

INPUT-OUTPUT TABLE

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समस्त अधिकार आरक्षित । इस प्रकाशन का कोई भी भाग महानिदेशक, केन्द्रीय सांख्यिकी कार्यालय से पूर्व लिखित अनुमति बिना छापा प्रतिलिप्यांकन, अभिलेखन या सूचना भंडारण तथा पुनः स्थापना पद्धति सहित इलेक्ट्रॉनिक अथवा यंत्रकीय विधि द्वारा किसी भी रूप या प्रकार में विक्रयार्थ पुनःप्रकाशित नहीं किया जा सकता है ।

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FOREWORD

The Central Statistics Office (CSO) compiles and publishes the Input-Output Table (IOT) of the Indian economy once in five years. The previous IOT for the reference year 2003-04 was published by CSO in 2008. Prior to that, IOTs for the reference years 1968-69, 1973-74, 1978-79, 1983-84, 1993-94 and 1998-99 were brought out by the CSO. This publication presents the IOT of the Indian Economy for the year 2007-08. It includes the complete table, the details of methodology adopted, the database used and a brief analysis of the results. The supplementary tables derived from the IOT like the input structure and commodity composition of output, have also been included in this publication.

The CSO has been preparing the IOTs for the Indian economy every five years following the same methodology, so that comparable information system may develop over the years for studying the input structures and final demand pattern. The methodology followed for construction of the present IOT conforms, as in the past, to the basic principles enunciated in the System of National Accounts. The detailed matrices presented in this publication are at 130 X 130 sector classification.

I would like to place on record my deep appreciation of the dedicated efforts and hard work put in by Dr. Shailja Sharma, DDG, NAD, Shri B R Sharma, Deputy Director, NAD, Ms Tulika Sondhi, Ms. Renu Mishra and Mr. Dhruv Raj Yadav, Statistical Officers in NAD under the guidance and supervision of Shri Ashish Kumar, Additional Director General, NAD and Dr. N. Egambaram, DDG, NAD in compilation of the IO Table and bringing out this publication ahead of the usual time of about six years. I would also thank Shri A C Sharma, consultant engaged for this compilation and former DDG, NAD for all guidance provided by him in timely preparation of this publication as well as providing quality and consistency checks to the various matrices included in the publication. The publication would not have been complete but for the most valuable suggestions and comments rendered by Dr. A. C. Kulshreshtha former ADG, NAD & faculty Statistical Institute of Asia and Pacific (SIAP) and Shri Ramesh Kolli former ADG, NAD in improving its excellence.

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CHAPTER 1

INTRODUCTION

Brief Background

1.1 The first Input Output Table consistent with National Accounts Statistics related to the year 1968-69. Subsequent to its completion Input Output Tables (IOT) for the year 1973-74, 1978-79, 1983-84, 1989-90, 1993-94, 1998-99 and 2003-04 were published. The present publication pertains to the year 2007-08. IOT for the year 1968-69 was published with 60 sectors and subsequently the tables consisted of 115 sectors since 1973-74 till 1998-99. The IOTs for 2003-04 and the current one (2007-08) contain 130 sectors.

Structure of the Report

1.2 Chapter 1 describes the basic approach adopted in the compilation of IOT and other important issues like the scheme of sectoral classification, valuation of transactions and overall balancing between total Gross Domestic Product (GDP) and the final expenditures. Chapter 2 gives the method of estimation of inputs and outputs for various sectors of the economy and the underlying assumptions in case of non-availability of information in the required forms, particularly in the case of unspecified inputs and outputs and their allocation to different sectors. This Chapter also deals with the method adopted for the generation of various components of final demand and indirect taxes. In Chapter 3, an analysis of the IOT 2007-08 has been included along with a comparative picture from the results of earlier IOTs.

1.3 Appendix 1 of the Report describes the details of the procedures followed in the preparation of the input flow (*commodity x industry*) matrix and the output (*industry x commodity*) matrix. The method of generation of input flow matrix at factor cost from the one at purchasers' price has also been detailed in this Appendix. Appendix 2 presents, in brief, the theoretical background for the construction of four quadrants of the pure *commodity x commodity* and *industry x industry* tables, under different technology assumptions. The specifications of the scheme of detailed sectoral classification (130 sectors), adopted in the IOT 2007-08, are given in Appendix 3. Appendix 4 gives the aggregated 60 sector classification and the linkages of the detailed 130 with aggregated 60 sector classification adopted in the earlier IOT for the benefit of users for comparative studies with the earlier IOTs whereas Appendix 5 gives similar linkages between 115 and 130 sector.

1.4 Detailed 130 sector absorption (*commodity x industry*) matrix for the Indian economy for the year 2007-08, the accompanying make (*industry x commodity*) matrix and other associated/subsidiary matrices are included in this Report as Matrices 1 to 5. The 130 sector *commodity x commodity* table under *industry technology* assumption, and the Leontief Inverse Matrix are included as Matrices 6 and 7 respectively. The matrices included in the report are the following:

Matrix-1: Input Flow (or Absorption) Matrix as the *commodity x industry* matrix;

Matrix-2: Output (or Make) Matrix as the *industry x commodity* matrix;

Matrix-3: Input-Output Coefficient Matrix;

Matrix-4: *Product Mix* Matrix;

Matrix-5: *Market Share Matrix*;

Matrix-6: *Commodity x Commodity Matrix* under the *industry technology* assumption;

Matrix-7: *Leontief Inverse Matrix* for commodities;

1.5 The input-output table gives the inter-industry transactions in value terms at factor cost presented in the form of *commodity x industry* matrix where the columns represent the industries and the rows as group of commodities, which are the principal products of the corresponding industries. Each row of the matrix shows in the relevant columns, the deliveries of the total output of the commodities to the different industries for intermediate consumption and final use. The industry columns give the commodity inputs of raw-materials and services, which are used to produce outputs of particular industries. The column entries at the bottom of the table give net indirect taxes (NIT) (indirect taxes – subsidies) on the inputs and the primary inputs (income from use of labour and capital), i.e., Gross Value Added (GVA).

