the sector;



$C_i^m$  = Final consumption of the  $i$ th  
imported product;

$I_i^m$  = Use of the  $i$ th imported product  
as investment;

$S_i^m$  = Change in stock of the  $i$ th  
imported product; and

RE = Re-export of the  $i$ th product.

Obviously, there will be two separate input-output coefficient matrices, namely domestic coefficient matrix and trade coefficient matrix.

b) Valuation of Transactions

Input-output tables may be formulated either at producers' prices or at purchasers' prices.

The inter-industry transactions valued at producer's prices imply that transport costs and trade margins on the purchase of inputs are paid by the users of inputs and, as such, these two inputs appear as separate costs in the activity, whereas the valuation of transactions at purchaser's prices implies that each activity bears the trade and transport costs on sales of its output. Therefore, the trade and transport costs incurred on the sale of output appear as inputs going into the activity. Although for valuating inter-industry transactions the notion of producer's prices is superior to that of

purchasers' prices as it corresponds better with the input-output accounting framework, yet the transactions are frequently recorded at purchasers' prices due to data limitations. It may be noted that various surveys and censuses generally report data on cost of inputs at purchasers' prices and the appropriation for trade and transport costs, necessary for converting values at purchasers' prices to those at producers' prices, is going to be rather arbitrary. For example, data relating to inputs in the census of manufacturing industries of Pakistan, are recorded at purchasers' prices. Similarly, costs of inputs in small-scale industries and other sectors are also recorded at purchasers' price. Therefore, the system of purchasers' prices is employed in the input-output table presented in this study.

The value of output at producers' prices has been adjusted for trade and transport costs in order to bring it at purchasers' prices. While the f.o.b. values of exports and re-exports are assumed to be the values at purchasers prices as they include transportation cost and trade margins, the c.i.f. value of imports is appropriated for the import duty, sales taxes, trade margins and transport costs in order to arrive at the value of imports at purchasers' prices.

The point need not be laboured that a finer disaggregation of production activities is more relevant in the analytical content. However, the availability of data defines its own limits to the extent of disaggregation. Since the quality and magnitude of data varies significantly across various sectors of the economy, the table will be lop-sided if disaggregation is merely governed by data availability. Therefore, we must devise some criteria which bring into sharp focus the important links in the economy. The sector classification in this study has been carried out on the basis of the criterion that various products covered in a sector should be homogeneous and bear a similar cost structure. On the basis of this criterion and under the data availability constraint, 118 sectors have been identified which are distributed over various broad groups of activities as follows: 15 in agriculture, 1 in mining and quarrying, 51 in large-scale manufacturing, 30 in small-scale manufacturing, 7 in construction and 14 in services. We shall briefly discuss in the following the rationale of the sector classification we have adopted in this study.

Agriculture has been distinguished into twelve crop sector and three non-crop sectors. The twelve crop sub-sectors are wheat growing on small farms, wheat growing on large farms, rice growing on small farms, rice growing on large farms, cotton growing on small farms, cotton growing on large farms, sugar-cane growing on small farms, sugar-cane growing on large farms, tobacco growing, oil seeds other than cotton seeds, pulses and other crops. Three non-crop sectors are: Livestock, fishing and forestry. Small and large farm activities of wheat, rice, cotton and sugar-cane are distinguished as they differ significantly in their cost structures in these two types of activities<sup>3</sup>. However, the data constraints did not permit us to distinguish tobacco, oil seeds, pulses and other crops between small and large farm activities.

3. Farm sizes upto 12.5 acres are classified as small and more than 12.5 are classified as large farms. 12.5 acres was taken as the deviding line because: (i) This is taken as the subsistence level of holding; and (ii) Inter-size variations in input structure and for productivity were significant when 12.5 acres is taken as the deviding line.

Fifty-one large-scale manufacturing activities have been distinguished. The share and potential of various sectors in output and for exports have been the binding rule in defining sector classification of various activities. Unfortunately, we could not distinguish between cigarette manufacturing, tobacco redrying and stemming activities because the data on both the industries showed that the two activities were highly integrated and as such transferring of outputs and inputs from one sector to another would have been quite arbitrary. Similarly, wood and furniture activities have been left integrated in one sector.

The small-scale manufacturing sector was not given its due importance in previous studies on input-output tables of Pakistan. Small-scale manufacturing activities were either lumped with the large-scale manufacturing activities, as in Khan and MacEwan [4] or all the small-scale manufacturing activities were combined together in one sector, as in Rasul [27]. Since it is widely believed that small- and large-scale activities differ significantly in their respective efficiencies, it would not be very wise to aggregate small- and large-scale activities. Moreover, small-scale activities bear significantly different cost structures among themselves and as such integrating all those activities into one sector is absurd. In the

present study, thirty small-scale manufacturing sectors have been identified to capture differences in small- and large-scale activities.

Seven activities have been distinguished in the construction sector. There are six urban construction activities and one rural construction activity. The urban construction activities include low-cost residential buildings, luxurious residential buildings, factory buildings, public buildings, roads and other infrastructures.

Fourteen service sectors have been identified in this study. Electricity and gas have been classified as separate activities (which were lumped together in the previous tables) as they differ in the nature of the service they provide and bear significantly different cost structures. Similarly, four different types of transport activities are identified, viz. road, rail, air and water transport. Three communication activities viz. television, radio and telephone, telegraph and post have been distinguished because of the differences in the nature of output as well as structure of inputs. Details of the sector classification are given below.

AGRICULTURE: CROP SECTORS

Code No.

- 001 Wheat Growing on Small Farms
- 002 Wheat Growing on Large Farms
- 003 Rice Growing on Small Farms
- 004 Rice Growing on Large Farms
- 005 Cotton Growing on Small Farms
- 006 Cotton Growing on Large Farms
- 007 Sugar-cane Growing on Small Farms
- 008 Sugar-Cane Growing on Large Farms
- 009 Tobacco Growing
- 010 Oilseeds other than Cotton Seeds
- 011 Pulses
- 012 Other Crops

AGRICULTURE: NON-CROP SECTORS

- 013 Livestock
- 014 Fishing
- 015 Forestry

MINING AND QUARRYING

- 016 Mining and Quarrying

## LARGE-SCALE MANUFACTURING INDUSTRIES

- 017 Grain Milling
- 018 Rice Milling

019	Sugar Refining
020	Edible Oils
021	Tea Blending
022	Fish and Fish Preparations
023	Confectionery and Bakery
024	Other Food Industries
025	Beverages
026	Cigarettes and other Tobacco Products
027	Cotton Yarn
028	Cotton Fabrics
029	Silk and Synthetic Textiles
030	Woollen Textiles
031	Hosiery
032	Thread Ball Making
033	Carpets and Rugs
034	Other Textiles
035	Footwear Other Than Rubber Footwear
036	Wearing Apparel
037	Wood, Cork and Furniture
038	Paper, Paper Board and Paper Products
039	Printing and Publishing
040	Leather and Leather Products
041	Rubber Footwear
042	Other Rubber Products
043	Pharmaceutical and Medicinal Preparation
044	Fertilizer
045	Perfumes and Cosmetics



046	Paints and Varnishes
047	Soaps and Detergents
048	Matches
049	Other Chemicals
050	Plastic Products
051	Petroleum Products
052	Cement
053	Glass and Glass Products
054	Other Non-metallic Mineral Products
055	Basic Metals
056	Metal Products
057	Agricultural Machinery
058	Other Non-electrical Machinery
059	Electrical Machinery
060	Bicycles
061	Auto-assembly and Parts
062	Ship Building
063	Cotton Ginning
064	Office Equipment
065	Sports Goods
066	Surgical Instruments
067	Other Large-scale Manufacturing Industries

#### SMALL-SCALE MANUFACTURING INDUSTRIES

068	Grain Milling
069	Rice Husking
070	Gur and Khandsari

071	Edible Oils
072	Other Food Industries
073	Beverages
074	Tobacco
075	Cotton Textiles
076	Silk and Artsilk Textiles
077	Carpets
078	Other Textiles
079	Shoe Making
080	Wood
081	Furniture
082	Steel Furniture
083	Printing and Publishing
084	Leather Goods
085	Rubber Products
086	Chemicals
087	Plastic Products
088	Non-Metallic Mineral Products
089	Iron and Steel Remoulding
090	Metal Products
091	Agricultural Machinery
092	Non-electrical Machinery
093	Electrical Machinery
094	Transport Equipment
095	Sports Goods
096	Surgical Instruments
097	Other Small-scale Manufacturing I

CONSTRUCTION

098	Low-cost Residential Buildings
099	Luxurious Residential Buildings
100	Rural Buildings
101	Factory Buildings
102	Public Buildings
103	Roads
104	Infrastructures

SERVICES, N.E.S.

105	Ownership of Dwellings
106	Electricity
107	Gas
108	Wholesale and Retail Trade
109	Road Transportation
110	Rail Transportation
111	Air Transportation
112	Water Transportation
113	Television
114	Radio
115	Telephone, Telegraph, and Post
116	Banking and Insurance Services
117	Government Services
118	Services not elsewhere specified

120	Total Domestic Intermediate Inputs
130	Total Domestic Imported Inputs
140	Total Intermediate Inputs
150	Indirect Taxes less subsidies
160	Value Added
200	Gross Value of Output

III. ESTIMATES OF OUTPUT, INPUTS AND INTER-INDUSTRY  
TRANSACTIONS

In general a column-by-column approach to estimate various components of the Input-output table is employed in this study. That is, first a sector-wise analysis of the structure of inputs is carried out, and total inter-sectoral deliveries are then estimated by summing up all columns for a row. However, estimation of inputs through a row approach, by distributing total cost of these inputs over all sectors on the costs of some known or assumed proportion, is obtained wherever it is found inevitable. Banking and Transport costs are the two important inputs for which a row estimation is made. We will first discuss the distribution of these inputs over various sectors prior to sector-wise discussion of the structure of inputs.

Distribution of Banking  
and Transport Inputs

Interest payments, material costs and value added altogether form the total cost of the banking sector. Interest payments, being financial flows, are generally ignored in the input-output analysis. Total output originating in the banking sector has accordingly been taken as the sum of material costs and the value added. The deliveries of the banking sector are distributed over deposits and advances in the proportion of their respective values. These deliveries are then distributed

over various activities corresponding to the advances to various sectors of the economy, while deliveries of the banking sector corresponding to deposits have been allocated to the final demand.

As mentioned earlier, four transport activities, viz. railway, road, air and sea transports, have been identified. Data relating to railway freights paid by various activities are available from [20]. The gross value of output in transporting goods through trucks has been estimated on the basis of the value added data reported in National Accounts. Data are also required on the distance over which goods have been transported in addition to those on volume of goods so as to enable us to distribute transport costs over various activities. No such information was directly available for the year 1975-76. Per unit/kilometer cost is provided in previous input-output tables which, however, needs to be adjusted for increases in fares. Therefore, the per unit/kilometer cost in 1962-63, coupled with the gross output in various sector in 1975-76, was employed to compute relative shares of various activities in transport cost. These proportions were then used to compute transport costs for various activities. In order to arrive at road transport cost, these costs are further adjusted for the cost involved in other transport activities.

As described before, in this study we have followed an approach in which the structure of inputs for each sector has been analysed. Beginning with the agriculture sector we discuss below the procedure adopted, in valuating output and inputs by sectors.

Valuation of Output and Inputs  
in Agriculture (Crop Sector)

a) Valuation of Output:

The gross value of the output of wheat, rice, cotton, sugarcane, tobacco, oilseeds, pulses and other crops is obtained from the the National Accounts of Pakistan. However, the National Accounts data do not report any information on the value of fodder which forms a major proportion of other crops; nor do they give the value of output by farm size. We now discuss the methodologies adopted in estimating the value of fodder and splitting the output of wheat, rice, cotton and sugarcane by small and large farms.

The value of fodder crops has been estimated as a product of acreage under fodder crops and the value of fodder per acre, while the acreage under fodder crops has been taken from the Economic Survey [9]. But the survey does not report the value of fodder output per acre. However, Salam [28] did provide the value of fodder for the year 1972-73, based on data yielded by the Farm Mechanization Survey. After allowing for the price increase for the intervening period, the value of fodder per acre is estimated at Rs.600.

The value of output of wheat, rice, cotton, and sugarcane has been distinguished by small and large farms on the basis of sown average and per-acre

yield differences between the two types of farms. The Pakistan Economic Survey reports data on these crops. The percentage of the area under small and large farms has been computed on the basis of the data reported in the Census of Agriculture, 1972 [11]. The two sources provide us crop-wise data on acreage by farm size. Average Yields per acre on the two types of farms were obtained from the WAPDA Survey,<sup>4</sup> which is also the main source of data on the input structure of the crop sector in this study. On the basis of the ratios computed from the data on area under the two sizes of farms for each crop and the average yields on the two farm sizes were employed to divided the value of output obtained from the National Accounts<sup>5</sup> into the values of output on small and large farms.

b) Valuation of Inputs:

The following inputs have been taken into account for the crop-sector.

1. Seeds
  2. Farm-yard Manure
  3. Green Manure
- 
4. The WAPDA Survey, conducted for 1976-77, covered 1400 farms.
  5. Data relating to the total value of output reported in the National Accounts have been given preference to those contained in the Survey due to the wider coverage of the former.



4. Fertilizer
5. Gypsum
6. Insecticides
7. Trade
8. Transport
9. Water
10. Fuel
11. Electricity
12. Maintenance of Tractors, Tubewells and  
Hand-tools
13. Draft Power
14. Banking

The information on per acre consumption of seed, farm-yard manure, Gypsum and insecticides for various crops were available from the WAPDA Survey. The fertilizer consumption have been obtained from NDFC Report [19]. As crop-wise fertilizer consumption is not available from any source, it has been arrived at indirectly. The acreage under various crops by farm size, along with per acre fertilizer off-take in various crops as reported in the WAPDA Survey, generated the data given in Table 6, representing the proportions in which fertilizer has been applied to various crops.

Table 6

Crop-Wise Use of Fertilizer by Farm Size  
(As percentage of total consumption)

Crops	Farm Size	Use of Fertilizer as % of Total Fertilizer Use in the Agriculture (Crop) Sector
Wheat		48.80
	Small Farms	16.43
	Large Farms	32.37
Rice		8.25
	Small Farms	3.23
	Large Farms	5.02
Cotton		15.70
	Small Farms	4.78
	Large Farms	10.92
Sugar-cane		7.56
	Small Farms	2.91
	Large Farms	4.65
<b>Pulses</b>		0.14
<b>Oilseeds</b>		0.14
Tobacco		1.65
Other Crops		<u>17.76</u>
	Total	<u>100.00</u>

While the cost incurred on the use of canal water has been shown as input appearing against the government sector, the cost on tubewell water has been sliced down into cost involved in diesel oil, electricity and the maintenance of tubewells. The cost of canal water has been distributed over the agricultural activities of the crop sector on the basis of the irrigated area under each activity and the intensity of water use. The Agriculture Census 1972 reports data on irrigated area as proportion of the total area under various crops by small and large farms. These data, coupled with those on crop-wise total acreage as contained in Economic Survey, provide us with the irrigated area under various crops by farm size. This area under different crops, multiplied by water rates obtained from Chaudhary and Ashraf [2], gives the cost incurred on canal water in various agricultural activities.

Tubewells are either electricity- or diesel-operated. The cost of electricity consumed in agriculture has been obtained from WAPDA reports. Since electricity is provided at subsidised rates to the agriculture sector, the costs given in the WAPDA reports underscore its usefulness. Electricity has accordingly been appropriated for a pre-subsidy situation. Information on per acre water requirements and the acreage under different crops was employed to compute electricity consumption by crops and farm size.

The Energy Data Year Book [16] provides the cost of diesel to operate tubewells. Fuel consumption in agriculture has separately been distinguished as consumption of Light Diesel Oil which is used in running tubewells, while fuel consumption for operating tractors has been integrated with the fuel used by transport as given in the Energy Data Year Book. The information relating to the number of tractors, average use in hours per year per tractor and the average cost of diesel per tractor has been manipulated to estimate fuel consumption on tractors. The Census of Farm Mechanization [12] reports data on tractor hours operated in 1975-76, while the Farm Mechanization Committee [10] suggested the diesel consumption as 1.25 gallons per tractor hour. However, the diesel consumption per tractor hour is expected to decline over time since tractors of 45 H.P. or less formed a larger proportion as compared with that in the Sixties. Fuel consumption per tractor hour has, therefore, been assumed to be one gallon. This assumption is also supported by the few farmers who were interviewed. Cost of High Speed Diesel Oil has been assigned to various activities on the basis of acreage under different crops<sup>6</sup>. Fuel consumptions by tractors and tubewells were combined together to represent total fuel consumption in various agricultural activities.

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6. Although ploughing may differ across various crops, no such data have been collected in Pakistan and as such it is not possible to distribute fuel costs in a more refined manner.

The data on marketed surplus in various crops and the trade margins, as obtained from the National Income Commission Report [21] and the Utilization of Agricultural Commodities [13], have been employed to arrive at trade input in different agricultural activities.

The maintenance cost of agricultural machinery has been derived from the data reported in the Farm Mechanization Report. On the basis of the number of tractors and tubewells and the average cost of maintenance, the total cost of repairs has been estimated. This cost has been then distributed over various crops in accordance with the fuel costs incurred on tubewells and tractors.

The value of draft power is assumed equal to the value of fodder crops in the National Accounts, which is not necessarily true. An attempt has, therefore, been made to impute values to both the fodder crops and the draft power. The cost per bullock taken from the Farm Budget Survey [23] and the number of draft animals obtained from the livestock census [23] have been employed to estimate the value of draft power.

The value-added estimates in the crop sector of agriculture as arrived at in this study differ from those in National Accounts because the cost involved in those inputs which have been accounted for in this study has not been deducted from the value of output in the National Accounts. Draft power is one of these inputs. On the output side, the value of fodder, which was not included in the National Accounts, has been accounted for in this study. In Table 7, the value added in agriculture as reported in this study is compared with that reported in National Accounts.

Table 7

Value Added in Agriculture (Crop Sector)

Source of data	(Million Rs.)
	Value Added in the Agriculture (Crop Sector)
National Accounts	26,602
Estimates of this Study	25,820

The table shows that the value added in r " agriculture (crop) sector, as estimated in the present study, is lower than that reported in National Accounts. However, as we shall see later, this is more than compensated by an increase in the value added in the non-crop sector of agriculture.

Valuation of Output-Inputs  
in Livestock

The estimates of the value added in the livestock activity as given in National Accounts are based on the number of animal heads taken from the livestock census and the assumed value of output per animal head. It is further assumed that no current inputs are being consumed in this activity and as such the value added is equal to the value of output. It is worth noticing that while no current input is accounted for in the livestock, draft power is also not included in the value of its output. In this study, the value of draft power is imputed according to the methodology outlined earlier and the value of output originating in the agriculture sector has been accordingly adjusted. The other inputs in addition to the fodder crops which have been identified in the livestock sector are pharmaceuticals and medicines and mining and quarrying.

Valuation of Output  
and Inputs in Fisheries

The value of output in Fisheries has been taken from the National Accounts. The cost of current inputs, viz. plastic products, trade and transports, has been estimated following the methodology described in the National Accounts.

Valuation of Output and  
Inputs in Forestry

The National Accounts estimates of the value of output in forestry fell far short of what is actually originating in this sector. These estimates seem to ignore the value of the forest grazed in rural areas for purposes of construction and firewood. The estimated use of forestry products was Rs.848.5 million as against the value of output of Rs.297.2 million in the National Accounts. Therefore, the higher figure has been used. The cost structure was obtained from the Statistics of Forestry [7].

As discussed above, the value is imputed to both the fodder and draft power. Since draft power is also used in other sectors, e.g. in transport, the value added in agriculture as reported in National Accounts is under-estimated. Moreover, the estimates of forestry in our study are also higher than the ones given in National Accounts. Therefore, the value-added estimates in agriculture in the present study exceed those reported in the National Accounts. The comparison of the two sets of estimates is given in table 8.



Table 3

Comparison of Estimates of Value Added  
in Agriculture of this Study with those  
of National Accounts.

Source of Data	(Million Rs.)		
	Value Added in Agriculture		
	Total	Crop Sector	Non-Crop Sector
National Accounts	38,322	26,602	11,720
Estimates of this Study	39,728	25,820	13,908

It may be noted that with the necessary adjustments made in this study for computation of the value added, the share of non-crop sector in the value added in agriculture increases from 30.6 percent to 35.0 percent.

#### Valuation of Output and Inputs in Mining and Quarrying

The value of output in mining and quarrying, as reported in the National Accounts, is significantly lower than the value of such inputs used by all sector. Therefore, the National Accounts data were adjusted for the estimates of sand and stone used in the construction activity. The estimates of inputs and the value added are derived by following the methodology indicated in the National Accounts.

by sectors.

### Input and Output Valuations in Large-Scale Manufacturing

Any firm registered under 2j or 5i regulations, i.e. a firm employing ten or more persons, has been defined as a large-scale manufacturing firm in this study. Almost every year a census of manufacturing establishments is carried out which includes data on fixed assets, labour, output, material costs, fuel, electricity and some other costs. Although censuses do provide data on detailed input structures needed to formulate the input-output table, these data are not available even in tabulated form except for the Punjab. Therefore, to derive data on input structures relating to other three provinces, we have to rely on CMI questionnaires.