1.6 As the IO is in the form of *commodity x industry* matrix, the row totals do not tally with the column totals. The difference between each column and the corresponding row totals is due to the inclusion of the secondary products, which appear particularly in the case of manufacturing industries. This is so because by-products are also manufactured by industries in addition to their main products. Thus, while determining the entries in the rows, a by-product of an industry is transferred to the sector (commodity row), whose principal product is the same as the by-product under reference. The columns, however, show the total of principal products and by-products of each industry.

Sector Classification Adopted

1.7 The scheme of sector classification adopted in the previous five Tables viz., IOT 1978-79, IOT 1983-84, IOT 1989-90, IOT 1993-94, IOT 1998-99 and IOT 2003-04, has been almost the same with marginal difference in the sector classification. The changes made in the sector classification of IOT 1978-79 from that of previous IO Tables were that the communication and electronic equipment were made separate sectors and that the manufacture of air-craft was merged with the miscellaneous manufacturing activity. This was done primarily because the contribution of electronic goods industry had become significant and that of manufacture of air-craft was small. Due to these changes in the ordering of the sectors of the IOT 1978-79 onwards up to 1998-99 and again for the subsequent changes in the IOT 2007-08, users should take due care while comparing the results of the respective IO Tables.

1.8 The Scheme of sector classification adopted in the present Table is the same as the last IO Table for the year 2003-04. The details of Sector Classification (130) are given in Appendix-3.

1.9 The first 37 sectors in the sector classification (Appendix 3) represent primary production, the next 68 sectors relate to manufacturing industries and the remaining 25 sectors deal with the tertiary activities. In the primary production, 20 categories belong to agriculture, 4 to animal husbandry and 1 each to forestry and fishing and the remaining 11 to mining. Tertiary activities include services like construction, electricity, water supply, railway transport, 'land transport including via pipelines', 'water transport', 'air transport', 'supporting and auxiliary transport activities', storage and warehousing, communication, trade, hotels & restaurants, banking, insurance, ownership of dwellings, education, medical and health,

'business services', 'computer related services', 'legal services', 'real estate service activities', 'renting of machinery & equipment' ' other community, social & personal services' and 'other services'. Being a non market producing sector, public administration and defence has neither any intermediate flows nor input, but appears as a sector in gross domestic product of the economy, its contribution being in the form of compensation of employees. This sector is included to take complete account of total gross value added (GVA) by all sectors of the economy. The final uses have been distinguished under six categories (i) Private Final Consumption Expenditure (PFCE), (ii) Government Final Consumption Expenditure (GFCE), (iii) Gross Fixed Capital Formation (GFCF), (iv) Change in Stocks (CIS), (v) Exports of goods and services (EXP) and (vi) Imports of goods and services (IMP).

Valuation of Transactions

1.10 All the entries in the IOT are at factor cost, i.e. excluding trade and transport charges and NIT. The IOT, to begin with, is prepared at original purchasers' prices, i.e. at the price at which actual transactions take place. The entries at factor cost are arrived thereafter by removing the components of trade and transport margins and net indirect taxes. These have been shown in separate rows in the table. The row of net indirect taxes thus depicts the taxes paid by the industries on intermediate inputs used in the process of production of industry's output.

Secondary Products

1.11 Manufacturing industries often produce secondary products either as joint products or as by-products apart from the primary products. For preparing the *industry x industry* and *commodity x commodity* matrices, the secondary products are transferred to the industries where they are principally produced following the procedures recommended in the UN System of National Accounts (SNA).

Overall Balancing between total Product and Expenditure

1.12 The estimates of GDP and expenditure used for the present IOT i.e. 2007-08 are taken from the NAS, 2011. In the NAS, aggregates according to production and expenditure approaches obtained independently do not balance and the discrepancies are shown separately in the individual accounts of the Consolidated Accounts of the Nation. For a balanced IOT, however, it is essential that adjustments are made for these discrepancies before the overall balancing of row and column totals is undertaken. The overall discrepancy has been absorbed in various categories of final demand (on the basis of the discrepancies in each of the aggregates) during the course of manual balancing of supply and disposition of each of the sectors. As a result, the totals of categories of final use presented in the table are marginally different from the corresponding estimates in the Consolidated Accounts of the Nation presented in the NAS.

CHAPTER 2

METHOD OF ESTIMATION AND SOURCES OF DATA

Inputs and Outputs of Sectors

2.1 Input structure in respect of primary and tertiary sectors together with commodity-wise details of final demand vectors and indirect taxes have been compiled from the data used for preparation of national income and related aggregates released annually by the CSO through NAS. Sector wise details are given below.

Agriculture (Sectors: 1 to 20)

2.2 The first 20 sectors of the IOT, namely, (1) paddy, (2) wheat, (3) jowar, (4) bajra, (5) maize, (6) pulses, (7) gram, (8) sugarcane, (9) groundnut, (10) coconut, (11) other oilseeds (12) jute, (13) cotton, (14) tea, (15) coffee, (16) rubber, (17) tobacco, (18) fruits, (19) vegetables and (20) other crops, cover the agriculture sector. The input structures for these sectors have been prepared separately for each of the 20 sectors.

2.3 The main sources of data utilised for estimation of various inputs going into production of various crops are the Cost of Cultivation Studies (CCS) published by the Directorate of Economics and Statistics, Ministry of Agriculture (DESA) having reference year 2007-08. For the crops for which the data on inputs are not available from the CCS, 2007-08, results of CCS from a year close to 2007-08 have been made use of.

2.4 The information on cost of plantation crops, viz., tea, coffee, rubber, tobacco and coconut was obtained from the Tea Board, Coffee Board, Rubber Board, Directorate of Tobacco Development and Coconut Development Board, respectively for the year 2007-08. These inputs relate to cost of materials required towards cultivation cost, such as, general fieldwork, manuring, spraying, plucking and tapping.

2.5 The data available from the above sources has been used for estimating the cost of production on crops mentioned above. Since data available from these sources are in value terms and sometimes refer to different years, necessary adjustments are made for the price changes in those cases where the data related to the years other than 2007-08. However, no allowances are made for changes in the rates of inputs and it is assumed that these rates are valid for the year 2007-08 also.

2.6 The inputs going into production of agricultural commodities are (i) seed, (ii) chemical fertilisers, (iii) organic manure, (iv) pesticides and insecticides, (v) irrigation charges, (vi) electricity, (vii) diesel oil, (viii) bullock labour, (ix) current repairs and maintenance of fixed assets and other operational costs, (x) market charges and (xi) financial intermediation services indirectly measured (FISIM).

2.7The value of seed in respect of individual crops is estimated on the basis of seed rates available from the various CCS as well as from the State Agriculture Departments. The seed rates are the same as those utilised in the estimation of GDP.

2.8The consumption of fertilisers for each of the crops (other than tea, coffee and rubber for which actual consumption estimates are available from the respective Boards) is estimated on the basis of information relating to crop-wise per hectare consumption of fertiliser available from the CCS Reports and the corresponding area under the crops. The fertiliser consumption in the case of 'other crops' is estimated on the basis of per hectare weighted average value of fertiliser consumption of all the principal crops and the area under 'other crops'. The total value of fertilisers thus estimated differs from the total off-take of fertilisers available from "Fertiliser Statistics" published by the Fertiliser Association of India and used in estimation of GDP. Thus, the crop-wise estimates of fertiliser consumption are adjusted by using the control total of fertiliser off take.

2.9The consumption of dung (organic) manure, pesticides and insecticides for each of the crops (other than tea, coffee and rubber) is estimated on the basis of information relating to crop-wise per hectare consumption of manure and pesticides available in the reports of the CCS and the area under each crop. In the case of 'other crops', the respective consumption of manure and pesticides is estimated on the basis of per hectare weighted average value of the manure and pesticides consumption of all the principal crops and the area under 'other crops'. These crop-wise estimates are adjusted so as to correspond to the GDP estimates published in the NAS. Pesticides data are available from Pesticide Association of India.

2.10The irrigation charges are payable to the government in lieu of water supplied to producers from government owned canals. These data are collected from the State Directorates of Economics and Statistics (DESS), State Irrigation departments and budget documents of the state governments. The items on which the information is collected are sale of water for irrigation purposes, irrigation cess, local cess, etc. Allocation of charges to individual crops (excluding plantation crops) is done on the basis of data available from the CCS and the area under each crop. In the case of 'other crops', irrigation charges are estimated on the basis of per hectare weighted average value of irrigation charges of all the principal crops and the area under 'other crops'. The irrigation charges paid for agricultural activity are taken as self input and clubbed with the value of seed. As the government irrigation system is considered as service output of agricultural sector, the material input costs of government irrigation are also to be taken as inputs of the sector. The total material cost of government irrigation is arrived at from the budget documents of centre, state and local bodies. These items are (i) travel expenses, (ii) advertisement/publicity, (iii) electricity, (iv) publication, (v) postage and stamps, (vi) paper and stationery, (vii) repair of furniture, typewriters etc., (viii) maintenance of staff car and petrol charges, and (ix) repairs and maintenance. These material costs are allocated to each crop (excluding plantation crops) and 'other crops' in proportion to crop-wise area under canal irrigation.

2.11Information on electricity consumption is not explicitly available from the CCS. Data on electricity utilised for agricultural purposes is obtained from the Central Electricity

Authority and is distributed to various crops in proportion to crop-wise area irrigated by tube wells and pump sets.

2.12 Information on diesel oil consumption is also not explicitly available in the CCS. The total consumption of diesel oil in agriculture is estimated on the basis of number of tractors and diesel engines used in agriculture and per unit consumption of diesel oil. The data on the number of tractors are obtained from the respective state DES and the number of diesel engines, estimated from the livestock census. The value of diesel oil consumption by tractors is distributed among the various crops in proportion to the area under each crop (excluding area under plantation crops & orchards) and that of diesel oil consumed by oil engines on the basis of crop area irrigated by all the sources except tube wells and canals.

2.13 The cost of bullock labour for the crops (excluding plantation crops) is estimated on the basis of data available from the CCS relating to crop-wise per hectare cost of bullock labour and the area under each crop. In case of 'other crops' the value is estimated on the basis of per hectare weighted average value of bullock labour of all the principal crops and the area under 'other crops'. This Bullock labour is in fact animal services produced in the animal husbandry sector for the use of agriculture and are taken as purchases from the animal husbandry sector.

2.14 Information on repair and maintenance is not available in the CCS. The estimates of total repairs and maintenance for all types of farm implements and machinery, farm houses, grain golas, plantations and orchards, reclamation of land, bunding and other land improvements are prepared on the basis of data contained in All India Debt and Investment Survey (AIDIS), NSS 59th round, January – December 2003. Allocation of repairs and maintenance of fixed capital for various categories of assets for different crops is made in proportion to the fixed capital estimated on the basis of the CCS and is adjusted so as to correspond to the estimates for the agricultural sector as a whole.

2.15 In the disaggregated statement on value added from agriculture and allied activities published in the NAS, the item "market charges" is included as an input item. This item relates to transport charges for carrying the agricultural products from the farmer's field to the nearest market and the charges paid by the farmers to the primary marketing centres. In relation to these agricultural sectors, it may be mentioned that the manufacturing activities of rice milling, flour milling, dal milling and other grain milling are clubbed with the respective sectors of paddy, wheat, pulses and other crops. This has been done, as the final uses are not available separately for these items.

2.16 FISIM has been allocated to the respective sectors and are treated as an input item.

Animal Husbandry (Sectors 21-24)

2.17 Animal husbandry activity is divided into four sectors namely (i) milk and milk products, (ii) animal services to agriculture consisting of services rendered by draught animals for different agricultural operations, (iii) poultry & eggs and (iv) other livestock products comprising of various edible and non-edible livestock products other than milk and milk products and poultry & eggs. The services rendered by animals for carrying goods

and passenger traffic (unorganised transport) are considered as a part of transport sector and not of the animal husbandry sector.

2.18 The inputs of animal husbandry sector consist of livestock feed cost, expenditure on repairs and maintenance and operational cost. Livestock feed comprises of (i) roughages, which include cane-trash, grass, fodder, stalks and straws etc., (ii) concentrates, which are oil cakes, crushed pulses, grains, gram, rice bran, husk, oilseeds, gur etc. and (iii) salt, medicines and other miscellaneous feed. The feed of livestock has been estimated using the data on feed as available in the Cost of Cultivation Studies. The Ratios of 2003-04 have been used to distribute this Feed crop-wise. The estimates of the feed of livestock as available from the CCS have also been corroborated by the studies undertaken on feed of livestock by the State DESs of Maharashtra and Himachal Pradesh.