Among others, the major problem that the CMI data suffer from has been that of rather high ratio of non-response by firms to the CMI questionnaire, the non-response over a few years having gone up as high as forty percent. No comprehensive survey has so far been carried out in this context since 1959/60.<sup>7</sup>

In order to formulate an inter-industry flow matrix, we required data free of these bottlenecks. Therefore, the FIDE partially sponsored the survey on non-respondent firms to eliminate such problems in the CMI data.

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7. Although a survey was carried out in 1963-64, it was not very extensive.

Moreover, the CMI data relating to other costs except indirect taxes, insurance and selling charges are not very reliable. The quality of data relating to other costs which include telephone, telegraph and postal costs, water charges, and other service charges could not escape grave doubts of even the Bureau of Statistics itself. Consequently, data on other costs, as reported in the Census of Manufacturing Industries have not been considered, while the data on indirect taxes, insurance and selling expenses were drawn from the CMI as these were of reasonably good quality.

Most of the manufacturing industries are joint-product industries and as such these products could not be classified in a single sector. All such industries require transfers of outputs and inputs from one activity to another. The inter-activity transfer of inputs may be carried out on the basis of either commodity technology or industry technology. The commodity technology assumes that the commodity has the same input structure irrespective of the activity in which it is being produced, while industry technology assumes that the cost structure is the same for all products in a particular activity. The commodity or industry technology has been employed to make inter-industry transfers of output and inputs in the case of joint-product industries depending upon the problem at hand.

The inputs already being valued at purchasers' prices need no adjustment, while the output as being valued at producers' prices did require adjustment for trade and transport mark-ups to

help in arriving at the value of output at purchasers' prices. Trade mark-ups used in this study are those which relate to the National Accounts and are contained in the earlier input-output tables<sup>8</sup>.

The Census of Manufacturing Industries adjusted for non-response, provided us with data on output and inputs which fully account for non-response. However, in two activities, viz. Cotton ginning and petroleum products, the estimation was based on independent data sources.

A comparison of the value added in large-scale manufacturing sector as estimated in this study with that reported in National Accounts will be of interest to data analysts, and is given in Table 3.

Table 3.

Value Added in the Large-Scale Manufacturing Sector

	<u>(Million Rupees)</u>
National Accounts	14,438
Our Estimates	9,056

The two sets of estimates clearly strike a surprising difference which calls for an explanation. To understand the nature of the difference between the two sets of estimates, one should know how the National Accounts estimates are prepared in Pakistan.

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8. Mark-ups are expected to increase over time. As such our estimates understate the trade margin. These will be discussed in Section V.

Estimates of the value added in large-scale manufacturing at constant factor cost of 1959-60 are obtained by applying a quantum index of industrial production to the benchmark estimates for 1959-60. The index is based on the CBR returns and a survey conducted specially for the National Accounts. To arrive at value-added estimates at current factor cost, the data on constant factor cost are multiplied by wholesale price index for the manufacturing sector which may lead to erroneous estimates of the value added because the ratio of the value added to the value of gross output may not remain invariant. For example, this ratio has declined from 32.3 percent in 1959-60 to 24.5 percent in 1975-76. Secondly, inflating the constant factor cost data by wholesale price index does not necessarily yield data at current factor cost since price indices are also influenced by changes in indirect taxes. Therefore, both these factors would be responsible for overstating the value added reported in National Accounts. Moreover, the difference in the estimates of other 'costs' could be another factor responsible for the difference in the two sets of the value-added estimates. Other costs were assumed to be nearly Rs.63 million, which is 1.76 percent of the output, to evaluate the value added in 1959-60; on this basis the other costs worked out at 8.45 percent of the gross output at factor cost in 1975-76. The difference in the value added to the extent of Rs.2442 million in the two sets of estimates can be attributed to the differences in other costs. Since estimates of indirect taxes for 1959-60 are not available, we can not determine the extent to which the tax

increase is important in explaining this difference. The above considerations have led us to safely conclude that National Accounts grossly overstate the value added originating in the large-scale manufacturing sector.

### Small-Scale Manufacturing Sector

The small-scale activities were either integrated with large-scale activities or lumped into a single sector in all previous input-output tables. On the other hand, thirty small-scale activities have been distinguished in the present study.

Data for small-scale activities were obtained both from the Census of Small-Scale Industries, Punjab, and the province-wise Census-Cum-Survey of Small-Scale Industries, conducted by the Statistics Division, relating to the year 1976-77 which, however, relate only to the urban areas. The following methodology has been employed to account for the rural small-scale manufacturing activities: The major rural activities, viz. rice husking, flour milling, gur making, edible oils and textiles, are identified. In the first place, the value of production in these industries has been estimated through residual method, i.e. the raw materials which have not been elsewhere consumed are used in the small-scale activities. Paddy, wheat, sugar-cane, oilseeds and cotton yarn have been identified as major inputs respectively in the activities listed above. The output and other input data were then blown up on the basis of the major input.

Data on input structures in the small-scale manufacturing like similar data relating to large-scale manufacturing sector, were also compiled by the PIDE. Input structures of only those firms were obtained which employ ten persons or less.

It is interesting to compare the value added in small-scale manufacturing sector as estimated in this table with that reported in National Accounts.

Table 4

Value Added in Small-Scale Manufacturing Sector.

	(Million Rupees)
National Accounts	5,616
Present Estimates	4,755

Again, we observe a clear difference between the two sets of value-added estimates. The value added estimated in this study falls short of the value added reported in National Accounts. However, this discrepancy may be attributed to the definition we have followed to classify the small-scale manufacturing sector. National Accounts define small-scale establishments as those which employ less than twenty workers, while the census of manufacturing industries regards the firms employing even ten persons as large firms. As such, there is an overlap between small- and large-scale activities.

Consequently, only those firms were classified as small which employed ten workers or less in the present study. Obviously, the value added originating in the small-scale sectors as defined in National Accounts would be overstated as compared with that originating in small-scale activities as defined in this study due to broader coverage of the former.

### Construction

Construction has been one of the rapidly growing activities in Pakistan and as such it has an important bearing on the economy. Its exclusion from the input-output table will make the table less representative. The output originating in the construction sector flows to ownership of dwellings and the rest to investment. Since the construction activities differ in both nature of output and input structure, different types of construction activities are identified. Especially, construction in rural areas is distinguished from that in urban areas. The urban construction activities are further differentiated in low-cost buildings, luxurious buildings, factory buildings, public buildings, roads and infrastructures. As assumed in National Accounts, the value of output in construction has been taken as ten times the cost of cement and that of the value added as four times the cost of cement. The value added in rural construction is obtained by adjusting the rural value added in construction for that originating in urban sector. The value of output in rural construction as estimated in National Accounts has been taken as twice the value added in rural construction.



Data relating to urban activities have been obtained from estimates of construction investment in various sectors which are sufficient to estimate the value of construction, on the basis of the data obtained from Wasiruddin 7187, the value of output in construction is divided into buildings and other construction. Low-cost urban buildings are also distinguished from luxurious housing. The value of output in these two activities has been estimated by dividing the value of output in residential buildings on the basis of a 75:25 ratio. This ratio was obtained from plot distributions, loan sanctions and the number of houses made up of three rooms or more as reported in the 1972 Housing Census, while the input structure has been derived from the following three sources: the Department of Urban Planning and Housing; the Wasiruddin Report 7187 and the UCL Report 7177 prepared for the Planning Commission.

### Services

The data both on the input structures and on distribution of electricity over various sectors of the economy were obtained from WAPDA Reports. The census of electricity undertakings carried out by the Federal Bureau of Statistics also proved useful in this context. The electricity cost was distributed in accordance with the data contained in the WAPDA reports censuses of small- and large-scale manufacturing industries, and the survey of small-scale industries, while the input structure relating to electricity has been obtained from the WAPDA Report 7227.

The Sui Northern Gas Company Report provides data on both input structure and distribution of gas over various sectors. The estimates of gas use as obtained from the report were employed except in the case of the manufacturing sector, while the gas consumption estimates reported in the censuses of small- and large-scale manufacturing industries were preferred for small- and large-scale manufacturing activities.

The methodology followed in National Accounts has been pursued to estimate the value added in the wholesale and retail trade, by applying mark-ups to actual commodity production and imports. These mark-ups relate to earlier year and were also contained in previous studies on input-output tables. These old estimates were employed owing to non-availability of fresh data.

Since railways, road, air and waterways transports all differ in both output and input structure, they were separately distinguished. National Accounts provide data on output originating in all these activities. The data on input structure of air, railways and other transports were available from the Transport Cell report 7227. The report also provides data on public transport. However, the report did not provide data on private transport. A small transport survey relating to the private sector was carried out at Rawalpindi to obtain the value of output and input structure for buses and trucks.

Three communication sectors viz. Television, Radio, Telephone, Telegraph and Post have been separately distinguished as they differ both in the nature of their respective outputs

and in their input structures. Data on output and input structures for radio, telephone, telegraph and post were available from their respective Annual Reports and the profit and loss accounts, while such data on television activity were provided by the Pakistan Television Corporation.

The value of output originating in the ownership of dwellings equals the rental value of the houses. National Accounts provide data on the value of output. In order to compute the value added, the data have been adjusted for repairs and maintenance.

The value added in the government sector excludes the value added originating in telephones, telegraph and post activity. The necessary data were obtained from the Economic Analysis of the Budget 1987. Data on the value added have been obtained from the National Accounts, while the data on input structure were not available. Ultimately, we had to rely on the estimates provided in earlier input-output tables.

Table 5 compares the estimates of gross domestic product relating to National Accounts a previous version of the present input-output table and the present, revised input-output table. The GDP estimates in these two versions are lower than those given in National Accounts owing to lower value added in both small- and large-scale manufacturing sectors. Moreover the revised estimate seems slightly improved over the previous estimate. However, value-added estimates in individual sectors

corresponding to previous and revised versions of the current input-output table do not transmit any contradictory signal.

Table 5

Gross Domestic Product

(in million Rs)

Sectors	National Accounts Estimates	Previous Estimates	Revised Estimates
1. <u>Agriculture</u>	38,322	39,089	39,728
a. Crop-sector	26,692	25,544	25,820
b. Non-crop sector	11,720	13,545	13,908
2. <u>Mining and Quarrying</u>		1,124	1,135
3. <u>Manufacturing</u>	20,954	13,899	13,811
a. Small-Scale	5,613	4,393	4,755
b. Large-Scale	14,433	9,506	9,056
4. <u>Construction</u>	6,739	6,739	6,519
5. <u>Services n.e.s.</u>	54,503	55,303	55,622
Gross Domestic Product	120,586	116,154	116,815

IV. SALIENT FEATURES OF  
THE REVISED VERSION

When operating on row sums of inter-industry transaction flows, we find that the preliminary Report<sup>1</sup> on Input-output Table involved numerous problems which were not unexpected in such an ambitious exercise.

These problems relate to misallocation of a number of inputs, trade and transport mark-ups, excess of exports over output in various sectors and excess of inter-industry deliveries of different indigenous and imported products over output and imports of these goods, respectively. All such problems have together created the imbalance between supply and demand of these activities.

As regards misallocations, appropriate allocations have been made after careful scrutiny of the problem at hand. As pointed out earlier, trade and transport mark-ups also require certain readjustments. In the case of wholesale and retail trade activity, there is no consumer demand for the output originating in this sector, since the output in this activity is defined as the sum of trade margins on domestically produced and imported goods. Therefore, the existing residual of output less intermediate consumption in

1. Preliminary Report, hereinafter, refers to the PIDE Input-Output table of Pakistan's Economy by Kemal, Saleem and Tallat.

this activity has been redistributed as trade margin on both output and imports on the basis of the already existing proportions in trade margins across various activities. On the other hand, the proportion of output originating in road transport activity required to meet the consumer demand was rather too high and as such the estimates for intermediate demand in this activity seem somewhat unrealistic. In other words, the proportions of output devoted to transport margins on both output and import levels corresponding to various activities have been under-reported. To obtain reasonable estimates for transport margins on both output and import levels, the consumption coefficient relating to the earlier Input-Output Table has been employed first to estimate deliveries of the activity to consumption. The excess of the previous consumption estimate over the estimates thus obtained has been then redistributed as trade margins on output or imports on the basis of the already existing proportions in transport costs across various activities.

The output and import levels have been accordingly adjusted for these trade and transport mark-ups in order to bring them in conformity with the definition of the purchasers' price.

For a number of activities, the value of export alone has exceeded the value of output originating in

these activities, while intermediate and final demands were yet to be met from the respective output levels. This excess has been amplified manifold in some of the cases which is clearly absurd and emits an alarming signal about the reliability of the CMI data in this regard. Obviously, the CMI data drastically understate the value of output relating to these activities. One can associate this discrepancy with the price differentials that have existed between domestic and international markets for the products of these activities. No doubt, the argument seems quite plausible, yet it is not applicable in most of the cases as we do not expect any significant price differentials in domestic and international markets. In one or two cases the argument seems valid. Still the prevailing price differences in the two markets for the products of these activities do not fully compensate for the excess of export over output levels which is manifold. An indirect approach has therefore been employed to estimate the value of output in these activities. The final consumption estimates have first obtained on the basis of either the Household Income and Expenditure Survey 1972, or an earlier table by Khan and MacEwan, whichever is found appropriate to the problem in hand. The value of output in each

activity has been then obtained by summing up the final consumption thus obtained to intermediate consumption and exports relating to the respective products of these activities. The input structures relating to various activities have been adjusted for these output levels. However, these consumption estimates thus obtained cannot be regarded as true representative in the sense that the consumption output ratios relating to an earlier table assume a constant consumption pattern over time for the activities for which these ratios have been employed which is somewhat unrealistic assumption. Nevertheless, an attempt has been made to obtain somewhat reasonable estimates of output levels for the activities in question in the absence of independent information on final consumption of these products.

The inter-industry consumption estimates of various inputs as reported in the preliminary report have exceeded their respective output levels for a number of activities. The excess can be attributed partially to indirect imports and partially to the consumption of previous stocks. Although the CMI reports data on direct imports, it does not report data on indirect imports. Since the imports, made by various activities both for their own consumption and for meeting the inter-industry demand of various other activities are,



when retraded, considered domestic deliveries to various sectors of the economy, they may result in overstating the inter-industry consumption of domestically produced goods and in understating the intermediate consumption of imported goods. As a result, such problems have been observed for a number of activities in the preliminary report of the input-output table. Again, due to non-availability of independent information on final consumption of indigenous or imported goods, we have to rely on the Household Income and Expenditure Survey or on Khan and MacEwan's Table to obtain indirect estimates of consumer demand. However, this estimation procedure has its own limitations a constant consumption pattern for both imported and domestically produced goods has been assumed which is not very realistic. Nevertheless, no other other option is available. These consumption estimates for domestically produced goods, coupled with exports, have been employed to arrive at the intermediate demand for the products of the activities in question. The excess of the previous inter-industry consumption estimates over the estimates thus obtained for various activities have been allocated to the intermediate consumption of respective imported goods, provided the imports allow for it. The residual has been allocated to stock changes and the corresponding row adjustments both for indigenous and imported inputs have been then made.

Still another problem of vital concern is that small-scale activities do not distinguish between indigenous and imported inputs and as such indigenous inputs have been lumped with the imported inputs in these activities. In order to resolve this problem, corresponding to each activity in the small-scale manufacturing sector, an activity in the large-scale manufacturing sector has been first identified. The proportions of 'imported inputs' in the total for various large-scale activities have been then applied to the corresponding inputs in each small-scale activity as to obtain a separate account for imported inputs. These proportions implicitly assume the small-scale activities to be as import-intensive as large-scale activities are. It has been further assumed that small-scale activities conduct purchases of the imported inputs only to meet their own requirements and do not sell out these inputs to other activities. That is to say, small-scale activities fulfill their import requirements through purchases of these inputs from the large-scale manufacturing sector alone.

In the process of revising the table, a number of activities have been re-estimated. Petroleum Products and infrastructures have been estimated on altogether fresh data.

All these innovations and adjustments have changed the whole texture of the preliminary report. Most importantly, the basic accounting framework has been altogether changed in the revised version wherein two sets of accounting equations, one for

domestically produced goods and the other for imported goods, have been identified to estimate various inter-industry relations in the economy.

### Final Demand

There are, in fact, two final demand vectors corresponding to two different sets of accounting equations, one for indigenous and the other for imported goods. The final demand for domestically produced goods may be defined as comprising of consumptions investment, stock change and exports, while the final demand for imported goods may be regarded as consisting of consumption, investment, stock changes and re-exports. Basically, the final demand for indigenous/imported goods is nothing more than the distribution of the difference between output/import levels and the intermediate demand for these goods among consumption, investment, stock changes and exports/re-exports. Since there is no direct information available on various components of the final demand, except on exports and re-exports for which data are available from independent sources, these have been arrived at by using the residual method.

When exports are subtracted from their respective residuals of output less intermediate demand for products of various activities, we are left with a remainder which consists of consumption, investment and stock changes. Likewise, we can arrive at a similar final demand residual for imported goods.

Stock changes in both indigenous or imported activities have been identified separately when a residual could not be explained other than a stock change and as such most of the commodity deliveries (indigenous or imported) to consumption and investment include an element of stock change.

The residuals of the final demand for both indigenous and imported goods are still to be distinguished between the deliveries to consumption and investment. The residuals appearing against all the construction activities have been directly allocated to investments. In order to distinguish the residuals by consumption and investment, the goods both indigenous and imported which are likely to be invested, have been identified in the first instance. On the other hand, the proportions of output levels relating to these goods in total have been applied to their respective residuals in order to arrive at investment estimates of these activities. The residuals net of these investment estimates corresponding to various activities have been allocated to consumption.

V. LIMITATIONS OF THE STUDY AND DIRECTION OF FURTHER RESEARCH

Pakistan, being a developing economy, is no exception regarding data availability constraints which always cause injury to researcher's zeal in pursuing perfection in his goals. Given a strong data base, a researcher enjoys a fair amount of confidence in suggesting various policy measures based on his research exercises in different spheres of the economy which may otherwise prove fatal or misleading. The situation becomes even worse when one is dealing with economy-wide accounting exercise such as input-output tables which involve enormous data. And where in any inconsistency left not only affects the quality of the table itself, it also affects by an amplified magnitude the quality of the table-based exercises which vary from multi-sectoral modelling to evaluating the consistency, feasibility and optimality of various economic plans.

This perception in no way suggests that such exercises in the absence of strong data base are useless. Yet it is not advisable to work under these conditions all the time. Almost every research exercise ends up in exploring certain data gaps or in accruing dis-satisfaction over the quality of the existing data which always define their own limits to a given exercise. These data gaps or data which are of poor quality must be brought to the notice of the data-producing agencies.

Unfortunately, in Pakistan the co-ordination system between researchers, planners and data producing agencies, if at all

existing is quite loosely organized. This lack of co-ordination to data has left the problem of data availability or consistency unresolved. Hence, there is an imminent need for pooling the work effort of these agencies so as to provide a data base of reasonably good quality relating to those areas of the economy in which data are either insufficient or altogether missing.

In this spirit, an economy-wide input-output table exercise was initiated by the PIDE. It also aimed at exploring the various existing data gaps which have limited the scope of the study to a certain extent. Data gaps, which have been brought under sharp focus in this study, relate almost to all sectors of the economy and require some serious attention from the data-producing agencies. Next, we will try to elaborate the humps and valleys of data that we have come across in the present study.

While the National Accounts provide data on the value of agriculture output, they do not provide data on inputs in agriculture. On the other hand, the Census of Agriculture does not report data on value of output though it does report data on some of the inputs. In this study, the relevant information has been gathered from both National Accounts and a VAPDA Survey report to estimate input-output co-efficients in the agriculture sector. There is an imminent need for a comprehensive survey of the agriculture sector. It may be noted that the existing data have failed to distinguish a number of agricultural

activities, viz. fruits, vegetables, spices, fodder and other minor crops, which have an important bearing on the growth and prospects of agriculture. Similarly, the data on growing of tobacco, pulses, oilseeds and other crops were insufficient to distinguish small- and large-farm activities. In any future attempt at input-output tables, small- and large-farm activities should also be distinguished. Moreover, the data required for the valuation of fodder have been rather insufficient and the estimates included here are based on a small survey and some adhoc assumptions. Finally, data on primary inputs employed in agriculture have been altogether non-existent. The need for a detailed survey in this direction is quite obvious.

The value of output originating in livestock has been estimated as described in National Accounts, i.e. a constant animal/bird ratio is assumed. These ratios relate to the early Sixties and even at that time they were mere educated guesses. Therefore, the livestock census which is periodically carried out in Pakistan should include value of output in addition to the head-count. Moreover a comprehensive survey is essential to estimate the cost of maintaining animals. The studies which have so far been carried out in this context are based on very small samples.

National Accounts grossly understate the value of output originating in the forestry only because the wood cut in rural areas has not been taken care of. Since it forms a major proportion of forest activity, the omission is quite conspicuous.

The need of a survey is evident.

While the data on the value of output in mining seem of good quality, they miss out the quarrying activities, viz. sand and stone used in the construction activities. In the present study, the National Accounts data have been adjusted for the input use in the construction sector.

Data on small- and large-scale manufacturing industries were sufficient to distinguish a reasonable level of sectoral disaggregation. However, the quality of data, especially of those relating to other costs, needs to be significantly improved. The cost structures relating to small-scale activities do not distinguish between indigenous and imported inputs which should be accounted for in future surveys of small-scale industries. Moreover, the National Accounts data do not account for the small-scale activities existing in rural areas, which in fact stresses the need for a survey.

Although seven different activities have been distinguished in the construction sector, yet we have been forced to rely on secondary data sources. One feels that there is a need to conduct an extensive survey of the construction sector. The cost structure relating to these activities must also distinguish between indigenous and imported inputs and should account for primary inputs and taxes and/or subsidies.

As regards services, data were sufficient and of good quality in most of the activities in this sector, such as



electricity; gas; banking and insurance; rail; air and water transport; government; television; radio; telephone, post and telegraph. However, in the cases of ownership of dwellings, road transport, wholesale and retail trade and other services, data for more recent year were not available. Since these are important activities, the need for surveys of such activities is obvious.

Last but not the least is the final demand which may be defined as comprising consumption, investment, stock changes and exports. Basically, final demand is not more than distribution of the difference between total availability and intermediate demand among consumption, investment, stock changes, and exports. However, the independent information on these components of the final demand is very useful in evaluating the consistency of the input-output tables. The absence not only makes the residual distribution arbitrary, it also leaves the consistency of the table quite doubtful. The sector-wise non-availability of the information on these components has been an over-emphasized problem in Pakistan. Efforts in this direction must be accelerated without any further delay in order to provide better conditions for accounting exercises. Data on exports of various products are of reasonably good quality and quite in line with sectoral disaggregation. But such data on consumption, investment and stock changes are hardly available. In the present study, these components have been arrived at through residual method. Therefore, there is an obvious need for conducting surveys to cover these important final demand components at least after every five years, if not annually.

It would be more appropriate to relate these surveys to the years in which the census of manufacturing industries takes place.

Finally, since input-output co-efficients do change over time, even if gradually, they lose much of their utility unless tables are prepared quite regularly. However, preparation of input-output tables on an annual basis has to be ruled out as they involve enormous data and manpower. Nevertheless, such tables may be formulated after every five years and coefficients adjusted for the intervening period with the use of the well-known RAS Method.

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S T A T I S T I C A L      A N N E X U R E

**Appendix I**

Inter-Industry Transactions Matrix

~~Sector: 001~~ ~~Wheat Growing on Small Farms~~

<u>Sector Code</u>	<u>Indigenous</u>	<u>Type of Inputs</u>	<u>Imported</u>
001	251,863		-
013	886,912		-
016	31		-
044	46,255		31,668
049	380		-
051	50,699		-
057	17,600		10,361
106	21,384		-
108	205,381		-
109	198,554		-
110	8,580		-
116	17,278		-
117	46,137		-
118	13,921		-
120		1,765,005	
130		42,029	
140		1,807,034	
150		-	
160		2,661,332	
200		4,468,366	

Sector:002- Wheat Growing on Large Farms

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
002	383,443	-
012	84	-
013	1,403,351	-
016	4	-
044	313,183	214,417
049	213	-
051	80,556	-
057	27,964	16,472
106	33,977	-
108	671,205	-
109	316,038	-
110	28,032	-
116	29,428	-
117	76,276	-
118	22,119	-
120	3,385,873	
130	230,879	
140	3,616,752	
150	-	
160	4,311,003	
200	7,927,755	



Sector:003 - Rice Growing on Small Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
003	64,129	-
013	293,945	-
016	1	-
044	31,223	21,377
049	1,355	-
051	38,873	-
057	13,494	7,944
106	16,399	-
108	168,716	-
109	349,945	-
110	36,698	-
116	8,462	-
117	33,265	-
118	2,412	-
120		1,058,917
130		29,321
140		1,088,238
150		-
160		1,454,776
200		2,543,011

Sector:004 - Rice Growing on Large Farms

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
004	50,559	-
012	10	-
013	344,398	-
016	25	-
044	48,616	33,284
049	2,464	-
051	44,388	-
057	15,409	9,071
106	18,722	-
108	226,741	-
109	135,593	-
110	49,354	-
116	4,663	-
117	37,969	-
118	7,525	-
120		386,436
130		42,355
140		1,028,791
150		-
160		431,364
200		1,460,155

Sector:005 - Cotton Growing on Small Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
005	44,101	--
013	243,896	--
016	31	--
044	46,255	46,255
049	4,359	--
051	30,122	--
057	10,457	3,156
106	12,705	--
108	312,428	--
109	69,914	--
110	1,944	--
116	7,542	--
117	24,934	--
118	729	--
120		809,467
130		52,411
140		861,873
150		--
160		1,293,945
200		2,155,823

Sector:006 - Cotton Growing on Large Farms

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
006	76,006	-
012	24	-
013	461,049	-
016	87	-
044	105,681	72,353
049	5,821	-
051	57,382	-
057	19,919	11,726
106	24,202	-
108	534,778	-
109	113,126	-
110	3,320	-
116	12,233	-
117	46,319	-
118	3,522	-
120		1,463,469
130		84,079
140		1,547,548
150		-
160		1,977,139
200		3,524,687

Sector: 007 - Sugar Cane Growing on Small Farms

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
007	74,032	"
012	4,225	"
013	110,672	"
016	21	"
044	28,137	19,263
049	4,054	"
051	25,190	"
057	8,745	5,148
106	10,625	"
108	316,181	"
109	44,649	"
116	7,099	"
117	23,876	"
118	6,917	"
120		660,184
130		24,411
140		684,595
150		-
160		1,343,712
200		2,028,307

Sector:008 - Sugar Cane on Large Farms

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
008	89,762	-
012	8	-
013	167,763	-
016	27	-
044	44,936	30,764
049	4,054	-
051	38,873	-
057	13,494	7,944
106	16,395	-
108	508,719	-
109	59,225	-
110	4,834	-
116	10,608	-
117	36,769	-
118	10,674	-
120		1,006,221
130		38,708
140		1,044,929
150		-
160		2,038,369
200		3,083,290

Sector:009 -- Tobacco Growing

<u>Sector Code</u>	<u>Indigenous</u>	<u>Type of Inputs</u>	<u>Imported</u>
009	20,900		--
012	2		--
013	17 367		--
016	4		--
044	12,644		9,856
049	1,475		--
051	955		--
057	331		195
106	403		--
108	45,816		--
109	11,112		--
116	1,767		--
117	1,228		--
118	262		--
120		114,266	
130		8,851	
140		123,117	
150		--	
160		348,813	
200		471,928	

Sector:010 - Oil Seeds Other than Cotton Seeds

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
010	11,334	-
013	203,447	-
016	1	-
044	4,036	2,764
049	325	-
051	11,667	-
057	4,050	2,384
106	4,921	-
108	34,625	-
109	8,970	-
110	1,719	-
116	3,367	-
117	6,636	-
118	3,203	-
120		348,301
130		5,148
140		353,449
150		
160		532,865
200		886,314



Sector: 011 - Pulses

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
011	81,170	-
013	551,791	-
044	1,353	907
051	31,713	-
057	41,643	24,503
106	13,376	-
108	118,459	-
109	18,070	-
110	6,446	-
116	4,653	-
117	6,949	-
118	28,370	-
120		903,993
130		25,410
140		929,403
150		
160		286,572
200		1,215,975

## Sector:012 - Other Crops

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
012	885,700	-
013	2,144,485	-
016	27	-
044	171,778	117,612
049	4,933	-
051	119,907	-
057	41,643	24,503
106	50,573	-
108	1,424,807	-
109	345,561	-
116	82,290	-
117	89,492	-
118	32,924	-
120		5,394,120
130		142,115
140		5,536,235
150		-
160		9,139,933
200		14,676,168

Sector: 013 - Livestock

<u>Sector code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
001	563,642	..
002	957,282	..
003	151,000	..
004	80,000	..
007	180,000	..
008	271,000	..
011	165,000	..
012	5,646,300	..
016	100,000	..
043	50,000	..
108	776,372	..
109	468,948	..
110	5,586	..
116	47,383	..
117	100,000	..
120		9,563,013
130		-
140		9,563,013
150		-
160		12,593,340
200		22,156,353

Sectors014 - Fisheries

Type of Inputs

<u>Sector code</u>	<u>Indigenous</u>	<u>Imported</u>
050	6,302	-
108	50,006	-
109	37,302	-
110	6,157	-
116	2,278	-
120		102,047
130		-
140		102,047
150		-
160		631,694
200		733,741

## Sector:015 - Forestry

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
056	12,828	"
108	150,882	"
109	11,221	"
110	4,517	"
116	1,693	"
120		181,141
130		"
140		181,141
150		"
160		683,165
200		864,306

## Sector:016 - Mining and Quarrying

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	61,158	-
056	17,394	-
058	-	102,450
108	138,183	-
109	17,185	-
110	24,242	-
116	17,170	-
117	119,937	-
118	128,138	-
120		523,407
130		102,450
140		625,857
150		18,873
160		1,135,302
200		1,780,032

Sector:017 - Grain Milling

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
001	125,032	24,125
002	407,331	79,068
012	31,726	--
015	7	--
016	1	--
034	26,055	--
039	243	--
049	2,433	--
051	493	--
054	2,333	--
058	668	--
106	10,984	--
107	1,240	--
108	29,286	--
109	9,460	--
110	2,653	--
115	743	--
116	3,791	--
117	233	--
118	800	--
120	655,512	
130	103,193	
140	758,705	
150	1,719	
160	135,348	
200	895,772	

Sector:018 - Rice Milling

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
003	35,488	-
004	47,778	-
015	8	-
016	46	-
039	59	-
049	10,332	121
051	1,279	-
058	49	-
106	1,879	-
108	4,185	-
109	17,377	-
110	4,196	-
115	156	-
116	442	-
117	26	-
118	184	-
120		123,482
130		121
140		123,603
150		54
160		22,227
200		145,884



## Sector: 019 - Sugar Refining

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
007	379,896	-
008	611,478	-
015	108	-
016	6,771	-
034	88,051	-
039	121	-
049	5,694	4,531
051	1,912	-
058	14,483	-
070	38,022	-
106	3,063	-
107	1,054	-
108	253,088	-
109	23,278	-
110	4,620	-
115	2,832	-
116	11,320	-
117	2,143	-
118	20,136	-
120		1,468,070
130		4,531
140		1,472,601
150		632,850
160		393,663
200		2,499,114

Sector:020 Edible Oils

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
010	77,394	320
015	286	-
016	94	-
020	869,534	996,086
024	533	-
039	3,321	-
049	35,696	72,994
051	3,919	-
056	93,388	192,334
058	5,240	4,656
063	218,220	-
106	2,360	-
107	26,307	-
108	394,375	-
109	52,741	-
110	1,397	-
115	8,794	-
116	16,664	-
117	1,717	-
118	64,808	-
120		1,876,788
130		1,266,590
140		3,143,378
150		690,191
160		301,255
200		4,134,824

Sector: 021 - Tea Blending

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
021		520,702
029	173	"
032	96	"
037	1,076	"
038	51,003	6,538
039	607	"
049	569	"
051	414	"
056	176	"
058	241	202
064	639	"
106	469	"
107	26	"
108	35,540	"
109	4,045	"
110	1,049	"
113	3,737	"
114	2,111	"
115	6,974	"
116	4,840	"
117	35	"
118	3,192	"
120		117,012
130		527,532
140		644,544
150		65,000
160		149,252
200		858,796

Sector:022 - Fish and Fish Preparations

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
014	242,480	-
019	91	-
039	2,005	-
049	50	-
051	549	-
054	31	-
056	4,090	22,635
058	845	45
106	1,775	-
107	166	-
108	44,330	-
109	11,838	-
110	2,892	-
115	2,801	-
116	1,417	-
117	3,503	-
118	4,187	-
120	323,050	-
130	22,680	-
140	345,730	-
150	-	-
160	59,129	-
200	404,859	-

Sector:023 - Confectionary and Bakery

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	47	-
017	10,391	-
019	17,762	-
020	7,352	5,952
024	5,402	8,744
034	22	-
038	6,030	2,883
039	634	-
049	1,659	3,080
051	287	-
058	5	148
106	491	-
107	1,077	-
108	23,925	-
109	5,590	-
110	1,449	-
113	92	-
114	52	-
115	500	-
116	617	-
117	832	-
118	715	-
120		84,931
130		20,807
140		105,738
150		7,091
160		25,010
200		138,639

Sector:024 - Other Food Industries

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	173,843	2,739
015	110	-
016	1,197	-
019	5,686	-
020	681	-
024	9,932	244
025	350	-
034	27	-
037	344	25
038	115	590
039	729	-
049	375	2,086
050	93	-
051	2,856	-
053	4,257	276
056	3,884	33,715
058	893	2,591
063	12,257	-
106	4,531	-
107	766	-
108	94,127	-
109	26,804	-
110	2,793	-
113	301	-
114	171	-
115	1,179	-
116	2,293	-
117	1,758	-
118	1,496	-
120	358,858	-
130	12,268	-
140	401,126	-
150	1,794	-
160	144,428	-
200	517,348	-

## Sector:025 - Beverages

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
016	90	-
019	76,254	-
025	20,944	9,465
038	468	-
039	2,326	-
049	8,580	3,900
050	-	156
051	4,302	-
053	8,250	6,880
055	1	-
056	3,259	-
058	1,000	534
106	2,422	-
107	2,899	-
108	105,226	-
109	24,583	-
110	6,371	-
113	1,891	-
114	1,068	-
115	3,267	-
116	5,376	-
117	1,933	-
118	3,404	-
120		283,914
130		20,935
140		304,849
150		96,713
160		208,186
200		609,756

Sector:026 - Cigarettes and Tobacco Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
009	305,321	21,655
016	6	-
019	1	-
038	40,361	-
039	1,555	-
049	1,174	329
051	1,353	-
056	654	8,568
058	1,887	3,778
106	2,178	-
107	2,420	-
108	153,477	-
109	38,594	-
110	2,256	-
113	372	-
114	210	-
115	641	-
116	8,772	-
117	419	-
118	2,046	-
120	564,197	-
130	34,830	-
140	599,027	-
150	824,696	-
160	228,021	-
200	1,651,746	-



Sector: 027 - Cotton Yarn

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	29	-
028	27,655	16,050
029	9,765	66,717
030	42,969	-
039	3,322	-
049	7,226	-
050	15,485	-
051	4,826	-
058	64,077	3,896
063	1,566,783	15,162
106	67,695	-
107	20,321	-
108	16,130	-
109	22,006	-
110	5,702	-
115	4,084	-
116	109,483	-
117	12,390	-
118	38,433	-
120	2,038,286	-
130	138,823	-
140	2,177,109	-
150	58,377	-
160	746,184	-
200	2,981,670	-

## Sector:028 - Cotton Fabrics

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	13	---
016	169	---
027	148,237	---
029	94,493	---
032	28	---
034	3,359	---
037	25,135	1,947
038	1,857	---
039	2,608	---
049	57,335	66,403
050	1,421	---
051	20,205	---
058	47,064	24,226
063	663,848	34,167
106	58,569	---
107	25,932	---
108	16,130	---
109	18,862	---
110	7,603	---
113	2,646	---
114	1,495	---
115	3,205	---
116	69,905	---
117	9,724	---
118	39,750	---
120	1,620,143	---
130	126,744	---
140	1,746,887	---
150	108,957	---
160	292,363	---
200	2,348,207	---

Sector: 029 - Silk and Synthetic Textiles

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
027	187,023	24,140
028	11,412	10,814
029	146,451	46,721
034	8	1,356
038	16,310	1,288
039	3,289	-
049	42,612	139,159
050	5,687	45
051	3,036	-
055	142	-
056	33	726
058	6,767	2,237
106	16,039	-
107	13,785	-
108	157,049	-
109	16,742	-
110	4,339	-
113	429	-
114	242	-
115	3,642	-
116	32,259	-
117	2,177	-
118	19,771	-
120		589,244
130		226,486
140		915,730
150		87,374
160		160,852
200		1,163,956

Sector:030 - Wollen Textiles

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	18	-
016	3	-
027	9,391	-
029	-	3,462
030	-	5,344
034	7,163	-
038	513	2,486
039	109	-
040	69,934	-
049	1,278	3,022
050	181	2,338
051	737	-
058	54,965	648
106	2,876	-
107	2,147	-
108	61,117	-
109	8,064	-
110	752	-
113	430	-
114	243	-
115	481	-
116	10,610	-
117	618	-
118	4,496	-
120		236,131
130		16,300
140		252,431
150		9,500
160		91,644
200		353,575

Sector 031 - Hosiery

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	6	-
016	3	-
027	40,529	91
028	713	-
029	3,304	6,420
030	15,748	3,254
031	157	-
032	264	-
038	1,045	1,459
039	132	-
042	105	56
049	1,643	1,892
050	414	2,036
051	150	-
056	7	-
058	955	408
106	63	-
107	910	-
108	14,157	-
109	1,510	-
110	391	-
113	32	-
114	13	-
115	222	-
116	1,706	-
117	144	-
118	1,905	-
120		86,153
130		15,668
140		101,819
150		2,643
160		8,755
200		104,926

Sector 032 - Thread Ball Making

Type of Input

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	1	-
016	3	-
027	55,689	-
034	221	-
038	4,877	197
039	302	-
049	3,375	3,212
051	206	-
058	150	327
106	394	-
107	350	-
108	15,519	-
109	1,422	-
110	369	-
113	115	-
114	65	-
115	440	-
116	3,319	-
117	14	-
118	2,212	-
120	89,047	-
130	3,736	-
140	92,753	-
150	161	-
160	21,770	-
200	114,723	-

Sector 033 - Carpets and Rugs

Type of Input:

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	7	-
016	22	-
027	58,445	40,892
030	301,435	2,973
032	525	12,212
038	2,324	41,360
039	3,141	-
049	10,580	8,166
050	817	108,920
051	1,340	-
058	150	1,239
067	-	20,964
106	2,132	-
107	2,550	-
108	21,493	-
109	2,291	-
110	6,328	-
113	2,530	-
114	1,430	-
115	4,685	-
116	33,314	-
117	1,239	-
118	13,050	-
120		870,246
130		240,746
140		710,992
150		80,601
160		351,327
200		1,142,920

Sector 034 - Other Textiles  
Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	56	-
016	28	-
027	360,561	-
029	6,499	-
034	120,256	21,055
038	588	-
039	232	-
049	34,230	1,407
050	75	-
051	2,618	-
056	153	-
058	9,028	912
106	12,346	-
107	24,331	-
108	148,510	-
109	21,803	-
110	493	-
113	27	-
114	15	-
115	243	-
116	33,690	-
117	364	-
118	970	-
11		-
120	777,117	-
130	23,374	-
140	800,491	-
150	3,247	-
160	305,782	-
200	1,103,026	-



Sector 035 - Footwear Other Than Rubber Footwear

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	16	-
034	6,095	-
039	113	-
040	11,014	1,605
042	6,706	6,502
049	1,612	15,474
050	299	2,707
051	13	-
055	113	-
056	934	1,807
058	305	203
106	280	-
107	156	-
108	2,943	-
109	893	-
110	107	-
113	32	-
114	18	-
115	362	-
116	1,194	-
117	76	-
118	820	-
120		34,101
130		28,298
140		62,399
150		-
160		7,653
200		70,052

Sector 036 - Wearing Apparel

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
027	5,114	-
028	139,158	261,129
029	788	3,878
032	1,051	348
038	12,312	2,719
039	1,283	-
042	456	-
049	1,566	16,075
050	5,646	11,240
051	726	-
056	-	453
058	1,197	1,545
106	1,512	-
107	293	-
108	15,559	-
109	1,657	-
110	3,322	-
113	1,120	-
114	633	-
115	4,527	-
116	29,394	-
117	881	-
118	15,374	-
120	243,753	-
130	297,395	-
140	541,149	-
150	5,721	-
160	329,916	-
200	876,786	-

Sector 037 - Wood, Cork and Furniture

Type of Inputs

Sector Code	Indigenous	Imported
015	15,544	10,277
016	5	-
034	62	-
037	3,357	12,765
038	5,201	-
039	432	-
040	353	-
042	9	-
046	157	-
049	277	3,229
050	143	-
051	1,077	-
053	37	-
055	148	-
056	176	1,140
058	579	407
106	1,222	-
107	1,318	-
109	671	-
110	174	-
113	33	-
114	19	-
115	1,168	-
116	889	-
117	30	-
118	3,390	-
120	36,471	-
130	27,818	-
140	64,289	-
150	4,314	-
160	24,156	-
200	92,759	-

## Sector 038 - Paper, Paper Board and Paper Products

Type of Inputs

Sector Code	<u>Indigenous</u>	Imported
002	104	-
012	458	-
015	14,571	3
019	9,657	-
037	39	6,958
038	145,358	2,104
039	1,353	-
049	10,290	12,011
050	650	32
051	6,302	-
053	27	-
055	927	1,487
056	31	4,236
058	7,962	1,538
106	12,091	-
107	16,004	-
108	106,081	-
109	6,137	-
110	1,591	-
115	1,571	-
116	10,557	-
117	1,182	-
118	7,918	-
<b>120</b>	<b>360,861</b>	
130	30,269	
140	291,130	
150	41,414	
160	173,120	
200	605,664	

Sector 039 - Printing and Publishing

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	22	-
016	16	-
034	120	-
038	113,544	7,061
039	532	13,705
042	24	-
046	31	-
049	-	8,032
051	593	-
056	1,623	2,383
058	14,859	327
106	1,208	-
107	52	-
108	61,928	-
109	7,088	-
110	1,837	-
113	149	-
114	85	-
115	1,922	-
116	11,327	-
117	492	-
118	8,954	-
120	226,406	-
130	31,508	-
140	257,914	-
150	154	-
160	99,862	-
200	357,930	-