2.19 Category-wise animal population is estimated by using the respective growth of animals observed between 2003 and 2007 Livestock Censuses. The norms of cost of feed per type of animal based on the latest study are used to arrive at the total cost of feed for these categories of animals. The total urban working population of cattle and buffaloes and the entire population of horses, ponies, donkeys, mules and camels are treated as animals not used for agricultural purposes.

2.20 The total feed is allocated to commodity wise and to various categories of animals under the four sectors of animal husbandry and transport service animals on the basis of norms used in 1998-99. The quantity of feed for transport animals i.e. horses and ponies, donkeys and mules, urban camels, urban bullock cow and urban buffalo bullock are thus obtained. Similarly the quantity of feed for agricultural service animals, i.e. rural bullock cow, rural buffalo bullock and rural camel is also estimated. Quantity of feed for milch cow, milch buffalo and milch goat is assumed as the input of the sector "milk and milk products", the feed for agricultural service animals is assumed as input for the sector "agricultural animal services" the feed for the poultry is taken as the input structure for the sector "poultry & eggs" and the feed for the rest of the animals taken together is taken as the input of the sector "other livestock products".

2.21 As mentioned earlier, the inputs of animal husbandry consist of feed, repairs and maintenance and operational cost. The cost of repairs and maintenance of cattle sheds and meat stalls is estimated using the results of All India Debt and Investment Survey (AIDIS), NSS 59th round, January – December 2003 and credited to construction sector. Operational cost of removing hides, skins, hair and wool consists of repair and maintenance of implements used and also the cost of labour. Since no information is available on the operational costs relating to livestock products, it is assumed that twenty five per cent of it is firewood and thus credited to sector 25, ten per cent repairs and maintenance of implements used to be credited to sector 83, and the rest of it i.e. sixty five per cent of the operational cost is on labour which is produced and consumed by the three sectors 'milk and milk products', 'poultry & eggs' and 'other livestock products'. Gross value of output from livestock products is estimated from 8 broad groups, viz. (i) milk and milk products (ii) meat and meat products, (iii) hides and skins, (iv) eggs & poultry meat, (v) wool and hair, (vi) dung, (vii) increment in livestock and (viii) other products. The output thus

worked out at market prices is then converted at producers' prices by deducting the market charges.

2.22. The gas sector covered the activity of gas produced and supplied. The major source of data is Khadi & Villages Industries Commission (KVIC) in the case of gobar gas and Min. of Non Conventional Energy Sources for biogas. The data on production of gobar gas (methane) and manure in quantity and value terms along-with the number of gobar gas plants and the repair and maintenance of these plants are obtained from the KVIC. The input gobar and output manure are assumed to be of equal value due to the non-availability of details on their valuation. Thus, the inputs entering in the cost structure of gas sector are gobar and repairs and maintenance of the gobar gas plants.

Forestry and Logging (Sector 25)

2.23The economic activities covered under this sector are (i) forestry (planting & conservation of forests, gathering of uncultivated forest products such as resins, lac etc; and charcoal burning carried out in the forests and the like) and (ii) logging (felling and rough cutting of trees, rough shaping of poles etc.) and transportation of logs unto the permanent lines of transport. The forest products are classified into two broad groups, (a) major products and (b) minor products. Major products include industrial wood (timber, roundwood, match and pulpwood) and fuel wood (fuel wood and charcoal wood) whereas minor products comprise a large number of items such as bamboo, sandal wood, charcoal, lac, resins, honey, gum, tendu leaves, etc.

2.24For major products excluding fuel wood, annual data on out-turn and wholesale prices for the year 2007-08 at assembling centres are obtained from the Chief Conservator of Forests or through the DES in the states. For estimating the value of output of major products, the production is evaluated at producers' prices at state level. For the estimates of fuel wood, the production data is estimated on the basis of consumer expenditure surveys of NSSO and prices for the year 2007-08, as supplied by state DES.

2.25For minor products, out-turn and price data for each type of products are not available for all states. For such states, where detailed statistics are not available, information on royalty value or contract fee released by the government is available. The value of output in such cases is worked out indirectly from the royalty value using appropriate proportions decided in consultation with the Chief Conservator of Forests/DES.

2.26The inputs under this activity refer to operational costs and expenditure on repairs and maintenance of roads, transport equipment and other assets. On the basis of data on revenue and expenditure of the State Forest Departments, the value of inputs has been taken to be 15.6 per cent of total value of output. This sector consists of three parts (i) State Forest Departments appearing in the demands for grants of centre and state government budgets, (ii) state government forest corporations of various states and (iii) the work done by the contractors (private part). Information on purchase of commodities and services for government forests has been culled out from the budget documents of central and state governments. The total cost has been split up into items of raw material and services used on the basis of proportions obtained from the analysis of budget documents of the central

and state governments. The commodity-wise details of items such as 'materials and supplies' and 'office expenditure' which appear in the 'Demands for Grants' of budget documents were obtained through correspondence from the State Forest Departments. Similarly, information on item-wise inputs of forest corporations of various state governments has been culled out from their annual reports. However, for the remaining third part, the item-wise inputs are estimated according to the nature of work done by the contractors.

The production of firewood is estimated indirectly from the consumption side. The data on consumption of firewood is available from the five yearly consumer expenditure surveys of NSSO. The results available from the NSS 61st round (2004-05) on consumer expenditure, have been used. The data on output of Industrial wood has been provided by the state forests departments and for trees outside forest (TOF) by Forest Survey of India.

Fishing (Sector 26)

2.27 The activities included in this sector are commercial fishing in (i) ocean, coastal and off-shore water, (ii) inland water which includes catching, tackling and gathering of fish from rivers, irrigation and other canals, lakes, tanks etc., subsistence fishing and exploitation of uncultivated plants life in inland water and artificial ponds. Fish curing viz., salting and sun drying of fish is also taken as an activity falling within the sector.

2.28 The total input of fishing activity in the form of operational costs and expenditure on repairs and maintenance is obtained using the same norms as adopted in the estimation of gross value added from this sector. The total input in fish curing activity viz., value of salt used has been estimated on the basis of data on value of salt used for fish curing received directly from the State Fisheries Department of the maritime states.

2.29 The total input of fishing activity is divided into two parts namely; using (i) mechanised boats and (ii) non-mechanised boats. On the basis of the data available in (i) "All India Livestock Census, 2007", the total repair and maintenance of the boats is estimated. The item-wise operational costs other than the repair and maintenance of boats have been worked out on the basis of data received from State Fisheries Departments of Karnataka & Tamil Nadu relating to the year 2003-04. The total input cost for mechanised and non-mechanised boats has been split up into various items.

Mining and Quarrying (Sectors 27 to 37)

2.30 Mining and quarrying activity is dealt separately under four groups, viz., (i) coal and lignite, (ii) petroleum and natural gas, (iii) metallic minerals and (iv) non-metallic minerals. These have further been disaggregated into eleven sectors namely, (i) coal and lignite, (ii) natural gas, (iii) crude petroleum, (iv) iron ore, (v) manganese ore, (vi) bauxite, (vii) copper ore, (viii) other metallic minerals, (ix) lime stone, (x) mica and (xi) other non-metallic minerals.

2.31 The input norms for coal, lignite, crude petroleum, natural gas are based on data obtained from the Coal Controller, Neyveli Lignite Corporation Ltd., Oil & Natural Gas Commission and Oil India Ltd. Data on metallic and non-metallic minerals to the extent of

iron ore, bauxite, manganese, other metallic minerals and non-metallic minerals (excluding minor minerals) are obtained through correspondence from the respective producing mines and Indian Bureau of Mines (IBM). The data for minor minerals are taken from State directorate of Geology and Mines. The items "other inputs" and "raw materials" appearing in the data have been broken up into various commodities on the basis of the expenditure details culled out from the annual reports of Non-Departmental Commercial Undertakings, such as, Kudremukh Iron Ore Corporation, Manganese Ore India Ltd., Haryana Minerals, Maharashtra State Mining Corpn, Tamil Nadu Magnesite Corpn, Rajasthan State Mining Corpn, Bharath Gold Mines, Hutty Gold Mines, Coal India Ltd, Neyveli Lignite Corporation Ltd., and Oil India Ltd. The input-structure of other non-metallic minerals is obtained by combining those of the non-metallic minerals and minor minerals.

Manufacturing (Sectors 38 to 105)

2.32 Manufacturing sector, comprising of 38 to 105 sectors of the IOTT, is prepared separately for registered and unregistered manufacturing respectively. Data for registered manufacturing for the year 2007-08 have been obtained from Annual Survey of Industries (ASI), whereas the data for unregistered manufacturing have been taken from survey conducted by NSSO for the year 2005-06 in its 62nd Round with proper price adjustments.

2.33 Registered Manufacturing: The source of data for the output and inputs of registered manufacturing sector is the ASI. The Data of ASI used for the IOT are Block H (Pt I Schedule) (inputs), Block J (outputs) and Block I (for import inputs), F (for other inputs) & G (other outputs). Estimated input and output available at 4-digit/5-digit level of National Industrial Classification (NIC), 2004, have been concorded with industry codes using NIC - IOT concordance and with commodity codes using ASICC-IOT concordance codes. The input flows for registered manufacturing have been arrived at by combining the individual flows of data from Block H, I and F whereas the output flows have been arrived from Block J & G. Value of items appearing in the data as "other products" and "addition to stock of semi-finished products" are clubbed with principal product of the industry. Also items like (i) other basic materials, (ii) other chemicals and auxiliary materials, (iii) other packing materials, (iv) consumable stores and (v) building material are distributed to the relevant sectors in proportion to their existing values. In addition to these items, some more items do appear, viz. (i) electricity produced and sold, (ii) sale value of goods sold in the same condition as purchased, (iii) work done for others (iv) own construction (v) materials consumed for repairs and maintenance of machinery, building & others (vi) contract and commission works done by others on materials supplied, (vii) purchase value of goods sold in the same condition as purchased (viii) printing and stationery (ix) rates & taxes excluding income-tax, (x) insurance charges (xi) bank charges (xii) inward freight and transport charges (xiii) postage, and telephone telex charges and (xiv) miscellaneous charges. While the items (i), (iii), (iv) and the difference of (ii) and (vii) (taken as trade output) relate to output, remaining items are inputs. Item (iii) & (vi) are allocated to other services sector in the output and input flows respectively. The repairs and maintenance of buildings have been allocated to construction sector whereas the repairs and maintenance of others, machinery & equipment has been allocated to

relevant sectors producing industrial machinery. The remaining items are allocated to the respective sectors with the necessary adjustments. Repair & maintenance of locomotives & other rail road equipment have also been included in the manufacturing sector. These data have been culled out from the Budget Documents of Ministry of Railways for the year 2007-08.

2.34 Unregistered Manufacturing: The source of data for the output and inputs of unregistered manufacturing sector is the survey on unorganised manufacturing sector conducted by the NSSO during 2005-06. Item-wise inputs and outputs have been used for preparing the input/output flows of the unregistered manufacturing. Treatments of other items as stated above are same as those of registered manufacturing. Necessary adjustments have also been made to convert the data to the year 2007-08.

2.35 Input/output flows thus arrived separately for registered and unregistered manufacturing are clubbed together to arrive the total flows of the manufacturing sectors for the year 2007-08.

Construction (Sector 106)

2.36 The values of the basic materials viz., cement, iron and steel, bricks and tiles, timber and round wood and other construction materials used for construction are the input costs of the construction sector. On construction material for buildings and roads & bridges input norms have been obtained from Central Building Research Institute (CBRI), Roorkee and a report "Detailed Analysis on Buildings Project" of the Planning Commission respectively. In the Make Matrix the outputs shown by the industries against construction have been shown as such. Since the value of output and domestic product for the total construction is derived by the commodity flow approach, the output of construction sector in the Make Matrix has been reduced by the total of construction output shown by the respective industries.

2.37 The inputs relating to construction not accounted in commodity flow approach are in the form of straw, bamboo and grass etc. These inputs have been assumed to flow from agriculture and forestry sectors.