## Sector 040 - Leather and Leather Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
013	965,007	-
015	47	-
039	1,660	-
040	8,638	59,178
049	64,884	-
051	3,023	-
058	2,356	31,207
106	5,227	-
107	1,638	-
108	26,171	-
109	7,489	-
110	4,531	-
115	3,831	-
116	20,849	-
117	1,333	-
118	40,023	-
120	1,156,507	-
130	85,585	-
140	1,242,092	-
150	63,319	-
160	317,364	-
200	1,622,775	-

Sector 041 - Rubber Footwear

Type of Inputs

<u>Sector Code</u>	<u>Indigenos</u>	<u>Imported</u>
015		71,397
039	259	
042		85,421
049	10,349	77,968
050	972	
051	2,939	
106	2,234	
107	1,625	
108	64,557	
109	3,823	
110	2,286	
113	1,214	
114	506	
115	577	
116	5,156	
117	161	
118	2,406	
120		194,744
130		234,786
140		339,530
150		9,458
160		39,159
200		368,147

Sector 042 - Rubber Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	11	26,451
016	80	-
027	762	-
034	2,826	-
038	942	-
039	203	-
042	1,783	3,965
049	469	3,619
050	684	62
051	2,925	19
054	268	1,393
055	49	-
056	20,883	67,510
058	371	28
106	2,774	-
107	1,818	-
108	41,796	-
109	5,712	-
110	1,480	-
113	550	-
114	311	-
115	452	-
116	7,414	-
117	104	-
118	2,339	-
120	97,046	-
130	103,047	-
140	200,093	-
150	10,755	-
160	40,456	-
200	251,304	-



Sector 043 - Pharmaceutical and Medicinal Preparations

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	26	"
016	672	156
038	11,891	42,868
039	12,148 <sup>0</sup>	2,974
042	3	"
043	11,731	51,043
049	53,299	3,5,887
051	1,670	"
053	52,933	118,091
055	71	"
058	"	860
066	9,021	156
067	"	3,340
106	3,900	"
107	2,972	"
108	109,412	"
109	17,418	"
110	4,517	"
113	4,164	"
114	2,341	"
115	3,206	"
116	13,511	"
117	10,405	"
118	22,392	"
120		322,575
130		565,035
140		909,611
150		23,101
160		109,962
200		1,042,681

Sector 044 - Fertilizer

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	61,564	35,700
039	1,019	-
049	6,811	5,537
050	1,520	-
051	16,420	137
054	-	13,860
058	101,512	18,088
106	22,586	-
107	127,116	-
108	81,225	-
109	107,026	-
110	61,907	-
115	4,809	-
116	17,912	-
117	1,418	-
118	20,982	-
120	641,907	
130	69,984	
140	711,891	
150	7,236	
160	349,327	
200	1,067,454	

Sector: 045 - Perfumes and Cosmetics

<u>Sector</u>	<u>Code</u>	<u>Indigenous</u>	<u>Imported</u>
038		1,186	816
039		76	-
049		7,342	17,604
051		5,485	2,383
053		3,824	1,988
056		2,707	-
058		112	379
106		120	-
107		119	-
108		7,343	-
109		1,169	-
110		8303	-
113		202	-
114		114	-
115		360	-
116		1,613	-
117		106	-
118		1,230	-
120			33,311
130			23,170
140			56,401
150			21,822
160			13,497
200			21,800

Sector: 046 - Paints and Varnishes

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	13	
016	1	
039	235	
046	10,519	18,977
049	29,539	59,154
051	1,932	1,423
054	22	
056	2,125	1.4
106	271	
107	31	
108	21,506	
109	2,934	
110	1,183	
113	654	
114	370	
115	333	
116	3,424	
117	62	
118	442	
120		75,596
130		79,568
140		155,154
150		61,166
160		8,423
200		204,753

Sector: 047 - Soaps and Detergents

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	282	-
020	121,363	126,408
038	6,622	-
039	803	-
049	22,441	13,647
051	372	-
054	12,405	-
058	25	-
067	-	1,258
106	1,486	-
107	2,805	-
108	52,222	-
109	7,126	-
110	2,873	-
113	309	-
114	174	-
115	1,765	-
116	8,067	-
117	187	-
118	4,990	-
120		246,317
130		141,313
140		387,630
150		44,687
160		54,883
200		497,200

Sector: 048 - Matches

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	8,764	-
038	18,328	-
039	71	-
049	5,676	-
051	598	-
058	423	-
106	351	-
107	10	-
108	4,958	-
109	1,439	-
110	373	-
115	339	-
116	1,076	-
117	100	-
118	3,495	-
120		46,001
130		0
140		46,001
150		10,277
160		7,909
200		64,187

Sector: 049 - Other Chemicals

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	1,273	-
016	65,741	14,000
032	38	-
034	2,134	-
038	10,551	2,245
039	1,264	-
049	116,640	49,206
050	698	-
051	1,484	-
053	34,723	-
054	1,190	-
055	4,430	3,138
058	72,855	9,389
059	-	111
106	48,876	-
107	35,726	-
108	121,687	-
109	16,608	-
110	6,694	-
113	1,659	-
114	939	-
115	5,964	-
116	24,112	-
117	1,758	-
118	2,937	-
120		579,971
130		78,089
140		658,060
150		111,809
160		388,698
200		1,158,567

Sector: 050 - Plastic Products

Type of Inputs

Sector Code	<u>Indigenous</u>	<u>Imported</u>
015	3,660	4,312
034	114	-
038	856	1,998
039	428	-
042	2,746	-
049	5,081	-
050	1,192	-
051	294	940
056	1,292	392
058	-	194
106	1,061	-
107	149	-
108	5,413	-
109	1,571	-
110	407	-
113	52	-
114	29	-
115	561	-
116	2,119	-
117	336	-
118	1,125	-
<b>120</b>		28,486
130		7,836
140		36,322
150		8,729
160		25,031
<b>200</b>		70,082



Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	105,832	2,591,039
039	754	-
051	55,030	-
056	12,514	35,316
058	1,482	-
067	-	1,487
106	12,214	-
108	407,464	-
109	179,549	-
110	1,740	-
115	1,403	-
116	4,458	-
117	28,456	-
118	40,649	-
120		851,545
130		2,627,842
140		3,479,387
150		106,266
160		598,158
200		3,971,279

Sector: 052 - Cement

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	96	-
016	39,854	-
034	126,880	13,247
038	7,527	-
039	5,186	-
049	1,035	-
051	7,493	562
053	3,330	1,801
056	3,882	-
058	36,221	3,954
106	52,807	-
107	177,019	-
108	18,546	-
109	106,788	-
110	43,046	-
115	9,797	-
116	26,230	-
117	4,078	-
118	10,250	-
120		680,065
130		19,564
140		699,629
150		173,086
160		330,401
200		1,103,116

Sector: 053 - Glass & Glass Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	4	-
016	2,794	3,243
037	1,963	-
038	782	-
039	338	-
042	19	-
046	-	242
049	5,674	2,302
050	282	2,795
051	3,657	-
053	8,079	8,516
055	105	160
058	1,480	1,539
106	2,038	-
107	8,477	-
108	7,248	-
109	2,104	-
110	545	-
113	60	-
114	34	-
115	448	-
116	2,016	-
117	114	-
118	982	-
120		50,243
130		18,797
140		69,040
150		13,881
160		10,920
200		93,841

Sector: 054 - Other Non-metallic Mineral Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	220	-
016	29,698	4,720
034	1,698	-
038	61	-
039	181	-
050	173	-
051	2,858	165
052	6,056	-
055	3,375	-
056	7,741	-
058	2,807	-
067	-	208
106	1,866	-
107	3,039	-
108	1,400	-
109	9,135	-
110	3,831	-
115	204	-
116	2,832	-
117	228	-
118	8,216	-
120		85,619
130		5,093
140		90,712
150		8,833
<b>160</b>		<b>44,807</b>
200		144,352

## Sector: 055 - Basic Metals

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	156	-
016	13,136	-
037	1,868	-
038	2,392	4,758
039	1,756	-
049	248	3,131
050	-	1,657
051	7,564	-
054	23	557
055	1,082,206	202,376
056	9	-
057	300	-
058	3,030	31,974
106	45,236	-
107	30,374	-
108	312,895	-
109	277,731	-
110	8,057	-
115	3,794	-
116	14,014	-
117	899	-
118	82,159	-
120		1,887,897
130		241,453
140		2,132,350
150		69,213
160		461,221
200		2,682,784

Sector: 056 - Metal Products

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	139	980
016	1,248	-
028	-	13,818
038	7,475	2,514
039	5,819	-
046	300	-
049	-	1,611
051	5,463	-
054	-	2,337
055	-	199,769
056	394	2,086
058	8,361	6,992
106	999	-
107	3,766	-
108	55,373	-
109	22,553	-
110	5,479	-
113	529	-
114	299	-
115	10,110	-
116	12,476	-
117	337	-
118	20,852	-
120		151,972
130		230,107
140		392,079
150		-
160		93,602
200		485,681

Sector: 057 -- Agricultural Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	34	
016	3,226	
039	132	
040	13	
042	438	
046	13	
051	180	1,503
055	21,559	4,866
056	1,259	12
058	295	192,777
059	65	
106	370	
107	121	
108	3,913	
109	24,695	
110	1,934	
111	1,813	
112	1,209	
113	132	
114	75	
115	415	
116	5,878	
117	1,209	
118	4,583	
120		73,561
130		194,158
140		372,719
150		119
160		22,474
200		399,312

Sector: 058 - Other Non-electrical Machinery

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	905	-
016	5,413	-
029	57	56
037	148	-
039	1,704	-
046	875	-
049	10,271	5,426
051	1,634	607
054	3	8
055	180,018	100,849
056	77,532	190
058	16,091	24,984
059	251	-
067	-	5,864
106	7,772	-
107	5,405	-
108	11,775	-
109	76,462	-
110	4,512	-
115	5,414	-
116	22,801	-
117	683	-
118	18,485	-
120	-	442,211
130	-	137,984
140	-	586,195
150	-	2,479
160	-	200,692
200	-	589,356



Sector: 059 - Electric Machinery

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	2,845	2,318
016	188	-
028	-	144
029	73	-
037	5,726	-
038	2,437	-
039	3,913	-
042	119	-
046	2,327	-
049	2,640	29,513
050	1,134	22,630
051	4,523	20
054	-	4,682
055	36,560	-
056	-	53,986
058	8,629	27,907
059	92,053	231,255
067	-	31,010
106	469	-
107	2,926	-
108	12,305	-
109	52,622	-
110	21,211	-
113	619	-
114	350	-
115	2,626	-
116	13,789	-
117	790	-
118	10,906	-
120		283,830
130		403,355
140		687,295
150		92,915
160		137,320
200		918,600

Sector: 060 - Bicycles

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	4	-
016	19	-
037	160	-
038	8,234	-
039	436	-
042	16,934	-
051	1,952	-
055	24	-
056	40	-
058	112,938	-
106	525	27,184
107	726	-
108	3,489	-
109	17,408	-
110	4,511	-
113	709	-
114	401	-
115	1,034	-
116	9,091	-
117	291	-
118	2,959	-
120		181,885
130		27,184
140		209,069
150		402
160		52,003
200		261,474

Sector: 061 - Auto-assembly and Parts

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	11	-
016	197	-
028	10	-
029	3	-
037	64	25
038	388	-
039	2,042	-
042	12,759	553
046	800	379
049	789	-
051	2,374	-
055	1,029	-
056	1,855	-
058	27,638	66,456
059	120,998	385
061	111,515	-
067	-	340,856
106	1,371	-
107	1,213	-
108	19,853	-
109	56,598	-
110	51,334	-
113	2,764	-
114	1,561	-
115	482	-
116	25,752	-
117	1,364	-
118	22,565	-
120	-	467,329
130	-	408,654
140	-	875,983
150	-	71,863
160	-	286,985
200	-	1,234,831

Sector: 062 - Ship Building

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	200	-
016	14	-
024	20	-
039	55	-
046	158	34
049	96	128
051	172	-
055	350	-
056	13,296	110,559
058	25	-
059	421	-
106	3,277	-
107	670	-
108	2,814	-
109	14,036	-
110	3,638	-
115	29	-
116	5,265	-
117	10	-
118	929	-
<b>120</b>		45,475
130		110,721
140		156,196
150		41,826
160		96,468
200		210,838

## Sector:063 - Cotton Ginning

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
005	2,073,211	
006	2,833,629	
015	273	
034	137,271	
039	1,207	
051	15,421	
058	11,068	
106	14,670	
107	3,978	
108	158,950	
109	186,908	
110	14,110	
115	4,278	
116	159,342	
117	633	
118	63,411	
120		5,678,360
130		-
140		5,678,360
150		-
160		545,296
200		6,223,650

Sector: 064 - Office Equipment

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	24	-
016	33	-
037	-	167
038	1,292	484
039	133	-
049	1,562	11,825
050	14	350
051	123	314
055	-	1,275
056	-	2,195
058	-	130
064	323	402
067	-	4,107
106	404	-
107	292	-
108	3,262	-
109	948	-
110	245	-
115	282	-
116	988	-
117	149	-
118	774	-
120		10,848
130		21,249
140		32,097
150		8,016
160		2,124
200		12,237

Sector: 065 - Sports Goods

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	17,369	-
016	34	-
038	5,785	-
040	48,447	-
049	3,078	-
051	1,097	-
067	-	51,840
106	950	-
107	135	-
108	3,927	-
109	650	-
110	2,857	-
116	8,020	-
117	3,147	-
118	851	-
120		96,347
130		51,840
140		148,187
150		3,757
160		91,842
200		242,786

sectors: 066 - Surgical Instruments

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	48	
016	1,187	
039	473	
051	618	
056	38,154	
106	574	
107	152	
108	13,446	
109	5,373	
110	1,916	
115	1,003	
116	3,164	
117	529	
118	5,458	
120		72,095
130		-
140		72,095
150		2,240
160		85,013
200		159,348



Sector: 067 - Other Manufacturing Industries<sup>1/2</sup>

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	609	688
016	132	-
038	2,084	4,864
049	40,747	1,066
050	3,204	237
051	722	-
053	-	653
056	476	4,230
058	-	366
067	-	1,021
106	71	-
107	103	-
108	18,624	-
109	5,651	-
110	2,278	-
116	5,231	-
117	2,692	-
118	4,037	-
120		91,661
130		13,125
140		104,786
150		1,118
160		136,357
200		242,261

Sector 068 - Grain Milling

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
001	2,769,719	534,432
002	4,702,075	912,729
012	216,500	-
042	2,209	-
051	43,070	-
070	38,551	-
092	4,413	-
106	134,209	-
108	1,593	-
109	537,035	-
116	133,442	-
117	736	-
118	1,473	-
120	2,590,199	-
130	1,447,161	-
140	10,937,360	-
150	-	-
160	767,335	-
200	10,784,395	-

Sector 069 - Rice Husking

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
003	911,211	-
004	1,551,976	-
106	78,678	-
108	101,326	-
109	600,797	-
116	4,407	-
120		3,248,395
130		-
140		3,248,395
150		-
160		353,943
200		3,602,338

Sector 070 - Gur and Khandsari

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
007	327,631	-
008	527,082	-
015	60,425	-
106	2,454	-
108	116,691	-
109	14,562	-
116	4,521	-
120	1,053,366	
130	-	
140	1,053,366	
150	-	
160	100,439	
200	1,153,805	

Sector 071 - Edible Oils

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
010	609,084	2,157
015	1,869	-
049	55	206
051	3,156	-
055	12	-
063	1,166,633	-
106	8,922	-
107	809	-
108	213,389	-
109	29,853	-
116	2,053	-
117	127	-
118	213	-
120		2,036,575
130		2,363
140		2,038,938
150		-
160		203,843
200		2,242,731

## Sector 072-Other Food Industries

Type of Inputs

Sector Code	<u>Indigenous</u>	<u>Imported</u>
001	11,065	-
002	35,991	-
012	9,146	144
015	15,688	-
017	1,814	-
019	43,032	-
024	17,499	430
025	247	-
028	241	-
038	203	1,039
039	355	-
049	353	3,642
050	37	-
051	8,459	-
054	150	-
068	65,826	-
069	130,578	-
070	1,055	-
071	18,629	-
080	24	-
106	4,878	-
107	1,895	-
108	168,820	-
109	56,356	-
116	186	-
117	400	-
118	414	-
120		594,141
130		5,255
140		599,396
150		
160		385,557
200		984,953

## Sector, 073 - Beverages

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
012	3	-
016	297	-
019	224	-
024	50	-
025	8	3
049	260	123
051	87	-
053	50	-
080	35	-
083	10	-
106	506	-
107	3	-
108	1,085	-
109	302	-
116	392	-
117	8	-
118	12	-
120		3,397
130		126
140		3,523
150		-
160		2,806
200		6,329

Sector 074 - Tobacco

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
009	11,586	822
015	280	-
024	675	-
038	379	-
049	31	23
051	1,050	-
053	34	-
055	101	-
074	27,793	-
078	564	-
080	6	-
083	41	-
106	100	-
108	7,513	-
109	2,072	-
116	975	-
117	80	-
118	120	-
120		
	53,400	
130		
	845	
140		
	54,245	
150		
160		
	26,681	
200		
	80,926	



## Sector 075 - Cotton Textiles

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
024	281	
027	1,126,690	-
029	42,070	-
049	2,283	2,626
051	4,819	-
068	281	-
075	343,903	-
078	30,540	-
080	3,929	-
083	198	-
090	1,793	-
106	23,808	-
107	26	-
108	276,522	-
109	22,987	-
116	7,700	-
117	140	-
118	260	-
120		1,882,239
130		2,626
140		1,890,865
150		-
160		556,931
200		2,447,796

Sector 076 - Silk and Artsilk Textiles

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	195	-
027	3,689	-
029	191,415	-
049	7	731
051	1,060	-
068	13	-
077	8,415	-
079	4	-
081	4,371	-
083	24	-
092	196	-
106	2,323	-
107	3	-
108	43,025	-
109	6,552	-
115	10	-
116	3,292	-
117	38	-
118	48	-
120		264,680
130		731
140		265,411
150		-
160		54,240
200		319,551

Sector 077 - Carpets

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	21	-
027	10,110	-
051	57	-
078	20,506	-
086	429	-
106	72	-
108	11,066	-
109	1,685	-
115	60	-
116	451	-
117	90	-
118	151	-
120		44,698
130		-
140		44,698
150		-
160		37,513
200		82,211

Sector 078 - Other Textiles

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
016		
027	7	
029	30,218	
030	32,370	
038	94	
049	54	
051	2,298	96
053	234	
072	50	
075	15	
078	10,950	
083	100,810	
084	203	
085	1,111	
087	52	
089	1,371	
090	1,425	
092	8	
106	474	
107	878	
108	32	
109	41,445	
115	6,313	
116	320	
117	3,743	
118	480	
	800	
120		
130		234,855
140		96
150		234,951
160		-
200		18,965
		253,916

Sector 079 - Shoe Making

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	176	-
016	94	-
029	367	-
038	179	-
040	56,596	8,247
046	203	-
047	38	-
049	1,931	18,543
051	154	-
068	2	-
071	24	-
072	3,269	-
075	3	-
078	1,052	-
080	3,788	-
083	456	-
084	33,058	-
085	4,860	-
087	355	-
089	69	-
090	3,112	-
106	381	-
108	11,523	-
109	4,191	-
116	694	-
117	1,000	-
118	1,306	-
120		
130		
140		
150		
160		
200		

Sector 080 - Wood

Sector-Code	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	58,406	-
038	154	-
040	12	-
046	1,530	-
049	151	1,759
051	5	-
053	365	-
055	10,307	-
063	23	-
078	17,870	-
083	209	-
087	4,054	-
092	33	-
093	947	-
106	72	-
107	1	-
115	200	-
116	79	-
117	400	-
118	697	-
120	95,515	-
130	1,759	-
140	97,274	-
150	-	-
160	63,610	-
200	160,384	-

Sector 081 - Wooden Furniture

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	26	-
015	10,685	-
027	5	-
029	207	-
038	1,135	-
046	753	-
049	120	1,400
051	533	-
053	1,641	-
063	140	-
078	14,921	-
080	1,612	-
087	3,016	-
088	226	-
089	4,753	-
090	5,307	-
093	361	-
106	61	-
116	79	-
120		45,581
130		1,400
140		46,981
150		
160		44,535
200		91,516

Sector 082 - Steel Furniture

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
046	22	
051	5	
087	4	
089	1,675	
090	594	
093	171	
106	19	
108	692	
109	395	
116	1,560	
120		5,137
130		-
140		5,137
150		-
160		980
200		6,117



Sector 083 - Printing and Publishing

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
038	8,910	554
049	-	3
069	1,690	
075	25	
078	3,397	
080	25	
085	23	
087	8	
090	434	
108	4,542	
109	566	
116	1,128	
120		20,748
130		557
140		21,305
150		-
160		4,856
200		26,161

## Sector 084 - Leather Goods

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	250	-
032	320	-
038	32	-
040	2,027	12,710
051	551	-
055	327	-
075	3,524	-
078	160	-
086	89	-
087	2,261	-
090	659	-
106	81	-
108	1,846	-
109	671	-
115	100	-
116	825	-
117	300	-
118	666	-
120		14,689
130		12,710
140		27,399
150		-
160		16,574
200		43,973

Sector 085 - Rubber Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	12	-
049	56	41.7
051	258	2
071	118	-
075	7	-
078	10	-
080	23	-
084	94	-
085	563	-
087	1,156	-
088	3	-
089	440	-
106	38	-
108	1,002	-
109	195	-
116	647	-
120		4,622
130		419
140		5,043
150		-
160		1,010
200		6,051

Sector 086 - Chemicals

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
015	876	..
016	1,395	297
038	109	23
051	10,617	-
064	2,284	..
086	40,473	..
106	410	..
107	84	..
108	9,441	..
109	2,147	..
116	2,054	..
120	69	390
130		320
140		70,210
150		..
160		20,015
200		90,225

Sector 087 - Plastic Products

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	856	-
038	378	883
046	2	-
049	479	-
051	8	24
056	81	51
063	404	-
075	767	-
078	139	-
080	899	-
083	104	-
084	275	-
087	23,783	-
089	6,052	-
090	4,052	-
106	32	-
108	6,302	-
109	2,611	-
115	75	-
116	181	-
117	100	-
118	125	-
120		47,725
130		958
140		48,662
150		-
160		33,232
200		31,895

Sector 088-Non-Metallic Mineral Products

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
016	146,323	23,256
046	175	-
049	9,145	-
051	186,964	10,794
053	27,977	-
080	22,187	-
085	905	-
088	1,097,103	-
089	25,240	-
090	15,550	-
093	135	-
106	8,243	-
107	1,130	-
108	23,735	-
109	341,068	-
116	4,975	-
120		1,910,865
130		34,050
140		1,944,915
150		-
160		712,162
200		2,657,077

Sector 089 - Iron and Steel Remoulding

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	184	"
083	5	"
088	27	"
089	4,574	"
106	100	"
107	527	"
108	3,460	"
109	3,218	"
115	10	"
116	1,444	"
117	20	"
118	30	"
120		13,599
130		
140		13,599
150		
160		16,124
200		29,723

Sector 090 - Metal Products

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Import</u>
015	4,955	
016	80	63
038	197	66
049	594	-
051	439	-
075	16	-
080	915	-
083	163	-
085	137	-
087	6,132	-
090	1,000	-
106	254	-
107	33	-
108	36,382	-
109	20,772	-
115	100	-
116	1,560	-
117	100	-
118	140	-
120	73,969	
130	129	
140	74,098	
150	-	
160	247,372	
200	321,470	



Sector 091 - Agricultural Machinery

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	1	-
016	44	-
046	38	-
049	26	-
051	37	306
055	2,986	674
080	110	-
083	11	-
088	12	-
090	361	-
106	38	-
107	4	-
108	201	-
109	1,445	-
115	50	-
116	653	-
117	100	-
118	150	-
120		6,267
130		980
140		7,247
150		-
160		8,120
200		15,367

Sector 092 - Non-electrical Machinery

Sector Code	<u>Type of Inputs</u>	
	Indigenous	<u>Imported</u>
015	599	-
016	26	-
038	161	-
051	11,261	4,183
055	6,312	3,536
083	71	-
090	2,979	-
092	251	-
106	51	-
108	993	-
109	7,077	-
115	50	-
116	1,824	-
117	50	-
118	100	-
120		31,805
130		7,719
140		39,524
150		-
160		35,721
200		75,245

Sector 093 - Electrical Machinery

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	28	-
016	9	-
038	1	-
046	37	-
049	78	872
051	11	2,417
053	320	-
055	8,885	-
083	115	-
084	19	-
087	47	-
088	518	-
090	2,946	-
092	226	-
093	1,553	-
106	209	-
107	3	-
108	443	-
109	3,159	-
115	100	-
116	1,230	-
117	200	-
118	300	-
120		20,437
130		3,289
140		23,726
150		-
160		9,858
200		33,584

Sector 094 - Transport Equipment

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	Imported
039	380	-
051	5	-
055	6,889	-
075	387	-
078	596	-
080	23,304	-
083	52	-
084	2,642	-
087	96	-
090	594	-
106	6	-
108	1,714	-
109	607	-
115	100	-
116	543	-
117	100	-
118	157	-
120		38,172
130		-
140		38,172
150		-
160		24,658
200		62,830

Sector 095 - Sports Goods

Type of inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	3,479	-
016	27	-
027	156	-
038	29	-
046	91	-
049	304	-
051	120	-
075	581	-
078	10	-
083	20	-
084	6,370	-
087	342	-
089	3	-
106	30	-
108	1,701	-
109	705	-
115	20	-
116	119	-
117	20	-
118	60	-
120	14,187	-
130	-	-
140	14,187	-
150	-	-
160	7,921	-
200	22,108	-

Sector 096 - Surgical Instruments

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
039	99	-
051	96	-
089	1,038	-
106	13	-
108	229	-
109	131	-
116	256	-
120		1,862
130		-
140		1,862
150		-
160		165
200		2,027

## Sector 097 - Other Manufacturing Industries

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	63,276	-
015	41,996	-
016	5,893	-
019	928	-
027	8,744	-
029	2,265	-
038	44,161	103,075
040	2,060	-
046	622	-
049	30,102	787
051	21,361	-
053	319,053	-
055	815,105	-
063	3,098	-
068	681	-
078	9,777	-
083	9,390	-
088	328	-
090	4,554	-
106	1,365	-
108	132,025	-
109	48,643	-
115	5,869	-
116	6,621	-
117	9,084	-
118	13,638	-
120		1,600,639
130		103,362
140		1,704,501
150		-
160		901,214
200		2,605,715

Sector: 098 - Low Cost Residential Buildings

Type of Inputs

Sector Code	<u>Indigenous</u>	Imported
015	45,550	
<b>016</b>	66,425	
052	182,816	
053	1,728	
055	16,907	42,240
088	189,705	
116	1,378	
117	7,981	
118	11,971	
120		524,461
130		42,240
140		566,701
150		
160		439,199
<b>200</b>		1,005,900



Sector: 099 - Luxurious Residential Buildings

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	17,442	-
016	17,302	-
046	3,215	-
052	71,709	-
053	644	-
055	16,861	42,780
088	8,274	-
116	459	-
117	9,040	-
118	13,562	-
120		158,504
130		42,780
140		201,284
150		
160		124,015
200		355,300

Sector: 100 - Rural Buildings

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	184,596	..
016	276,894	..
052	92,298	..
088	276,894	..
116	2,528	..
117	35,908	..
118	53,862	..
120		922,980
130		..
140		922,980
150		..
160		922,980
200		1,845,960

Sector: 101 - Factory Buildings

Sector Code	<u>Indigenous</u>	Imported
015	128,802	--
016	93,869	--
046	29,889	--
052	515,261	--
053	9,600	--
055	139,106	377,408
088	53,948	--
116	3,236	--
117	23,010	--
118	34,516	--
120		1,031,237
130		377,408
140		1,408,645
150		--
160		953,355
200		2,362,000

Sector: 102 - Public Buildings

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	158,458	-
016	168,661	-
052	552,202	-
055	-	904,046
088	691,069	-
116	7,002	-
117	112,486	-
118	341,479	-
120		2,031,357
130		904,046
140		2,935,403
150		-
160		2,177,197
200		5,112,600

Sector: 103 - Infrastructures

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	38,806	-
052	22,416	-
054	-	91,677
088	59,352	-
116	651	-
120	-	121,225
130	-	91,677
140	-	212,902
150	-	-
160	-	265,414
200	-	478,316

Sector: 104 - Infrastructures

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	149,221	-
037	13,465	-
052	736,834	-
055	-	224,007
056	15,556	-
058	-	9,918
059	243,976	378,814
088	30,842	-
116	8,771	-
117	227,517	-
118	239,513	-
120	1,565,695	-
130	612,739	-
140	2,278,434	-
150	-	-
160	1,526,566	-
200	3,905,000	-

Sector: 105 - Ownership of Dwellings.

Type of Inputs

<u>Sector Code</u>	Indgenous	<u>Imported</u>
046	142,812	
098	157,277	
099	59,749	
100	223,480	
116	7,989	
120		525,017
130		-
140		585,017
150		"
160		5,248,528
200		5,833,545

Sector: 106 - Electricity

Type of Inputs

Sector Code	<u>Indigenous</u>	Imported
051	241,888	-
107	72,112	-
116	7,834	-
<b>120</b>		
130		321,834
140		-
150		321,834
160		-
200		1,059,779
		1,381,613



Sector: 107 - Gas

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	118,935	--
051	10,150	--
056	6,666	--
107	4,220	--
109	2,679	--
116	3,596	--
118	2,124	--
120		148,380
130		--
140		148,380
150		--
160		657,432
200		805,812

Sector: 108 - Wholesale and Retail Trade

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	Imported
038	5,389	~
039	4,837	~
106	24,361	~
107	21,735	~
109	262,401	~
110	105,774	~
115	34,775	~
116	349,982	~
117	52,163	~
118	173,818	~
120		1,035,235
130		~
140		1,035,235
150		~
<b>160</b>		<b>17,783,504</b>
200		18,798,739

Sector: 109 - Road Transportation

Type of Inputs

<b>Sector Code</b>	<b>Indigenous</b>	<b>Imported</b>
012	442,400	"
015	52,800	"
042	594,056	366,770
051	803,272	5,075,902
055	1,431	"
061	"	1,194,591
<b>116</b>	14,036	
117	804,681	
118	1,207,021	
<b>120</b>		3,919,697
130		6,637,263
140		10,556,960
150		892,289
160		3,005,129
200		18,654,370

Sector: 110 - Rail Transportation

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	76,172	
051	272,656	
055	314,195	58,757
116	1,282	
117	4,015	
118	6,023	
120		674,343
130		58,757
140		733,100
150		
160		899,738
200		1,532,836

Sector: 111 - Air Travel

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	433,813	214,878
058		
116	1,608	
117	196,564	
118	294,845	
120		926,830
130		214,878
140		1,141,708
150		66,784
160		836,900
200		2,045,392

Sector: 112 - Water Transportation

<u>Sector Code</u>	<u>Type of Inputs</u>	
	<u>Indigenous</u>	<u>Imported</u>
062	72,800	
116	397	
117	7,121	
118	10,682	
120		91,000
130		-
140		91,000
150		-
160		414,000
200		505,000

Sector: 113 - Television

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	3,330	-
058	-	2,355
059	8,343	-
064	6,510	-
067	-	7,560
101	3,809	-
106	1,385	-
109	1,732	-
110	449	-
116	69	-
118	2,113	-
120	-	27,740
130	-	9,925
140	-	37,655
150	-	-
160	-	43,400
200	-	82,053

Sector: 114 - Radio

## Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	Imported
028	455	"
039	1,430	"
051	1,727	"
059	"	1,233
061	1,135	1,703
064	59	"
101	458	"
<b>106</b>	4,189	"
109	2,423	"
110	628	"
115	4,558	"
116	239	"
117	181	"
118	2,843	"
120		20,325
130		2,936
140		23,261
150		"
160		76,527
200		99,788



Sector: 115 Telephone, Telegraph and Postal Services

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
039	29,203	-
059	36,812	-
101	8,628	-
106	4,156	-
109	1,340	-
110	5,210	-
111	22,490	-
112	2,300	-
115	12,359	-
116	800	-
117	18,539	-
118	23,919	-
120		165,756
130		.
140		165,756
150		.
160		586,894
200		852,050

Sector: 116.- Banking and Insurance

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
039	91,678	-
051	135,488	-
056	55,360	-
059	-	35,018
061	16,808	39,220
064	21,010	-
101	28,014	-
106	64,050	-
107	76,193	-
109	64,185	-
110	25,874	-
113	5,157	-
114	902	-
115	79,319	-
116	95,656	-
117	152,386	-
118	187,303	-
120	-	1,099,393
130	-	74,238
140	-	1,173,631
150	-	-
160	-	3,149,648
200	-	8,323,279

Sector: 117 - Infrastructures

## Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	180,037	-
028	600,122	-
034	420,086	-
039	106,249	-
049	22,615	-
051	164,726	-
056	29,812	-
058	39,139	58,707
059	14,780	34,598
061	15,113	60,453
064	4,322	12,966
106	12,838	-
107	8,181	-
109	120,060	-
110	107,031	-
113	7,805	-
114	1,623	-
115	69,148	-
116	121,775	-
117	2,560,936	-
118	3,668,086	-
120		8,274,484
130		166,724
140		8,441,208
150		-
160		9,680,987
200		33,122,165

Sector: 118 - Services (n.e.s)

Type of Inputs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
038	19,308	13,764
039	28,127	-
049	3,948	-
056	628	-
058	6,911	2,304
064	3,264	1,088
106	23,757	-
109	121,924	-
110	79,865	-
115	27,953	-
116	42,390	-
117	51,912	-
118	14,315	-
120		424,302
130		17,156
140		441,458
150		-
160		10,100,419
200		10,541,877

## Appendix II

**Demand** for Indigenous and Imported Goods

DOMESTIC DEMAND FOR INDIGENOUS GOODS

Sector Code	Inter-mediate Demand	Final Demand			Exports	Aggregate demand
		Consumption	Investment	Stock Changes		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
001	3,721,321	1,452,688	-	-705,643	-	4,468,366
002	6,486,226	2,573,179	-	-1,131,150	-	7,928,255
003	1,151,828	386,824	-	388,362	-	2,569,014
004	1,730,313	213,743	-	-483,901	-	1,460,155
005	2,117,312	-	-	38,511	-	2,155,823
006	2,808,535	-	-	615,052	-	3,424,587
007	361,550	1,066,748	-	-	-	2,028,807
008	1,499,322	1,583,970	-	-	-	3,083,292
009	337,807	34,555	-	-	93,556	471,923
010	697,812	133,677	-	-	54,825	886,314
011	246,170	569,805	-	-	-	1,215,975
012	7,650,048	6,904,363	-	-	121,757	14,676,168
013	7,794,083	14,360,820	-	-	1,450	22,156,353
014	242,480	491,261	-	-	-	733,741
015	856,278	8,028	-	-	-	864,306
016	1,609,264	94,226	-	-	35,542	1,739,032
017	12,205	883,567	-	-	-	895,772
018	-	145,884	-	-	-	145,884
019	153,635	2,295,030	-	-	50,399	2,499,114
020	998,930	3,135,586	-	-	308	4,134,824
021	-	857,848	-	-	948	858,796
022	-	126,077	-	-	273,782	404,859
023	-	137,567	-	-	1,072	138,639
024	34,392	92,982	-	-	419,974	547,348
025	21,549	586,835	-	-	1,372	609,756
026	-	1,591,108	-	-	60,638	1,651,746
027	2,345,363	-	-	-825,480	1,461,787	2,981,670
028	779,766	208,995	-	-	1,359,446	2,348,207
029	530,300	631,480	-	-	2,176	1,163,956
030	387,211	35,546	-	-147,034	77,852	353,575

Contd...p/2

(1)	(2)	(3)	(4)	(5)	(6)	(7)
031	157	98,073	-	-	6,696	104,926
032	2,322	112,401	-	-	-	114,723
033	-	366,738	-	-	776,122	1,142,860
034	942,453	239,243	-	-715,820	637,158	1,103,026
035	-	25,962	-	-	43,999	70,952
036	-	490,321	-	-	356,465	876,786
037	53,385	31,228	674	-	7,472	92,759
038	614,387	301,729	-	-319,606	9,244	605,664
039	332,602	178,313	-	-167,492	14,597	357,380
040	193,124	709,038	-	-	714,613	1,822,775
041	-	387,653	-	-	484	388,147
042	638,366	3,446	-	-407,637	17,129	251,304
043	61,731	946,651	-	-	34,299	1,042,681
044	854,107	-	-	195,258	18,089	1,067,454
045	-	88,136	-	-	3,614	91,800
046	196,569	-	-	-	8,184	204,753
047	1,38	484,312	-	-	12,859	497,200
048	-	64,187	-	-	-	64,187
049	735,851	450,921	-	-114,741	87,436	1,158,567
050	52,124	14,910	-	-	3,943	70,932
051	3,160,877	578,268	-	-	132,134	3,931,279
052	2,179,588	-	-	-1,120,730	44,256	1,103,116
053	479,922	19,962	-	-411,234	5,181	93,841
054	16,415	78,108	-	-	49,820	144,352
055	2,670,531	-	-	-	12,253	2,682,784
056	435,892	179,240	22,303	-202,692	50,938	485,681
057	215,849	74,667	5,386	-	210	295,312
058	687,052	116,926	29,715	-	55,673	889,366
059	517,629	299,244	79,214	-	22,473	918,630
060	-	245,784	15,571	-	119	261,474
061	144,571	782,972	306,537	-	751	1,234,831
062	72,800	91,665	4,626	-	41,747	210,838
063	3,631,311	1,599,216	-	-	993,123	6,223,650
064	38,411	-	-	-550	4,376	42,237
065	-	52,116	-	-	190,670	242,786

(1)	(2)	(3)	(4)	(5)	(6)	(7)
066	9,021	28,969	-	-	121,359	159,349
067	-	131,112	-	-	111,140	242,261
068	66,803	10,718,992	-	-	-	10,784,915
069	132,268	3,470,070	-	-	-	3,602,228
070	39,077	1,114,728	-	-	-	1,153,606
071	18,771	2,224,010	-	-	-	2,242,781
072	3,294	981,669	-	-	-	984,939
073	-	6,329	-	-	-	6,389
074	27,793	53,133	-	-	-	80,926
075	359,269	2,088,527	-	-	-	2,447,796
076	-	319,651	-	-	-	319,651
077	8,415	73,796	-	-	-	82,211
078	239,013	14,983	-	-	-	253,919
079	4	274,589	-	-	-	274,573
080	56,857	82,032	21,995	-	-	160,884
081	4,371	78,664	10,441	-	-	91,516
082	-	6,117	-	-	-	6,117
083	11,072	15,089	-	-	-	26,161
084	43,569	404	-	-	-	43,973
085	6,540	83	-	-572	-	6,051
086	40,991	49,234	-	-	-	90,225
087	42,625	39,270	-	-	-	81,895
088	2,408,301	248,776	-	-	-	2,657,077
089	45,269	-	-	-15,546	-	29,723
090	43,953	160,269	117,248	-	-	321,470
091	-	15,057	310	-	-	15,367
092	5,598	62,760	6,887	-	-	75,245
093	3,167	29,074	1,343	-	-	33,584
094	-	57,642	5,188	-	-	62,830
095	-	22,108	-	-	-	22,108
096	-	2,027	-	-	-	2,027
097	-	2,605,715	-	-	-	2,605,715
098	157,977	-	847,923	-	-	1,005,900

Contd.....p/4



(1)	(2)	(3)	(4)	(5)	(6)	(7)
099	52,749	-	282,551	-	-	335,300
100	223,490	-	1,622,470	-	-	1,845,960
101	40,969	-	2,321,091	-	-	2,362,060
102	-	-	5,112,600	-	-	5,112,600
103	-	-	478,316	-	-	478,316
104	-	-	3,805,090	-	-	3,805,090
105	-	5,533,545	-	-	-	5,533,545
106	1,067,727	313,306	-	-	-	1,381,033
107	743,203	62,609	-	-	-	805,812
108	10,313,254	8,480,485	-	-	-	18,793,739
109	6,038,446	9,915,932	-	-	-	15,954,378
110	824,819	808,019	-	-	-	1,632,838
111	24,303	2,021,089	-	-	-	2,045,392
112	3,509	501,491	-	-	-	505,000
113	40,505	440,550	-	-	-	481,055
114	18,082	31,706	-	-	-	49,788
115	353,191	498,859	-	-	-	852,050
116	1,957,085	2,366,194	-	-	-	4,323,279
117	5,021,369	13,100,796	-	-	-	18,122,165
118	7,236,529	3,305,343	-	-	-	10,541,872

DOMESTIC DEMAND FOR IMPORTED GOODS

Sector Code	Intermediate Demand	Final Demand			Re-Exports	Aggregate Demand
		Consumption	Investment	Stock Changes		
1	2	3	4	5	6	7
001	558,557	269,393	-	-	-	827,650
002	981,797	876,818	-	-	-	1,369,412
003	-	-	-	-	-	49
004	-	49	-	-	-	-
005	-	-	-	-	-	-
006	-	-	-	-	-	-
007	-	-	-	-	-	-
008	-	-	-	-	-	26,379
009	27,477	4,097	-	-	-	79,225
010	2,477	75,748	-	-	-	-
011	-	-	-	-	-	546,751
012	2,383	543,868	-	-	-	5,124
013	-	5,124	-	-	-	-
014	-	-	-	-	-	108,887
015	115,446	-	-	-6,559	-	3,973,445
016	2,673,454	1,299,991	-	-	-	-
017	-	-	-	-	-	-
018	-	6,014	-	-	-	6,014
019	-	932,572	-	-	-	2,061,018
020	1,128,445	1,203,475	-	-	-	1,724,178
021	520,702	1,495	-	-	-	1,495
022	-	176	-	-	-	176
023	-	788,345	-	-	1,394	800,472
024	10,733	2,948	-	-	12	12,428
025	9,468	19,060	-	-	15	19,075
026	-	-	-	-64,479	-	634
027	65,113	-	-	-300,065	-	1,898
028	301,963	-	-	-125,345	818	4,727
029	129,254	-	-	-	-	113,084
030	11,571	101,513	-	-	-	-