Electricity (Sector 107)

2.38 The economic activities covered in this sector are generation, transmission and distribution of electrical energy. The estimates of inputs are arrived at by aggregating the inputs of (i) State Electricity Boards, (ii) Neyveli Lignite Corporation, (iii) Damodar Valley Corporation, (iv) Departmental Commercial Undertakings of Central and State Governments relating to the electricity sector, (v) Private Electricity companies. The item-wise expenditure on inputs in these undertakings and private companies is also compiled from their annual reports and budget documents of central and state government and local bodies.

Water Supply (Sector 108)

2.39 The economic activities covered in this sector are collection, purification and distribution of water for domestic and industrial consumers, excluding the operation of

irrigation system. For preparing the input structure, government sector comprises of centre and state governments and local authorities including water supply corporations/boards. The item-wise inputs in respect of the government sector are estimated on the basis of data culled out from the budget documents of centre and state governments and local authorities. In the case of private sector, the only inputs considered are plumber charges and transportation charges. These have been taken as one per cent of the GVA of private sector (essentially water tanks), the absence of cost details of water supply activity in the private sector.

Railway Transport Service (Sector 109)

2.40 Railway transport service includes government railways (including DMRC and Konkan Railways). The total material consumption of government railways is obtained by analysing the Demands for Grants for Expenditure of the Central Government Railways. The expenditure made by railways on education, medical facilities, and repair and maintenance activities of manufacturing railway (workshops) is excluded from this sector and is included in the respective sectors of the IOT.

2.41 The material consumption of government railways appears as expenditure under five heads in the Demands for Grants for Expenditure of the Central Government Railways. These expenditure heads are (i) travel expenses, (ii) contingent expenses; (iii) cost of materials, (iv) contractual payments and (v) other expenses. Item-wise details for contingent expenses, cost of materials, contractual payments and other expenses are culled out, to the extent possible, from the respective heads of the budget document and information collected from the Railway Board.

Land Transport Services including via Pipelines (Sector 110)

2.42 **Mechanised Road Transport:** Mechanised road transport includes buses, trucks, taxis and auto rickshaws and tramways and transport by pipelines. The total material consumption of mechanised road transport is estimated separately for public and private sectors. For the public sector undertakings, input structure is estimated by analysing the annual reports of State Road Transport Corporations and Budget Documents of Centre (Ministry of Road Transport), States & Local bodies. The public sector undertakings in respect of mechanised road transport are mainly engaged in bus transport services. As regards private sector, material consumption is estimated separately for passenger and freight traffic. For passenger and freight traffic, the cost of inputs is estimated, on the basis of the results of the Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001.

2.43 **Non-mechanised road transport:** The expenditure on inputs per enterprise is estimated on the basis of the results of the Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001. From these data, the ratios of input to GVA from non-mechanised road transport are worked out and applied to the total GVA from non-mechanised road transport available from NAS to get the input of non-mechanised road transport. The data available from the survey on unregistered

manufacturing sector has been utilised to break-up the item repair and maintenance appearing in the input structure into different IOT sectors. In the case of animal transport services, the input item "maintenance of working animals" is further broken up into item-wise feed of transport animals on similar lines as in the case of animal husbandry sector for the item, livestock feed.

2.44 Water Transport (Sector III): Water transport sector includes services rendered by (i) ocean & coastal water transport, (ii) inland water transport and (iii) supporting services to water transport. The organised and unorganised parts for each of these categories of water transport are considered separately for preparing the input structure of the sub-sector.

2.45 The organised ocean & coastal water transport covers freight and passenger traffic by shipping companies. For the details of material inputs, the profit and loss accounts of major shipping companies have been analysed and the proportions have been applied to the GVA for the entire shipping transport available from NAS. The cost of inputs of unorganised part in respect of water transport relating to ocean & coastal transport is estimated on the basis of the Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001.

2.46 The input structure of organised inland water transport is arrived at by analysing the income and expenditure accounts of (i) Central Inland Water Transport Corporation, Calcutta, (ii) Kerala Water Transport Corporation and (iii) Kerala Inland Navigation Corporation. For unorganised inland water transport, the input structure has been prepared on the basis of the Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001. The input to GVA ratio observed in these norms has been applied to the GVA of unorganised inland water transport available from NAS.

2.47 The organised part of supporting services to water transport comprises (i) port trusts, (ii) ports, pilotages, light houses and light ships and (iii) Dredging Corporation of India Ltd. The activities of port trusts include handling of import & export traffic and other port services. Separate accounts are available for each of the port trusts. Details available in these accounts are used to obtain the input structure of port trusts. In the case of Dredging Corporation of India Ltd., the information available in its annual report has been made use of to arrive at the input structure. The data on purchase of goods and services in respect of ports, pilotages, light houses and light ships are culled out from the Demand for Grants of the Ministry of Home Affairs and Ministry of Surface Transport and the relevant state government budgets. The item "office expenses", for which no details are available in the above mentioned government budgets, has been broken up on the basis of information obtained from the concerned Ministries through correspondence. For the unorganised part of the supporting services to water transport, total input structure has been prepared using the Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001.

2.48 Air Transport (Sector 112): For preparing the input structure of public sector airlines, the annual reports of Air India and Indian Airlines provide the basic data from the profit and loss accounts. Item-wise details of miscellaneous expenses appearing in the reports are obtained from the companies (including private airlines) through correspondence. For non-scheduled operators, input structure is estimated either on the basis of data available from the annual reports or from the data obtained from the companies through correspondence. To the above, the input structures of International Airport Authority of India (IAAI), National Airport Authority, flying & gliding clubs and the Directorate General of Civil Aviation (DGCA) have been added to get the input structure of total air transport activity. Requisite information in respect of flying & gliding clubs is obtained from the companies and for IAAI and DGCA. The inputs have been culled out from the annual reports of private companies and Demand for Grants of the Ministry of Tourism and Civil Aviation.

2.49 Supporting and Auxiliary Transport Activities (Sector 113): This sector comprises of packing, crating, operations of travel agencies etc. These services are associated with shipping, air, railways and mechanised road (truck) transport. The Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001 provides the ratio of input to GVA in respect of services incidental to transport. This ratio has been applied to total GVA in respect of services incidental to transport available from NAS to arrive at the total input of the activity. The total inputs obtained have been broken up into various expenditure items on the basis of details of expenditure obtained from some of the travel agencies directly.