1	2	3	4	5	6	7
031	-	935	-	-	-	935
032	12,560	818,482	-	-	-	831,042
033	-	14,593	-	-	-	14,593
034	35,658	884,484	-	-	1,425	921,567
035	-	620	-	-	-	620
036	-	6,018	-	-	-	6,018
037	21,787	162,696	2,732	-	-	187,215
038	247,038	245,277	-	-	34	492,347
039	16,679	16,591	-	-	32	33,302
040	76,740	14,736	-	-	-	91,476
041	-	5	-	-	-	5
042	463,267	8,440	-	-	7	469,714
043	51,043	390,349	-	-	-	441,392
044	599,320	290,737	-	-	-	890,057
045	-	32,157	-	-	-	32,157
046	19,632	-	-	517,198	-	536,830
047	-	19,544	-	-	-	19,544
048	-	-	-	-	-	-
049	1,027,068	650,971	-	-	1,244	1,679,283
050	155,207	126,149	-	311,602	3	592,961
051	5,101,701	681,055	-	754,662	-	6,537,618
052	-	-	-	2,020	-	2,020
053	138,195	28,463	-	-32,883	144	133,789
054	114,206	104,448	-	-	207	218,861
055	2,167,368	-	-	1,691,982	451	3,859,801
056	545,337	361,024	31,041	-	11,185	950,587
057	126,397	619,653	47,537	-	14,141	807,725
058	887,097	2,077,856	1,246,466	-	39,539	4,250,958
059	681,414	1,344,003	361,468	-	16,010	2,402,895
060	-	26,066	60	-	-	26,126
061	1,295,967	974,038	284,843	-	10,409	2,565,257
062	-	144,635	1,894	-	-	146,529
063	79,329	-	-	-49,871	-	29,458
064	14,456	102,301	-	-	192	116,949

Contd.....3

1	2	3	4	5	6	7
					104	9,831
065		9,727	-	-	687	25,934
066	-156	25,091	-	-95,827	69,137	445,510
067	472,200	-	-	-	-	-
068	-	-	-	-	-	-
069	-	-	-	-	-	-
070	-	-	-	-	-	-
071	-	-	-	-	-	-
072	-	-	-	-	-	-
073	-	-	-	-	-	-
074	-	-	-	-	-	-
075	-	-	-	-	-	-
076	-	-	-	-	-	-
077	-	-	-	-	-	-
078	-	-	-	-	-	-
079	-	-	-	-	-	-
080	-	-	-	-	-	-
081	-	-	-	-	-	-
082	-	-	-	-	-	-
083	-	-	-	-	-	-
084	-	-	-	-	-	-
085	-	-	-	-	-	-
086	-	-	-	-	-	-
087	-	-	-	-	-	-
088	-	-	-	-	-	-
089	-	-	-	-	-	-
090	-	-	-	-	-	-
091	-	-	-	-	-	-
092	-	-	-	-	-	-
093	-	-	-	-	-	-
094	-	-	-	-	-	-
095	-	-	-	-	-	-
096	-	-	-	-	-	-
097	-	-	-	-	-	-
098	-	-	-	-	-	-
099	-	-	-	-	-	-
100	-	-	-	-	-	-

Contd.....4

1	2	3	4	5	6	7
101	-	-	-	-	-	-
102	-	-	-	-	-	-
103	-	-	-	-	-	-
104	-	-	-	-	-	-
105	-	-	-	-	-	-
106	-	-	-	-	-	-
107	-	-	-	-	-	-
108	-	-	-	-	-	-
109	-	-	-	-	-	-
110	-	-	-	-	-	-
111	-	-	-	-	-	-
112	-	-	-	-	-	-
113	-	-	-	-	-	-
114	-	-	-	-	-	-
115	-	-	-	-	-	-
116	-	-	-	-	-	-
117	-	-	-	-	-	-
118	-	-	-	-	-	-

Appendix III

Input-Output Coefficient Matrix

Sector 001 - Wheat Growing on Small Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
001	0.056360	-
013	0.198487	-
016	0.000997	-
044	0.00352	0.009037
049	0.000025	-
051	0.011346	-
057	0.003939	0.002319
106	0.004736	-
108	0.045363	-
109	0.044442	-
110	0.001920	-
116	0.003867	-
117	0.010325	-
118	0.003115	-
120		0.395000
130		0.009406
140		0.404406
150		
160		

Sector 002 - Wheat Growing on Large Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
002	0.048367	-
012	0.000011	-
013	0.177017	-
016	0.000001	-
044	0.039505	0.027046
049	0.000027	-
051	0.010161	-
057	0.003527	0.002077
106	0.004286	-
108	0.034665	-
109	0.039065	-
110	0.003536	-
116	0.003712	-
117	0.009621	-
118	0.002790	-
120	0.427091	
130	0.029123	
140	0.453214	
150		
160	0.543736	



Sector 003 - Rice Growing on Small Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
003	0.025218	
013	0.115589	
016	0.000000	-
044	0.012278	0.008406
049	0.000533	-
051	0.015286	-
057	0.005306	0.003124
106	0.006449	-
108	0.066345	-
109	0.137610	-
110	0.014431	-
116	0.003328	-
117	0.013081	-
118	0.000948	-
120		0.415402
130		0.011530
140		0.427932
150		
160		0.572068

Sector 004 - Rice Growing on Large Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
004	0.034626	-
012	0.000007	-
013	0.235864	-
016	0.000017	-
044	0.033295	0.022793
049	0.001637	-
051	0.030400	-
057	0.010533	0.006212
106	0.012822	-
108	0.155286	-
109	0.092862	-
110	0.033801	-
116	0.003193	-
117	0.026003	-
118	0.005153	-
120	0.675569	-
130	0.029007	-
140	0.704376	-
150	-	-
160	0.205424	-

Sector 005 - Cotton Growing on Small Farms.

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
005	0.020457	-
013	0.113134	-
016	0.000014	-
044	0.021456	0.021456
049	0.002022	-
051	0.013972	-
057	0.004651	0.002856
106	0.005893	-
108	0.144986	-
109	0.032480	-
110	0.000902	-
116	0.003496	-
117	0.011589	-
118	0.000338	-
120		0.375479
130		0.024312
140		0.090791
150		"
160		0.000000

Sector 006 - Cotton Growing on Large Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
006	0.021564	-
012	0.000007	-
013	0.130806	-
016	0.000025	-
044	0.029983	0.029527
049	0.001652	-
051	0.016280	-
057	0.005651	0.003327
106	0.006866	-
108	0.151724	-
109	0.032095	-
110	0.000942	-
116	0.003471	-
117	0.013141	-
118	0.000999	-
120	0.415206	
130	0.623354	
140	0.439050	
150	-	
160	0.560040	

Sector 007 - Sugar-Cane Growing on Small Farms

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported.</u>
007	0.036500	-
012	0.000002	-
013	0.054564	-
016	0.000001	-
044	0.013872	0.009497
049	0.001999	-
051	0.012419	-
057	0.004312	0.002538
106	0.005238	-
108	0.155834	-
109	0.022013	-
116	0.003500	-
117	0.011771	-
118	0.003410	-
120		0.325435
130		0.012055
140		0.337520
150		-
160		0.662400

Sector 008 - Sugar-Cane Growing on Large Farm

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
008	0.029112	-
012	0.000003	-
013	0.054410	-
016	0.000009	-
044	0.014574	0.009978
049	0.001315	-
051	0.012608	-
057	0.004377	0.002576
106	0.005317	-
108	0.164992	-
109	0.019208	-
110	0.001568	-
116	0.003466	-
117	0.011925	-
118	0.003462	-
120		0.326346
130		0.012554
140		0.388223
150		-
160		0.661123

Sector 009 - Tobacco Growing

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
009	0.044286	-
012	0.000004	-
013	0.036809	-
016	0.000009	-
044	0.026792	0.018342
049	0.003126	-
051	0.002024	-
057	0.000701	0.000413
106	0.000854	-
108	0.007083	-
109	0.023546	-
116	0.003744	-
117	0.002602	-
118	0.000555	-
120	0.242126	
130	0.018755	
140	0.250081	
150	-	
<b>160</b>	<b>0.730118</b>	

Sector 010- Oil Seeds Other than Cotton Seeds

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
010	0.012788	-
013	0.229543	-
016	0.000001	-
044	0.004554	0.003118
049	0.000357	-
051	0.013163	-
057	0.004569	0.002690
106	0.005552	-
108	0.005480	-
109	0.010121	-
110	0.001939	-
116	0.003799	-
117	0.007487	-
118	0.003614	-
<b>120</b>		0.392977
130		0.005808
140		0.323785
150		-
<b>160</b>		0.601215



Sector 011 - Pulses

Sector Code	<u>Indigenous</u>	Imported
011	0.066753	-
013	0.453785	-
044	0.001112	0.000746
051	0.026080	-
057	0.034246	0.020151
106	0.011000	-
108	0.097415	-
109	0.014861	-
110	0.005301	-
116	0.003827	-
117	0.005715	-
118	0.023331	-
120		0.743430
130		0.020897
140		0.764327
150		-
160		0.235673

Sector 012 - Other Crops

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	0.060350	-
013	0.146120	-
016	0.000002	-
044	0.011705	0.008014
049	0.000336	-
051	0.000170	-
057	0.002837	0.001669
106	0.003446	-
108	0.007093	-
109	0.023546	-
116	0.005607	-
117	0.006093	-
118	0.002243	-
120	0.367543	-
130	0.009683	-
140	0.377226	-
150	-	-
160	0.622774	-

Sector 013 - Livestock

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
001	0.025439	-
002	0.043206	-
003	0.006815	-
004	0.003611	-
007	0.003124	-
008	0.012231	-
011	0.007547	-
012	0.254051	-
016	0.004513	-
043	0.002297	-
108	0.035941	-
109	0.021165	-
110	0.000252	-
116	0.002129	-
117	0.004514	-
120		0.431515
130		-
140		0.431515
150		-
160		0.568395

Sector 014 - Fisheries

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
050	0.008589	-
108	0.068152	-
109	0.050841	-
110	0.008391	-
116	0.003105	-
120	0.139078	-
130	-	-
140	0.139078	-
150	-	-
160	0.860022	-

Sector 015 - Forestry

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
056	0.014842	-
108	0.174570	-
109	0.012983	-
110	0.005226	-
116	0.001959	-
120		0.209580
130		-
140		0.209580
150		-
160		0.790420

Sector 015 - Mining and Quarrying.

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	0.034358	-
056	0.009772	-
058	-	0.057555
108	0.077630	-
109	0.009654	-
110	0.013619	-
116	0.009646	-
117	0.067379	-
118	0.071986	-
120	0.296244	-
130	0.057555	-
140	0.351590	-
150	1.019603	-
160	0.687700	-

Sector 017 - Grain Milling

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
001	0.139580	0.026932
002	0.454726	0.086268
012	0.035418	-
015	0.000003	-
016	0.000391	-
034	0.028087	-
039	0.000271	-
049	0.002715	-
051	0.000550	-
054	0.002804	-
058	0.000746	-
106	0.012252	-
107	0.001384	-
108	0.032694	-
109	0.010561	-
110	0.002802	-
115	0.000829	-
116	0.004232	-
117	0.000260	-
118	0.000893	-
120		0.731785
130		0.115200
140		0.046935
150		0.001612
160		0.151006

Sector 018 - Rice Milling

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
003	0.243262	-
004	0.327507	-
015	0.000055	-
016	0.000302	-
039	0.000404	-
049	0.070823	0.000820
051	0.008767	-
058	0.000336	-
106	0.012880	-
108	0.028687	-
109	0.119115	-
110	0.028763	-
115	0.001069	-
116	0.003030	-
117	0.000178	-
118	0.001261	-
120		0.846440
130		0.000829
140		0.847269
150		0.000370
160		0.152361



Sector 010 - Sugar Refining

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
007	0.152012	-
008	0.244678	-
015	0.090943	-
016	0.022709	-
034	0.035233	-
039	0.000948	-
049	0.022278	0.001813
051	0.010755	-
058	0.005795	-
070	0.015214	-
106	0.001226	-
107	0.009422	-
108	0.191271	-
109	0.009315	-
110	0.001849	-
115	0.001123	-
116	0.004530	-
117	0.000856	-
118	0.008057	-
120		0.587436
130		0.001813
140		0.589249
150		0.253239
160		0.157521

Sector 020 - Edible Oils

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
010	0.018718	0.000077
015	0.000069	-
016	0.000023	-
020	0.210295	0.240002
024	0.000129	-
039	0.000003	-
049	0.000533	0.017654
051	0.000048	-
056	0.022586	0.046516
058	0.001267	0.001174
063	0.052776	-
106	0.000371	-
107	0.006352	-
108	0.005370	-
109	0.012755	-
110	0.000313	-
115	0.002127	-
116	0.000030	-
117	0.000415	-
118	0.015674	-
120		0.453300
130		0.306323
140		0.760221
150		0.166021
160		0.072056

Sector 021 - Tea Blending

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
021		0.606316
029	0.000201	-
032	0.000112	-
037	0.001253	-
038	0.059389	0.007613
039	0.000707	-
049	0.000663	-
051	0.000482	-
056	0.000205	-
058	0.000281	0.000340
064	0.000744	-
106	0.000546	-
107	0.000030	-
108	0.041384	-
109	0.004710	-
110	0.001222	-
113	0.004351	-
114	0.002458	-
115	0.008121	-
116	0.005636	-
117	0.000941	-
118	0.003717	-
120		0.136251
130		0.614269
140		0.750520
150		0.975689
160		0.173792

Sector 022 - Fish and Fish Preparations

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
014	0.508925	-
019	0.000225	-
039	0.004952	-
049	0.000124	-
051	0.001356	-
054	0.000077	-
056	0.010102	0.055000
058	0.002087	0.000111
106	0.004334	-
107	0.000410	-
108	0.109495	-
109	0.020240	-
110	0.007143	-
115	0.006919	-
116	0.003500	-
117	0.008652	-
118	0.010342	-
120	0.797932	-
130	0.056020	-
140	0.853952	-
150	-	-
160	0.146068	-

Sector 023 - Confectionary and Bakery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000339	-
017	0.074950	-
019	0.128117	-
020	0.053030	0.042932
024	0.038065	0.063970
034	0.000159	-
038	0.043494	0.020795
039	0.004573	-
049	0.011966	0.022216
051	0.002070	-
053	0.000036	0.001068
106	0.003542	-
107	0.007768	-
108	0.172570	-
109	0.040321	-
110	0.010452	-
113	0.000664	-
114	0.000375	-
115	0.0003696	-
116	0.004450	-
117	0.006001	-
118	0.005157	-
120		0.012305
130		0.159091
140		0.762636
150		0.056918
160		0.180306

Sector 024 - Other Food Industries

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	0.317610	0.005004
015	0.000201	-
016	0.002187	-
019	0.010388	-
020	0.001244	-
024	0.018146	0.000446
025	0.000639	-
034	0.000049	-
037	0.000629	0.000046
038	0.000210	0.001077
039	0.001332	-
049	0.000685	0.003815
050	0.000170	-
051	0.005218	-
053	0.007778	0.000504
056	0.016231	0.061597
058	0.001632	0.004734
063	0.022393	-
106	0.008278	-
107	0.001399	-
108	0.171969	-
109	0.048971	-
110	0.005103	-
113	0.000550	-
114	0.000012	-
115	0.002154	-
116	0.004189	-
117	0.003230	-
118	0.002733	-
120		0.655630
130		0.077223
140		0.732853
150		0.003273
160		0.263869

Sector 025 - Beverages

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.000148	
019	0.125057	0.015523
025	0.034348	
038	0.000767	
039	0.003815	0.006396
049	0.014071	0.000256
050		
051	0.007955	0.011233
053	0.018530	
055	0.003302	
056	0.005345	0.000876
058	0.001840	
106	0.003972	
107	0.004754	
108	0.172371	
109	0.040316	
110	0.010445	
113	0.003101	
114	0.001751	
115	0.005356	
116	0.008317	
117	0.003170	
118	0.013583	

120  
130  
140  
150  
160

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0.541428

Sector 026 - Cigarettes and Other Tobacco Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
009	0.184847	0.013111
016	0.000004	-
019	0.000001	-
038	0.024435	-
039	0.000041	-
049	0.000711	0.000502
051	0.001122	-
056	0.000396	0.005187
058	0.001142	0.002287
106	0.001319	-
107	0.001465	-
108	0.002910	-
109	0.023366	-
110	0.001366	-
113	0.000225	-
114	0.000127	-
115	0.000388	-
116	0.005311	-
117	0.000254	-
118	0.001288	-
120		0.341576
130		0.021087
140		0.362663
150		0.490289
160		0.138046



Sector 027 - Cotton Yarn

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.000910	-
028	0.003275	0.005336
029	0.003275	0.023046
038	0.014378	-
039	0.001114	-
049	0.002423	-
050	0.005193	-
051	0.001610	-
058	0.021490	-
063	0.005473	0.002980
106	0.022794	0.015147
107	0.006815	-
108	0.005410	-
109	0.007289	-
110	0.001912	-
115	0.001370	-
116	0.036710	-
117	0.004155	-
118	0.012990	-
120		0.683505
130		0.046350
140		0.730154
150		0.019379
160		0.250297

Sector 028 - Cotton Fabrics

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000006	-
016	0.000072	-
027	0.190885	-
029	0.040240	-
032	0.000012	-
034	0.001430	-
037	0.010725	0.000020
038	0.000791	-
039	0.001111	-
049	0.024620	0.020270
050	0.000605	-
051	0.000604	-
058	0.020043	0.010317
063	0.282704	0.014550
106	0.024042	-
107	0.011043	-
108	0.006869	-
109	0.008032	-
110	0.003238	-
113	0.001127	-
114	0.000637	-
115	0.001365	-
116	0.020770	-
117	0.004141	-
118	0.016023	-
120		0.000040
130		0.053075
140		0.743326
150		0.046600
160		0.200570

Sector 029 - Silk and Synthetic Textiles

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
027	0.160679	0.020740
028	0.009804	0.009291
029	0.125822	0.040140
034	0.000007	0.001165
038	0.014012	0.001106
039	0.002326	-
049	0.036610	0.119557
050	0.004886	0.000039
051	0.002608	-
055	0.000122	-
056	0.000028	0.000624
058	0.005814	0.001022
106	0.013780	-
107	0.011843	-
108	0.134927	-
109	0.014324	-
110	0.003723	-
113	0.000368	-
114	0.000202	-
115	0.003129	-
116	0.027715	-
117	0.001870	-
118	0.016986	-
120		0.592156
130		0.104583
140		0.786739
150		0.075067
160		0.139104

Sector 030 - Woollen Textiles

Sector Code	Indigenous	<u>Imported</u>
015	0.000051	-
016	0.000008	-
027	0.026560	-
029	-	0.009791
030	-	0.015114
034	0.020273	-
038	0.001451	0.002576
039	0.000308	-
040	0.197701	-
049	0.003614	0.010244
050	0.000519	0.006613
051	0.002085	-
058	0.155455	0.001833
106	0.008134	-
107	0.006072	-
108	0.172855	-
109	0.022897	-
110	0.002127	-
113	0.001216	-
114	0.000687	-
115	0.001360	-
116	0.030001	-
117	0.001743	-
118	0.012716	-
120		0.667833
130		0.046101
140		0.719939
150		0.026868
160		0.259193

Sector: 031 - Hosiery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000057	-
016	0.000023	-
027	0.386263	0.000772
028	0.006795	-
029	0.031489	0.061186
030	0.150087	0.031012
031	0.001496	-
032	0.002515	-
038	0.009959	0.013905
039	0.001449	-
042	0.001001	0.000534
049	0.015659	0.018032
050	0.003946	0.019404
051	0.001429	-
056	0.000067	-
058	0.009102	0.004460
106	0.000600	-
107	0.007720	-
108	0.134924	-
109	0.014891	-
110	0.003726	-
113	0.000305	-
114	0.000172	-
115	0.002116	-
116	0.016259	-
117	0.001372	-
118	0.018155	-
120		0.821083
130		0.149305
140		0.970388
150		0.025236
160		0.054848

Sector: 032 - Thread Ball Making

Sector Code	Indigenous	:	<u>Imported</u>
	<b>0*00000 9</b>		-
016	03 000026		
027	' 0. 485421		v'u
...	<b>0,,001926</b>		
038	'0,, 0 42511		0.001717
039	• ' 0.002632		
049	0'.029419		0.027998
051	' 0':001796		"" "U
058	5 CE 001342		0. 0.0,£850
	OV00'3434	'	f . ,
	•OV003051		
IP®	<b>01135274</b>		
	<b>0.012395</b>		
.110	'0 .'003217		
113	3-3:9.'" 001002	...3 3530	,,
114	'"30,000 567		
115	J^dOSOOS^		
11 <sup>b</sup>	'0 5028931		
117 ;	0100 0122		
i'is	: o; 019581		
120		3^i.... •• 'a'	. 0. 7 76191
130		'	0, 032565
			p. 80 8 75 6
15°	3	V	0, 00140 3
160	- -		0.189941

Sector: 033 - Carpets and Rugs

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000006	-
016	0.000019	-
027	0.051137	0.035779
030	0.263741	0.002601
032	0.000459	0.010685
038	0.002034	0.036188
039	0.002748	-
049	0.011007	0.007162
050	0.000715	0.095300
051	0.001180	-
058	0.000140	0.001054
067	-	0.021842
106	0.001865	-
107	0.002231	-
108	0.018805	-
109	0.002005	-
110	0.003787	-
113	0.002214	-
114	0.001251	-
115	0.004099	-
116	0.029148	-
117	0.001084	-
118	0.011768	-
120		0.411443
130		0.210541
140		0.622084
150		0.070522
160		0.307394

Sector: 034 - Other Textiles

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000051	-
016	0.000025	-
027	0.326884	-
029	0.005892	-
034	0.109024	0.019088
038	0.000533	-
039	0.000210	-
049	0.031033	0.001276
050	0.000069	-
051	0.002373	-
056	0.000139	-
058	0.008185	0.000827
106	0.011193	-
107	0.022058	-
108	0.134639	-
109	0.019767	-
110	0.000447	-
113	0.000024	-
114	0.000014	-
115	0.000220	-
116	0.030543	-
117	0.000330	-
118	0.000879	-
120		0.704532
130		0.021191
140		0.725723
150		-0.002944
160		0.277221