Storage and Warehousing (Sector 114)

2.50 This sector covers storage operations comprising warehousing corporations, cold storage and other storage and warehousing where such storage is offered as an independent service. The input structures of public sector warehousing, cold storage and storage and warehousing in the unorganised sector are prepared separately and consolidated thereafter to arrive at the value of inputs for this sector. Analysis of reports of public warehousing corporations provides the estimates of inputs for warehousing. (Inputs for cold storage are estimated on the basis of results of ASI for the year 2007-08.) However, break-up of certain items like stationery, repair and maintenance etc. is done on the basis of data obtained from few private cold storage units. The cost of inputs of private storage and warehousing in the unorganised sector is estimated on the basis of the results of Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001. The ratio of input to GVA of the storage and warehousing observed in the survey results has been applied to the total GVA of 'other storage and warehousing' from NAS.

Communication (Sector 115)

2.51 This sector comprises of services rendered by public and private communication organisations/enterprises. The activities of Department of Posts relating to Post Office Saving Bank & Postal Life Insurance are excluded from communication as the same are

included in banking & insurance sectors, respectively. Similarly the activities of the Department of Telecommunication relating to telecommunication factories and administrative services are excluded from communication and merged in the concerned sectors. The item-wise details of purchases of goods and services are prepared on the basis of the data culled out from the Demands for Grants for Expenditure of the Central Government of Departments of Posts and Telecommunication and the annual reports of the non-departmental commercial enterprises. The input relating to the private communication services is estimated on the basis of GVA to output ratio of the public sector part and is allocated to the different sectors on the basis of the norms of the public sector. The item-wise break-up of 'office expenses' has been obtained on the basis of data obtained from the Central Government departments.

Trade (Sector 116)

2.52 The activities considered in this sector are (i) wholesale and retail trade in all commodities, both produced at home (including exports) and imported, purchase and selling agents, brokers and auctioneers. Wholesale trade covers units which resell without transformation, new and used goods generally to the retailers and industries, commercial establishments, institutional and professional users or to other wholesalers. Retail trade covers units, which only resell without transformation, new and used goods for personal or household consumption. The gross output in the distribution of commodities is measured as gross trade margins of the trading establishments, i.e. gross output is the gross margins released on the sale of goods in the same condition as they have been purchased and reduced by the delivery cost of the goods to the unit.

2.53 For estimating the input structure of trade activity, the organised and unorganised parts have been dealt with separately. The organised part covers trade in the public sector and the private corporate sector. The inputs in the public sector enterprises have been estimated from the analysis of income and expenditure accounts available in the annual reports of various trading corporations. Due to non availability of detailed data (commodity as well as Industry) on trade for 2007-08, the norms used for IOT 2003-04 have been utilised to arrive at the input structure of the unorganised trade.

Hotels and Restaurants (Sector 117)

2.54 This sector consists of services rendered by hotels, restaurants, cafes, and other eating, drinking and lodging places. Organised and unorganised parts have been dealt with separately for preparing the input structure. The organised part covers hotels & restaurants in the public sector, whereas the unorganised part includes hotels (other than public sector, but including joint stock companies), rooming houses, camps and other lodging places, restaurants, cafes and other eating and drinking places. The input structure of the public sector part has been prepared using the expenditure details available in the profit and loss accounts of the annual reports of various central and state non-departmental commercial undertakings and the respective budget documents for departmental commercial undertakings dealing in the activity. The cost of inputs of the unorganised part is prepared on the basis of the results of Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along

with the Population Census 2001. The input structure of hotels and restaurants sector has finally been obtained by adding the organised and unorganised parts mentioned above.

Banking (Sector 118)

2.55 Banking sector consists of commercial banks, banking department of RBI, non-banking financial institutions, post office saving bank, cooperative credit societies and unorganised financial institutions such as money lender, financiers, chit funds etc. and the services of employee's provident fund organisation. The item-wise details of inputs for these categories of banking institutions are compiled from the annual reports and data obtained from commercial banks, banking department of RBI and non-banking financial institutions. For post office saving bank, the item-wise purchase of commodities and services are arrived at by analysing the budget documents and for cooperative credit societies, input data are obtained from National Bank for Agricultural and Rural Development (NABARD). Input cost of unorganised financial institutions is taken, as in the case of GDP, one third of the organised miscellaneous financial companies of the non-banking financial institutions.

Insurance (Sector-119)

2.56 The insurance activity covers life insurance, non-life insurance, deposits insurance, export credit and guarantee insurance, etc. The detailed information of income and expenditure of life insurance is available in the annual reports of Life Insurance Corporation. The information on income and expenditure of non-life insurance and other insurance is available in the annual reports of the respective companies. Details of management expenses are collected from these companies. The input- structure of postal life insurance is prepared on the basis of the information culled out from the Demands for Grants of the Department of Posts.

Ownership of Dwellings (Sector 120)

2.57 The activities covered in this sector are actual and imputed income from residential houses. The annual inputs of rental income are the cost of repairs and maintenance of dwelling which has been treated as a purchase from the construction sector.

Education and Research (sector 121)

2.58 Activities covered under this sector are (i) educational services and (ii) research and scientific services. It includes both types of institutions, recognised and unrecognised. The total value of input of recognised institutions is estimated on the basis of data obtained from the Ministry of Human Resources Development. The input items include expenditure on apparatus, chemicals and consumable stores, libraries, maintenance of buildings, maintenance of equipment and furniture, games and sports and other items. The data thus obtained relate to recognised institutions only. The contribution of unrecognised institutions is estimated on the basis of the results of Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001.

2.59 The item-wise break-up of "other items" for both recognised and unrecognised institutions has been obtained on the basis of norms obtained by analysing the expenditure

on the purchase of goods and services in education from the government budgets of Central Ministries/Departments, States and Local Bodies. However, the item-wise break-up of office expenditure into different items is worked out on the basis of the detailed data received from the education departments of central and state governments on 'office expenditure' and 'material and supply'. The output of this service sector is taken as the sum of total inputs mentioned above and GVA of education and research as worked out for NAS.