Sector: 035 - Footwear Other Than Rubber Footwears

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000228	-
034	0.087007	-
039	0.001613	-
040	0.157226	0.022911
042	0.095729	0.092817
049	0.023011	0.220893
050	0.004268	0.038643
051	0.000186	-
055	0.001613	-
056	0.013333	0.025795
058	0.004354	0.002898
106	0.003997	-
107	0.002227	-
108	0.042012	-
109	0.012748	-
110	0.001527	-
113	0.000457	-
114	0.000257	-
115	0.005168	-
116	0.017044	-
117	0.001085	-
118	0.011706	-
120		0.486796
130		0.403957
140		0.890753
150		-
160		0.109247

Sector: 036 - Wearing Apparat

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
027	0.005833	-
028	0.158714	0.297825
029	0.000899	0.004423
032	0.001199	0.000397
038	0.014042	0.003101
039	0.001446	-
042	0.000520	-
049	0.001786	0.018334
050	0.006439	0.012829
051	0.000828	-
056		0.000517
058	0.001365	0.001762
106	0.001724	-
107	0.000334	-
108	0.017745	-
109	0.001890	-
110	0.003789	-
113	0.001277	-
114	0.000722	-
115	0.005163	-
116	0.033525	-
117	0.001005	-
118	0.017763	-
120		0.278008
130		0.339108
140		0.617196
150		0.006525
160		0.376279

Sector: 037 - Wood Cork and Furniture

Sector Code	<u>Indigenous</u>	<u>Imported</u>
015	0.157574	0.110792
016	0.000054	-
034	0.000668	-
037	0.036190	0.137614
038	0.056070	-
039	0.004657	-
040	0.003806	-
042	0.000097	-
046	0.001693	-
049	0.002986	0.94811
050	0.001542	-
051	0.011611	-
053	0.000399	-
055	0.001595	-
056	0.001897	0.012290
058	0.006242	0.004388
106	0.013174	-
107	0.014209	-
109	0.007234	-
110	0.001876	-
113	0.000356	-
114	0.000205	-
115	0.012592	-
116	0.009584	-
117	0.000323	-
118	0.036546	-
120		0.593180
130		0.299895
140		0.593675
150		0.016508
160		0.260417

Sector: 038 - Paper Board and Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
002	0.000172	--
012	0.000756	--
015	0.024058	0.000005
019	0.015944	--
037	0.000064	0.011323
038	0.239998	0.003474
039	0.002234	--
049	0.016990	0.023133
050	0.001073	0.000053
051	0.010405	--
053	0.000045	--
055	0.001531	0.002455
056	0.000051	0.006994
058	0.013146	0.002539
106	0.019963	--
107	0.026424	--
108	0.175148	--
109	0.010133	--
110	0.002627	--
115	0.002594	--
116	0.017430	--
117	0.001952	--
118	0.013073	--
120		0.595811
130		0.040976
140		0.645787
150		0.059378
160		0.285835

Sector: 039 - Printing and Publishing

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000062	-
016	0.000045	-
034	0.000335	-
038	0.317224	0.019727
039	0.001486	0.038290
042	0.000067	-
046	0.000087	-
049	-	0.022440
051	0.001657	-
056	0.004533	0.006658
058	0.041514	0.000913
106	0.003375	-
107	0.000145	-
108	0.173017	-
109	0.019803	-
110	0.005132	-
113	0.000416	-
114	0.000237	-
115	0.005370	-
116	0.031646	-
117	0.001375	-
118	0.025016	-
120	-	0.532543
130	-	0.088028
140	-	0.729571
150	-	0.000430
160	-	0.278999

## Sector: 040 - Leather and Leather Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
013	0.594665	"
015	0.000029	"
039	0.001023	"
040	0.005323	0.033386
049	0.039983	"
051	0.001863	"
058	0.001452	0.019354
106	0.003221	"
107	0.000886	"
108	0.016127	"
109	0.004615	"
110	0.002792	"
115	0.002361	"
116	0.012848	"
117	0.000821	"
118	0.024663	"
120		0.712672
130		0.052740
140		0.765412
150		0.039019
160		0.195569

Sector: 041 - Rubber Footwear

<u>Sector Code</u>	<u>indigenous</u>	<u>Imported</u>
015		0.183943
039	0.000667	-
042	0.000000	0.220074
049	0.027951	0.200872
050	0.002504	-
051	0.007572	-
106	0.005756	-
107	0.004186	-
108	0.166321	-
109	0.022731	-
110	0.005889	-
113	0.003128	-
114	0.001767	-
115	0.001487	-
116	0.013284	-
117	0.000415	-
118	0.006199	-
120		0.269857
130		0.604889
140		0.871746
150		0.024367
160		0.100887

## Sector: 042 - Other Rubber Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000044	0.105255
016	0.000318	-
027	0.003032	-
034	0.011245	-
038	0.003749	-
039	0.000808	-
042	0.007095	0.015778
049	0.001946	0.014401
050	0.002722	0.000247
051	0.011639	0.000075
054	0.001067	0.005543
055	0.000195	-
056	0.083099	0.268639
058	0.001476	0.000111
106	0.011038	-
107	0.009234	-
108	0.166316	-
109	0.022729	-
110	0.005889	-
113	0.002189	-
114	0.001238	-
115	0.001799	-
116	0.029502	-
117	0.000414	-
118	0.009387	-
120		0.386170
130		0.410049
140		0.796219
150		0.042797
160		0.160984



Sector: 043 - Pharmaceutical and Medicine Preparation

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000025	"
016	0.000645	0.000150
038	0.011404	0.041113
039	0.010688	0.002852
042	0.000003	"
043	0.011251	0.048954
049	0.051117	0.331700
051	0.001602	"
053	0.053643	0.113247
055	0.000068	"
058	"	0.000537
066	0.000652	0.000150
067	"	0.003203
106	0.003740	"
107	0.002850	"
108	0.104938	"
109	0.016705	"
110	0.004329	"
113	0.003974	"
114	0.002245	"
115	0.003075	"
116	0.017753	"
117	0.000389	"
118	0.021380	"
120		0.330471
130		0.541906
140		0.872377
150		0.022155
160		0.105438

Sector: 044 - Fertilizers

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.057674	0.033444
039	0.000955	-
049	0.006381	0.005187
050	0.001424	-
051	0.015382	0.000128
054	-	0.012696
058	0.095097	0.014106
106	0.021159	-
107	0.119083	-
108	0.076092	-
109	0.100263	-
110	0.058070	-
115	0.004505	-
116	0.016780	-
117	0.001328	-
118	0.027151	-
120	-	0.601344
130	-	0.065561
140	-	0.666905
150	-	0.006779
160	-	0.326316

Sector: 045 Perfumes and Cosmetics

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
038	0.012919	0.008889
039	0.000828	"
049	0.079979	0.191765
051	0.059749	0.025959
053	0.041656	0.021655
056	0.029488	"
058	0.000131	0.004128
106	0.001307	"
107	0.001295	"
108	0.079989	"
109	0.012734	"
110	0.003301	"
113	0.002200	"
114	0.001242	"
115	0.003922	"
116	0.017571	"
117	0.001155	"
118	0.013399	"
120		0.362865
130		0.252396
140		0.615261
150'		0.237713
160		0.157026

Sector: 043 - Pharmaceutical and Medicine Preparation

<u>Sector Code</u>	<u>Indigenous</u>	imported
015	0.000063	
016	0.000005	
039	0.001148	
046	0.051374	0.092,683
049	0.144267	0.288904
051	0.009436	0.006950
054	0.000107	
056	0.010378	0,,000068
106	0.001324	
107	0.000151	
108	0.105034	
109	0.014329	
110	0.005778	
113	0.003194	
114	0.001807	
115	0.001626	
116	0.016723	
117	0.000303	
118	0.002159	
120	0.369206	
130	0.388605	
140	0.757811	
150	0.201052	
160	0.041137	

Sector: 047 - Soaps and Detergents

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000567	-
020	0.244093	0.254240
038	0.013319	-
039	0.001615	-
049	0.045135	0.027448
051	0.000748	-
054	0.024950	-
058	0.000050	-
067	-	0.002530
106	0.002989	-
107	0.005642	-
108	0.105032	-
109	0.014332	-
110	0.005778	-
113	0.000621	-
114	0.000350	-
115	0.003550	-
116	0.016225	-
117	0.000376	-
118	0.010036	-
120		0.495400
130		0.284218
140		0.779626
150		0.639377
160		0.130497

Sector: 048 - Matches

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.136539	..
038	0.285541	..
039	0.001106	..
049	0.088429	..
051	0.009317	..
058	0.006590	..
106	0.005468	..
107	0.000156	..
108	0.077233	..
109	0.022119	..
110	0.005811	..
115	0.005281	..
116	0.016766	..
117	0.001556	..
118	0.054450	..
120	0.716672	
130	0	
140	0.716672	
150	0.160110	
160	0.123218	

Sector: 049 Other Chemicals

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.001099	-
016	0.056743	0.012084
032	0.000033	-
034	0.001842	-
038	0.009107	0.001938
039	0.001091	-
049	0.100670	0.002071
050	0.000603	-
051	0.001281	-
053	0.029971	-
054	0.001019	-
055	0.003824	0.002708
058	0.062884	0.008104
059	-	0.000096
106	0.042186	-
107	0.030836	-
108	0.105032	-
109	0.014335	-
110	0.005778	-
113	0.001432	-
114	0.000810	-
115	0.005148	-
116	0.020812	-
117	0.001517	-
118	0.002535	-
120	0.500594	-
130	0.067401	-
140	0.567995	-
150	0.096506	-
160	0.235499	-

Sector: 050 - Plastic Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.052225	0.061528
034	0.001627	..
038	0.012214	0.028509
039	0.006107	-
042	0.039183	..
049	0.072501	..
050	0.017009	..
051	0.004195	0.013413
056	0.018436	0.005894
058	-	0.002768
106	0.015139	..
107	0.002126	..
108	0.077238	..
109	0.022416	..
110	0.005807	..
113	0.000742	..
114	0.000416	..
115	0.008005	..
116	0.030236	..
117	0.004794	..
118	0.016053	..
120	0.406467	
130	0.111812	
140	0.518279	
150	0.124554	
160	0.357167	



Sector 051 - Petroleum Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.026649	0.652444
039	0.000190	-
051	0.013857	-
056	0.003151	0.008893
058	0.000373	-
067	-	0.000375
106	0.003076	-
108	0.102603	-
109	0.045212	-
110	0.000438	-
115	0.000353	-
116	0.001122	-
117	0.007165	-
118	0.010236	-
120	0.214426	
130	0.661712	
140	0.876138	
150	0.026752	
160	0.150621	

Sector: 052 - Cement

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000087	"
016	0.036129	"
034	0.115020	0.012009
038	0.006823	"
039	0.004701	"
049	0.00938	"
051	0.006793	0.000509
053	0.003019	0.001533
056	0.003519	"
058	0.032835	0.003584
106	0.047371	"
107	0.160472	"
108	0.016812	"
109	0.096806	"
110	0.039022	"
115	0.008881	"
116	0.023778	"
117	0.003697	"
118	0.009292	"
120	0.616495	
130	0.017735	
140	0.634230	
150	0.156906	
160	0.208964	

Sector: 053 - Glass and Glass Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000045	-
016	0.009774	0.034558
037	0.026923	-
038	0.002333	-
039	0.003692	-
042	0.000202	-
045	-	0.002579
049	0.071120	0.024531
050	0.003005	0.029784
051	0.038970	-
053	0.056092	0.090749
055	0.601119	0.001795
058	0.015771	0.016460
106	0.021718	-
107	0.090334	-
108	0.077237	-
109	0.022421	-
110	0.005806	-
113	0.000639	-
114	0.000363	-
115	0.004774	-
116	0.021483	-
117	0.001215	-
118	0.010465	-
120	0.535405	
130	0.200397	
140	0.735711	
150	0.147916	
160	0.116387	

Sector: 054 - Other Non-Metallic Mineral Products

Sector Code	<u>Indigenous</u>	Imported
015	0.001522	-
016	0.205733	0.032698
034	0.011763	-
038	0.000422	-
039	0.001254	-
050	0.001198	-
051	0.019799	0.001163
052	0.041983	-
055	0.023380	-
056	0.053026	-
058	0.019446	-
067	-	0.001441
106	0.012927	-
107	0.021053	-
108	0.009698	-
109	0.063283	-
110	0.026539	-
115	0.001413	-
116	0.019619	-
117	0.001579	-
118	0.056916	-
120	0.593126	
130	0.035282	
140	0.620408	
150	0.061191	
160	0.310401	

Sector: 055 - Basic Metals

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000058	-
016	0.004896	-
037	0.000696	-
038	0.000892	0.001773
039	0.000655	-
049	0.000092	0.001167
050	-	0.000618
051	0.002819	-
054	0.000009	0.000208
055	0.403382	0.075435
056	0.000003	-
057	0.000112	-
058	0.001129	0.011918
106	0.016862	-
107	0.011322	-
108	0.116631	-
109	0.103542	-
110	0.003003	-
115	0.001414	-
116	0.005224	-
117	0.000335	-
118	0.030625	-
120		0.703709
130		0.091119
140		0.794627
150		0.025799
160		0.179374

Sector:056 - Metal Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000286	0.002018
016	0.002570	-
028	-	0.028451
038	0.015391	0.005176
039	0.011981	-
046	0.000618	-
049	-	0.003317
051	0.011248	
054	-	0.004812
055	-	0.411317
056	0.000811	0.004295
058	0.017215	0.014396
106	0.002057	-
107	0.007754	-
108	0.114011	-
109	0.046436	-
110	0.011281	-
113	0.001089	-
114	0.000616	-
115	0.020816	-
116	0.025683	-
117	0.000694	-
118	0.042934	-
120	0.333495	
130	0.473782	
140	0.807277	
150	-	
160	0.192723	

Sector:057 - Agricultural Machinery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000115	-
016	0.010924	-
039	0.000447	-
040	0.000044	-
042	0.001483	-
046	0.000044	-
051	0.000610	0.005090
055	0.073004	0.013477
056	0.004263	0.000041
058	0.000999	0.652791
059	0.000220	-
106	0.001253	-
107	0.000410	-
108	0.013250	-
109	0.083624	-
110	0.006549	-
111	0.006139	-
112	0.004094	-
113	0.000447	-
114	0.000254	-
115	0.001405	-
116	0.019904	-
117	0.004094	-
118	0.015519	-
120		0.249095
130		0.674390
140		0.923494
150		0.000403
160		0.076103

Sector:058 - Other Non-Electrical Machinery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.001018	--
016	0.006086	--
029	0.000064	0.000063
037	0.000166	--
039	0.001916	--
046	0.000984	--
049	0.011549	0.006101
051	0.001937	0.000683
054	0.000003	0.000009
055	0.202412	0.113394
056	0.007177	0.000214
058	0.018093	0.028092
059	0.000282	--
067	--	0.006593
106	0.008739	--
107	0.006077	--
108	0.013240	--
109	0.085974	--
110	0.005073	--
115	0.006088	--
116	0.025637	--
117	0.000768	--
118	0.020784	--
120	0.503967	
130	0.155149	
140	0.659116	
150	0.002787	
160	0.338097	



Sector:059 - Electrical Machinery.

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.003097	0.002523
016	0.000205	-
028	0.00010	0.000157
029	0.000079	-
037	0.006222	-
038	0.002653	-
039	0.004260	-
042	0.000130	-
046	0.004710	-
049	0.002874	0.021278
050	0.001235	0.024634
051	0.004924	0.000022
054	-	0.005097
055	0.039798	-
056	-	0.053768
058	0.009393	0.030379
059	0.100207	0.251739
067	-	0.033757
106	0.000510	-
107	0.003185	-
108	0.013395	-
109	0.057283	-
110	0.023090	-
113	0.000674	-
114	0.000381	-
115	0.002924	-
116	0.015010	-
117	0.000860	-
118	0.011872	-
120		0., 3SL- II
130		0,439203
140		0,743174
150		0,102343
160		0,149483

Sector:060 - Bicycles

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000015	-
016	0.000073	-
037	0.000612	-
038	0.031491	-
039	0.001667	-
042	0.064764	-
051	0.007465	-
055	0.000092	-
056	0.000153	-
058	0.431928	0.103964
106	0.002008	-
107	0.002776	-
108	0.013344	-
109	0.066576	-
110	0.017252	-
113	0.002712	-
114	0.001534	-
115	0.003954	-
116	0.034768	-
117	0.001113	-
118	0.011317	-
120		0.695614
130		0.103964
140		0.799578
150		0.001538
160		0.198884

Sector:061 - Auto,Assembly and Parts

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000009	-
016	0.000160	-
028	0.000008	-
029	0.000002	-
037	0.000052	0.000020
038	0.000314	-
039	0.001654	-
042	0.010335	0.000448
046	0.000848	0.000307
049	0.000839	-
051	0.001922	-
055	0.000833	-
056	0.001502	-
058	0.022382	0.053818
059	0.097987	0.000311
060	0.090308	-
067	-	0.276034
106	0.001110	-
107	0.000982	-
108	0.016078	-
109	0.045835	-
110	0.041572	-
113	0.002238	-
114	0.001264	-
115	0.000390	-
116	0.020355	-
117	0.001105	-
118	0.018274	-
120		0.376436
130		0.350939
140		0.709385
150		0.058197
160		0.232408

Sector:062 - Ship Building

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000948	-
016	0.000066	-
024	0.000095	-
039	0.000261	-
046	0.000749	0.000161
049	0.000455	0.000607
051	0.000816	-
055	0.001660	-
056	0.063063	0.524379
058	0.000119	-
059	0.001997	-
106	0.015543	-
107	0.003178	-
108	0.013347	-
109	0.066572	-
110	0.017255	-
115	0.000138	-
116	0.024972	-
117	0.000047	-
118	0.004406	-
120	0.215687	
130	0.525147	
140	0.740834	
150	-0.198380	
160	0.457546	

Sector:063 - Cotton Ginning

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
005	0.333118	--
006	0.455300	--
015	0.000044	--
034	0.022056	--
039	0.000194	--
051	0.002478	--
058	0.001778	--
106	0.002357	--
107	0.000639	--
108	0.025540	--
109	0.030032	--
110	0.002267	--
115	0.000687	--
116	0.025603	--
117	0.000102	--
118	0.010189	--
120	0.912384	--
130	--	--
140	0.912384	--
150	--	--
160	0.087616	--

Sector: 064 - Office Equipment

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000568	-
016	0.000781	-
037	-	.003954
038	0.030589	.011459
039	0.003149	-
049	0.036982	.279968
050	0.000331	.008286
051	0.002812	.007434
055	-	.030187
056	-	.051969
058	-	.003078
064	0.007647	.009518
067	-	.097237
106	0.009565	-
107	0.006913	-
108	0.077231	-
109	0.022445	-
110	0.005801	-
115	0.006677	-
116	0.023392	-
117	0.003528	-
118	0.018325	-
120	0.256836	
130	0.503090	
140	0.759926	
150	0.189786	
160	0.050288	

Sector: 065 -- Sports Goods

Sector Code	Indigenous	Imported
015	0.071540	"
016	0.000140	"
038	0.023828	"
040	0.199546	"
049	0.012678	"
051	0.004518	"
067	"	0.213521
106	0.003913	"
107	0.000556	"
108	0.016175	"
109	0.002677	"
110	0.011768	"
116	0.033033	"
117	0.012962	"
118	0.003505	"
120	0.396939	
130	0.213521	
140	0.610360	
150	0.011356	
160	0.376284	

Sector: 043 - Pharmaceutical and Medicine Preparation

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000301	..
016	0.007449	..
039	0.002968	..
051	0.003878	..
056	0.239438	..
106	0.003602	..
107	0.000954	..
108	0.084381	..
109	0.033719	..
110	0.012024	..
115	0.006295	..
116	0.019856	..
117	0.003320	..
118	0.034252	..
120	0.452438	
130	..	
140	0.452438	
150	0.014057	
160	0.533505	



Sector: 067 - Other Manufacturing Industries

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.002514	0.002840
016	0.000545	-
038	0.008602	0.020078
049	0.168195	0.004400
050	0.033863	0.000978
051	0.002930	-
053	-	0.002695
056	0.001965	0.017461
058	-	0.001511
067	-	0.004214
106	0.000293	-
107	0.000425	-
108	0.076876	-
109	0.023326	-
110	0.009403	-
116	0.021592	-
117	0.011112	-
118	0.016664	-
120	0.378356	-
130	0.054177	-
140	0.432533	-
150	0.004615	-
160	0.562852	-

Sector -068 Grain Milling

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
001	0.256815	0.049554
002	0.435987	0.084630
012	0.020074	-
042	0.000205	-
051	0.003994	-
078	0.003585	-
092	0.000410	-
106	0.012444	-
108	0.000148	-
109	0.049800	-
116	0.012837	-
117	0.000068	-
118	0.000136	-
120		0.796503
130		0.134184
140		0.930687
150		-
160		0.069313

Sector 069 - Rice Husking

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
003	0.252950	-
004	0.430824	-
106	0.021841	-
108	0.028128	-
109	0.166780	-
116	0.001323	-
120		0.901746
130		-
140		0.901746
150		-
160		0.098250

Sector 070 - Gur and Khundsary

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
007	0.283957	..
008	0.456821	..
015	0.052370	..
106	0.002127	..
108	0.101136	..
109	0.012621	..
116	0.003918	..
120		0.912950
130		..
140		0.912950
150		..
160		0.087050

Sector 07E - Edible Oils

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
010	0.271575	0.000962
015	0.000833	-
049	0.000025	0.000092
051	0.001407	-
055	0.000005	-
063	0.520128	-
106	0.003978	-
107	0.000361	-
108	0.095368	-
109	0.013311	-
116	0.000915	-
117	0.000057	-
118	0.000095	-
120		0.908058
130		0.001054
140		0.909112
150		-
160		0.990888

Sector 072 - Other Food Industries

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
001	0.011234	-
002	0.036541	-
012	0.009286	0.000146
015	0.015928	-
017	0.001842	-
019	0.043689	-
024	0.017766	0.000436
025	0.000251	-
028	0.000245	-
038	0.000206	0.001055
039	0.000868	-
049	0.000663	0.003698
050	0.000037	-
051	0.008588	-
054	0.000152	-
068	0.066832	-
069	0.132573	-
070	0.001071	-
071	0.018914	-
080	0.000024	-
106	0.004953	-
107	0.001924	-
108	0.171399	-
109	0.057217	-
116	0.000189	-
117	0.000406	-
118	0.000420	-
120		0.603218
130		0.005335
140		0.608553
150		-
160		0.391448

Sector 0738# Beverages

Sector Code	<u>Indigenous</u>	<u>Imported</u>
012	0.000474	---
016	0.046927	---
019	0.035393	---
024	0.007900	---
025	0.001264	0.000474
049	0.041081	0.019434
051	0.013746	---
053	0.007900	---
080	0.005530	---
083	0.001580	---
106	0.079950	---
107	0.001264	---
108	0.171433	---
109	0.057197	---
116	0.061937	---
117	0.001264	---
118	0.001896	---
120		0.536736
130		0.019908
140		0.586544
150		---
160		0.493356

Sector 074 - Tobacco Manufacturing

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
009	0.143168	0.010158
015	0.003460	-
024	0.008341	-
038	0.004683	-
049	0.000383	0.000284
051	0.012975	-
053	0.000420	-
055	0.001248	-
074	0.343437	-
078	0.006966	-
080	0.000074	-
083	0.000507	-
106	0.001236	-
108	0.092838	-
109	0.025604	-
116	0.012048	-
117	0.000988	-
118	0.001483	-
120		0.659862
130		0.010442
140		0.670304
150		-
160		0.329696



<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
024	0.000115	-
027	0.460288	-
029	0.017187	-
049	0.000935	0.001073
051	0.001969	-
068	0.000115	-
075	0.140497	-
078	0.012476	-
080	0.001605	-
083	0.000081	-
090	0.000732	-
106	0.009726	-
107	0.000010	-
108	0.112968	-
109	0.009391	-
116	0.003146	-
117	0.000057	-
118	0.000106	-
120		0.771404
130		0.001073
140		0.772477
150		-
160		0.227523

Sector 076 - Silk and Art Silk Textile

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000610	..
027	0.011541	..
029	0.598825	..
049	0.000022	0.008287
051	0.003316	..
068	0.000041	..
077	0.026326	..
079	0.000013	..
081	0.013674	..
083	0.000075	..
092	0.000613	..
106	0.007267	..
107	0.000009	..
108	0.134600	..
109	0.020497	..
115	0.000031	..
116	0.010299	..
117	0.000119	..
118	0.000150	..
120		0.828028
130		0.002287
140		0.830315
150		-
160		0.169685

Sector 077 - Carpe's

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000256	..
027	0.122976	..
051	0.000693	..
078	0.249431	..
086	0.005218	..
106	0.000876	..
108	0.134605	..
109	0.020496	..
115	0.000730	..
116	0.005486	..
117	0.001095	..
118	0.001857	..
120		0.543699
130		..
140		0.543699
150		..
160		0.546301

Sector 078 - Other Textiles

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.000028	-
027	0.119008	-
029	0.127483	-
030	0.000370	-
038	0.000213	-
049	0.009050	0.000378
051	0.000922	-
053	0.000197	-
072	0.000059	-
075	0.039580	-
078	0.397021	-
083	0.000799	-
084	0.004375	-
085	0.000205	-
087	0.005399	-
089	0.005612	-
090	0.000032	-
092	0.001867	-
106	0.003458	-
107	0.000126	-
108	0.163223	-
109	0.024863	-
115	0.001260	-
116	0.014741	-
117	0.001890	-
118	0.003151	-
120		0.924932
130		0.000378
140		0.925310
150		-
160		0.074690

Sector 079-- Shoe Making

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000641	--
016	0.000342	--
029	0.001337	--
038	0.000652	--
040	0.206124	0.030036
046	0.000739	--
047	0.000138	--
049	0.007033	0.067534
051	0.000551	--
068	0.000007	--
071	0.000087	--
072	0.011906	--
075	0.000010	--
078	0.003831	--
080	0.013796	--
083	0.001661	--
084	0.120398	--
085	0.017700	--
087	0.001293	--
089	0.000251	--
090	0.011334	--
106	0.001338	--
108	0.041967	--
109	0.015264	--
116	0.002528	--
117	0.003642	--
118	0.004756	--
120		0.469387
130		0.097570
140		0.566957
150		--
160		0.433043

Sector 080 - Wood

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.363032	-
038	0.000957	-
040	0.000075	-
046	0.009510	-
049	0.000939	0.010933
051	0.000031	-
053	0.002269	-
055	0.064065	-
063	0.000143	-
078	0.111074	-
083	0.001299	-
087	0.025198	-
092	0.000205	-
093	0.005886	-
106	0.000448	-
107	0.000006	-
115	0.001243	-
116	0.000491	-
117	0.002486	-
118	0.004332	-
120		0.593689
130		0.010933
140		0.604822
150		-
160		0.395378

Sector 081 -Wooden Furniture

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	0.000284	-
015	0.116755	-
027	0.000055	-
029	0.002262	-
033	0.012402	-
046	0.008228	-
049	0.001211	0.015297
051	0.005824	-
053	0.017931	-
063	0.001530	-
078	0.163043	-
080	0.017614	-
087	0.032956	-
088	0.002470	-
089	0.051336	-
090	0.057990	-
093	0.003945	-
106	0.000667	-
116	0.000863	-
120		0.498066
130		0.015297
140		0.513364
150		
160		0.436836

Sector 082 - Steel Furniture

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
046	0.003597	"
051	0.000817	"
087	0.000654	"
089	0.273827	"
090	0.097107	"
093	0.027955	"
106	0.003106	"
108	0.113127	"
109	0.064574	"
116	0.255027	"
120	0.839791	"
130	"	"
140	0.839791	"
150	"	"
160	0.160209	"



Sector 083 - Printing and Publishing

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
038	0.340583	0.021176
049	0.000115	0.000115
069	0.064600	
075	0.000956	
078	0.129850	
080	0.000956	
085	0.000879	
087	0.000306	
090	0.016590	
108	0.173617	
109	0.021635	
116	0.043117	
120		0.793089
130		0.021291
140		0.814389
150		
160		0.105620

Sector 084 - Leather Goods

<u>Sector Code</u>	<u>Indigenous</u>	Imported
015	0.005685	--
032	0.007277	--
038	0.000728	--
040	0.046096	0.289041
051	0.012530	--
055	0.007436	--
075	0.080140	--
078	0.003639	--
086	0.002024	--
087	0.051418	--
090	0.014987	--
106	0.001842	--
108	0.041980	--
109	0.015259	--
115	0.002274	--
116	0.018762	--
117	0.006823	--
118	0.015146	--
120		0.334046
130		0.289041
140		0.623087
150		--
160		0.376913

Sector 085 - Rubber Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.001988	-
049	0.009255	0.068914
051	0.042638	0.000331
071	0.019501	-
075	0.001157	-
078	0.001653	-
080	0.003801	-
084	0.015535	-
085	0.093042	-
087	0.191043	-
088	0.000496	-
089	0.072715	-
106	0.006280	-
108	0.165592	-
109	0.032226	-
116	0.106924	-
120		0.763841
130		0.059245
140		0.833085
150		-
160		0.165915

Sector 086 - Chemicals

Sector Code	Indigenous	<u>Imported</u>
015	0.009709	-
016	0.015461	0.003292
038	0.001208	0.000255
051	0.117673	-
064	0.025315	-
086	0.448579	-
106	0.004544	-
107	0.000931	-
108	0.104638	-
109	0.023796	-
116	0.022765	-
120		0.774519
130		0.003547
140		0.778166
150		-
160		0.221834

Sector 087 - Plastic Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.010452	-
038	0.004616	0.010782
046	0.000024	-
049	0.005849	-
051	0.000098	0.000293
056	0.000989	0.000623
063	0.004933	-
075	0.009366	-
078	0.001697	-
080	0.010978	-
083	0.001270	-
084	0.003358	-
087	0.290408	-
089	0.073900	-
090	0.049478	-
106	0.000391	-
108	0.076952	-
109	0.031882	-
115	0.000915	-
116	0.002210	-
117	0.001221	-
118	0.001526	-
120		0.582514
130		0.011698
140		0.594212
150		-
160		0.405788

Sector 088 - Non-Metallic Mineral Products

<u>Sector Code</u>	<u>Indigenou</u>	<u>Imported</u>
016	0.055069	0.008753
046	0.000066	-
049	0.003442	-
051	0.070365	0.004062
053	0.010529	-
080	0.008350	-
085	0.000341	-
088	0.412899	-
089	0.009499	-
090	0.005856	-
093	0.000051	-
106	0.003102	-
107	0.000425	-
108	0.008933	-
109	0.128362	-
116	0.001872	-
120		0.719161
130		0.012815
140		0.731975
150		-
160		0.268025

Sector 089 - Iron and Steel Remoulding

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	0.006191	-
083	0.000168	-
088	0.000909	-
089	0.153888	-
106	0.003366	-
107	0.017730	-
108	0.116408	-
109	0.108266	-
115	0.000336	-
116	0.048582	-
117	0.000673	-
118	0.001009	-
	STEEL	
120		0.457524
130		-
140		0.457524
150		-
160		0.542476

Sector 090 - Metal Products

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.015413	-
016	0.000249	0.000196
038	0.000613	0.000205
049	0.001848	-
051	0.001365	-
075	0.000050	-
080	0.002846	-
083	0.000507	-
085	0.000426	-
087	0.019075	-
090	0.003111	-
106	0.000790	-
107	0.000103	-
108	0.113174	-
109	0.064616	-
115	0.000311	-
116	0.004853	-
117	0.000311	-
118	0.009435	-
120		0.230096
130		0.000401
140		0.230497
150		-
160		0.769502



Sector 091 - Agricultural Machinery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Importe</u>
015	0.000065	--
016	0.002863	--
046	0.002473	--
049	0.001692	--
051	0.002408	0.019913
055	0.194312	0.043860
080	0.007158	--
083	0.000716	--
088	0.000781	--
090	0.023492	--
106	0.002473	--
107	0.000260	--
108	0.013080	--
109	0.094033	--
115	0.003253	--
116	0.042494	--
117	0.006507	--
118	0.009761	--
120		0.407822
130		0.063773
140		0.471595
150		--
160		0.528405

Sector 092 - Non-Electrical Machinery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.007961	-
016	0.000345	-
038	0.002140	-
051	0.149658	0.055592
055	0.083886	0.046993
083	0.000943	-
090	0.039591	-
092	0.003336	-
106	0.000678	-
108	0.013197	-
109	0.094053	-
115	0.000664	-
116	0.024241	-
117	0.000664	-
118	0.001329	-
120		0.422686
130		0.102585
140		0.525271
150		-
160		0.474729

Sector 093 - Electrical Machinery

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.000834	--
016	0.000268	--
038	0.000030	--
046	0.001102	--
049	0.002323	0.025964
051	0.000328	0.071969
053	0.009528	--
055	0.264560	--
083	0.003424	--
084	0.000566	--
087	0.001399	--
088	0.015424	--
090	0.087720	--
092	0.006729	--
093	0.0046242	--
106	0.005223	--
107	0.000089	--
108	0.013191	--
109	0.094063	--
115	0.002978	--
116	0.036625	--
117	0.005955	--
118	0.008933	--
120		0.608534
130		0.097933
140		0.706467
150		--
160		0.293533

Sector: 043- Pharmaceutical and Medicine Preparation

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
039	0.006048	
051	0.000079	
055	0.109645	
075	0.006159	
078	0.009486	
080	0.370906	
083	0.000828	
084	0.042050	
087	0.001528	
090	0.009454	
106	0.000095	
108	0.027280	
109	0.009661	
115	0.001592	
116	0.008642	
117	0.001592	
118	0.002499	
<b>120</b>		0.607544
130		
140		0.607544
150		
160		0.392456

Sector 095 - Sports Goods

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.157364	0
016	0.001221	-
027	0.007056	-
038	0.001312	-
046	0.004116	-
049	0.013750	-
051	0.005428	-
075	0.026280	-
078	0.000452	-
083	0.000905	-
084	0.288131	-
087	0.015469	-
089	0.000136	-
106	0.001357	-
108	0.076940	-
109	0.031889	-
115	0.000905	-
116	0.005383	-
117	0.000905	-
118	0.002714	-
120		0.641713
130		-
140		0.641713
150		-
160		0.358287

Sector 096 - Surgical Instruments

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
039	0.048841	---
051	0.047361	---
089	0.512087	---
106	0.006413	---
108	0.112975	---
109	0.064627	---
116	0.126295	---
120		0.918599
130		---
140		0.918599
150		---
160		0.081401

Sector 097 - Other Manufacturing Industries

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	0.024283	..
015	0.016117	..
016	0.002262	..
019	0.000356	..
027	0.003356	..
029	0.000869	..
038	0.016948	0.039557
040	0.000802	..
046	0.000239	..
049	0.011552	0.000302
051	0.008198	..
053	0.122443	..
055	0.312814	..
063	0.001189	..
068	0.000261	..
078	0.003752	..
083	0.003604	..
088	0.000126	..
090	0.001748	..
106	0.000524	..
108	0.050668	..
109	0.018668	..
115	0.002252	..
116	0.002541	..
117	0.003486	..
118	0.005234	..
120		0.614292
30		0.039859
140		0.654151
150		..
160		0.345849

Sector: 098 - Low Cost Residential Buildings

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.045283	
016	0.066035	
052	0.181744	
053	0.001718	
055	0.016808	0.041992
088	0.188592	
116	0.001370	
117	0.007934	
118	0.011901	
120		0.521385
130		0.041992
140		0.563377
150		
160		0.435623



Sector: 099 - Luxurious Residential Buildings

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.052019	-
016	0.051602	-
046	0.009589	-
052	0.213853	-
053	0.001921	-
055	0.050286	0.127587
088	0.024676	-
116	0.001369	-
117	0.026961	-
118	0.040447	-
120		0.472723
130		0.127587
140		0.600310
160		0.399690

Sector: 100 - Rural Buildings

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.100000	
016	0.150000	
052	0.050000	
088	0.150000	
116	0.001370	
117	0.019452	
118	0.029178	
120		0.500000
130		-
140		0.500000
150		-
160		0.500000

Sector: 101 - Factory Buildings

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.054531	-
016	0.039741	-
046	0.012655	-
052	0.218146	-
053	0.004065	-
055	0.058893	0.159783
088	0.022840	-
116	0.001370	-
117	0.009742	-
118	0.014613	-
120		0.435595
130		0.159783
140		0.596378
150		-
160		0.403622

Sector: 102 - Public Buildings

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
015	0.030994	--
016	0.032989	--
052	0.108008	--
055	--	0.176827
088	0.135170	--
116	0.001369	--
117	0.022002	--
118	0.006792	--
120	--	0.397324
130	--	0.176827
140	--	0.574151
150	--	--
160	--	0.425849

Sector: 103 - Roads

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.081131	-
052	0.046864	-
054	-	0.191666
088	0.124085	-
116	0.001361	-
120		0.253441
130		0.191666
140		0.445107
150		-
160		0.554893

Sector: 104 - Infrastructures

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.038213	-
037	0.003448	-
052	0.188690	-
055	-	0.057364
056	0.003984	-
058	-	0.002540
059	0.062478	0.097007
088	0.007898	-
116	0.002246	-
117	0.058262	-
118	0.061335	-
120	-	0.426554
130	-	0.156911
140	-	0.583465
150	-	-
160	-	0.416534

Sector: 105 - Ownership of Dwellings

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
046	0.024481	-
098	0.027081	-
099	0.009042	-
100	0.038311	-
116	0.001370	-
<b>120</b>		0.100285
130		
140		0.100285
150		-
<b>160</b>		0.899715

Sector: 106 - Electricity

<u>Sector Code</u>	<u>Indigenous</u>	Imported
051	0.175077	..
107	0.052194	..
116	0.005670	..
120		
130		
140		
150		
160		
	0.232941	
	0.232941	
	2.767059	



Sector: 107 - Gas

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.147596	..
051	0.012608	..
056	0.008272	..
107	0.005237	..
109	0.003325	..
116	0.004463	..
118	0.002636	..
120		0.184137
130		-
140		0.184137
150		-
160		0.815863

Sector: 108 - Wholesale and Retail Trade

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
038	0.000287	..
039	0.000257	..
106	0.001296	..
107	0.001156	..
109	0.013958	..
110	0.005627	..
115	0.001850	..
116	0.018617	..
117	0.002775	..
118	0.009246	..
120		0.055069
130		-
140		0.055069
150		..
160		0.944931

Sector: 109 - Road Transportation

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	0.027904	-
015	0.003330	-
042	0.037270	0.023134
051	0.050666	0.320158
055	0.000090	-
061	-	0.075348
116	0.000895	-
117	0.050754	-
118	0.076132	-
120		0.247231
130		0.418639
140		0.665870
150		0.018436
160		0.315694

Sector: 110 - Rail Transportation

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
016	0.046650	-
051	0.166983	-
055	0.192422	0.035985
116	0.000785	-
117	0.002459	-
118	0.000389	-
120		0.412988
130		0.035985
140		0.048973
150		-
160		0.551027

Sector: 111 - Air Travel

<u>Sector Code</u>	<u>Indigenous</u>	Imported
051	0.212093	"
058	"	0.105055
116	0.000786	"
117	0.096101	"
118	0.144151	"
120		0.453131
130		0.105054
140		0.558185
150		0.032651
160		0.409164

Sector: 112 - Water Transportation

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
062	0.144158	-
116	0.000786	-
117	0.014101	-
118	0.021153	-
120		0.180198
130		-
140		0.180198
150		-
160		0.819802

Sector: 113 - Television

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
051	0.041083	-
058	-	0.029054
059	0.102930	-
064	0.080316	-
067	-	0.093270
101	0.046993	-
106	0.017087	-
109	0.021368	-
110	0.005540	-
116	0.000851	-
118	0.026069	-
120	-	0.342237
130	-	0.122324
140	-	0.464561
150	-	-
160	-	0.535439

Sector: 114 - Radio

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
028	0.004560	-
039	0.014330	-
051	0.017307	-
059	-	0.012356
061	0.011374	0.017066
064	0.000591	-
101	0.004590	-
106	0.041979	-
109	0.024282	-
110	0.006293	-
115	0.045677	-
116	0.002395	-
117	0.001814	-
118	0.028490	-
120		0.203682
130		0.029422
140		0.233104
150		-
160		0.766896



Sector: 115 - Telephone, Telegraph and  
Postal Services/

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
039	0.034274	-
059	0.043204	-
101	0.010126	-
106	0.004878	-
109	0.001573	-
110	0.006115	-
111	0.026395	-
112	0.002699	-
115	0.014505	-
116	0.000939	-
117	0.021758	-
118	0.028072	-
120		0.194538
130		-
140		0.194538
150		-
160		0.985462

Sector: 116 - Banking and Insurance

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
039	0.021206	-
051	0.031339	-
056	0.012805	-
059	-	0.008100
061	0.003888	0.009072
064	0.004860	-
101	0.006480	-
106	0.014915	-
107	0.017624	-
109	0.014846	-
110	0.005985	-
113	0.001195	-
114	0.000209	-
115	0.018347	-
116	0.022126	-
117	0.035247	-
118	0.043324	-
120		0.254296
130		0.017172
140		0.271458
150		-
160		0.758532

Sector: 117.01 Government

<u>Sector Code</u>	<u>Indigenous</u>	<u>Imported</u>
012	0.009934	-
028	0.033115	-
034	0.023181	-
039	0.005863	-
049	0.001248	-
051	0.009090	-
056	0.001045	-
058	0.002160	0.003240
059	0.000815	0.001909
061	0.000834	0.003336
064	0.000238	0.000715
106	0.000708	-
107	0.000451	-
109	0.006525	-
110	0.005906	-
113	0.000431	-
114	0.000090	-
115	0.003815	-
116	0.006720	-
117	0.141315	-
118	0.202409	-
120		0.456595
130		0.009200
140		0.465795
150		-
160		0.334205

Sector: 118 - Services n.e.s.

<u>Sector Code</u>	<u>Domestic</u>	<u>Imported</u>
038	0.001832	0.001306
039	0.002668	-
049	0.000375	-
056	0.000060	-
058	0.000655	0.000219
064	0.000310	0.000103
106	0.002253	-
109	0.011566	-
110	0.007576	-
115	0.002652	-
116	0.004020	-
117	0.004924	-
118	0.001358	-
120		0.040249
130		0.001628
140		0.041877
150		-
160		0.956123

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