Medical & Public Health (Sector 122)

2.60 The total value of input of medical & health services is estimated separately for government and non-government sectors. In case of government hospitals the medical facilities provided by government administration (including railways), inputs are estimated on the basis of data culled out directly from the budget documents of the central and state governments and local bodies. The item "office expenditure" and "material supply" appearing in the budgets are broken up into various items on the basis of data obtained through correspondence from the medical and health departments of central and state governments.

2.61 In the case of non-government sector, the item-wise inputs are estimated separately for organised and unorganised sectors. While the input details of unorganised sector are estimated on the basis of results available from the Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001, the input for organised sector is estimated using the GVA to output ratio of the public & private unorganised sector. Norms obtained from the analysis of accounts of private non-profit institutions relating to medical & health have also been used for preparing the input structure of this sector.

Other Services (Sector 123-129)

2.62 The "Other Services" (Sector 114) of the earlier IOTs have been further disaggregated into seven sectors namely "Business Services" (Sector 123), "Computer related Services" (Sector 124), "Legal Services" (Sector 125), "Real Estate Services" (Sector 126), "Renting of Machinery & Equipment" (Sector 127), "Other Community, Social & Personal Service (Sector 128) and "Other services" (Sector 129). Business Services comprises of accounting and research & development. Other Community, Social & Personal Service services cover (a) religious and community services, (b) cultural services, (c) personal services such as domestic services, laundry, dry-cleaning and dyeing, photographic studios, barber and beauty shops, (d) funeral related activities (e) custom tailoring (f) hair dressing and other beauty treatment (g) washing and cleaning of textiles. "Other Services" (Sector 129), includes (a) sanitary services, (b) recreation & entertainment, (c) radio & TV broadcasting services (d) international and other territorial bodies and (e) services not elsewhere classified.

2.63 The input structure is obtained separately for sanitary services, radio and television broadcasting and rest of the other services. The input structure of sanitary services is dealt with separately for public and private sectors. The public sector part is determined from the analysis of the budget documents of the central and state governments and local bodies of

municipal corporations. The input structure of radio and television broadcasting service is obtained by analysing the part of the Demands for Grants for expenditure for the Ministry of Information & Broadcasting. The real estate services comprise of activities of all types of dealers such as operators, developers and agents connected with real estate. The details of inputs in respect of all other services including real estate and the corresponding private part of the sanitary services are estimated on the basis of the results available in Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment Unemployment Survey, 2004-05 along with the Population Census 2001(Results of NASSCOM-CRISIL Survey of IT-ITES Companies, 2006 have also been utilised for preparing the input structure of the sector ‘Computer related Services’.)

Final Demand & Indirect Taxes

Final Demand

2.64 The final uses of gross domestic product have been classified into six categories, viz., (i) Private Final Consumption Expenditure (PFCE), (ii) Government Final Consumption Expenditure (GFCE), (iii) Gross Fixed Capital Formation (GFCF), (iv) change in Stocks (CIS), (v) Exports (EXP) and (vi) Imports (IMP).

Private Final Consumption Expenditure (PFCE)

2.65 PFCE represents the consumption expenditure of households and non-profit institutions. The methodology adopted to prepare the vector of PFCE is the same as that adopted for NAS. However, to arrive at the sector-wise estimates of PFCE, the item-wise details of PFCE by object for the year 2007-08 available in the NAS have been used along with the output data (at four digit level national industrial classification (NIC)) from the results of surveys conducted on registered and unregistered manufacturing sectors. The relevant import /export data obtained from RBI have also been used to arrive at the sector-wise estimates of PFCE.

Government Final Consumption Expenditure (GFCE)

2.66 GFCE represents current consumption expenditure of the government. This expenditure comprises of compensation of employees, depreciation and intermediate consumption (purchase of goods and services including repair and maintenance less sales). The total GFCE is divided on the basis of economic classification into sectors of education, medical and health, water supply, construction, other services and public administration and defence. The expenditure relating to these sectors, except public administration & defence, is allocated to these respective sectors whereas in the case of public administration and defence, only the compensation of employees is allocated to the sector “public administration and defence”. The details of intermediate consumption and receipts are culled out from the budget documents of central & state government, local bodies and Finance Account of Union Government. The annual reports of research and scientific institutions, Employee’s Provident Fund Organisation and the details of Issue Department of RBI have also been used to get the details of intermediate consumption. These are allocated to the appropriate sectors in the final demand under GFCE. Items like “office expenditure” and “material and supply” for which no break-up is available in the budget documents, have been split up into the respective sectors on the

basis of information received through correspondence from the ministries/departments of the central and state governments and attached subordinate offices.

Gross Fixed Capital Formation (GFCF)

2.67 The detailed commodity-wise output data relating to products and by-products of capital goods industries covered in the ASI, 2007-08 for organized sector and NSS survey of 2005-06 for unorganized manufacturing, have been considered along with detailed data on exports and imports, and import duty for the preparation of commodity-wise estimates of GFCF.

Change in Stocks (CIS)

2.68 Commodity-wise CIS has been estimated separately for (a) manufacturing sectors and (b) sectors other than manufacturing.

2.69 **Manufacturing Sectors:** Industry-wise estimates of CIS in manufacturing sector are dealt separately for registered and un-registered manufacturing. The data on “value of stocks at the beginning and end of the year by industries” for registered and un-registered manufacturing have been obtained through ASI for the year 2007-08 and through the Survey on Unorganised Manufacturing conducted by the NSS for the year 2005-06, adjusted for 2007-08 respectively. To obtain the corresponding commodity-wise estimates of CIS, these have been reclassified. For an industry, the CIS is available under the categories: (i) raw materials, (ii) stores, (iii) fuel, (iv) semi-finished goods and (v) finished goods. The finished and semi-finished goods of an industry have been identified as the main product of the industry and treated as change in stocks of the main product. The values under raw materials, stores and fuels of an industry have been divided into shares of specific commodities on the basis of main basic materials, stores and fuels consumed in that industry and taken as stocks of these specific input commodities. These sector-wise details are then clubbed together to arrive at the combined CIS for the manufacturing sector.

2.70 **Other than Manufacturing Sectors:** Commodity-wise CIS in sectors other than manufacturing have been arrived separately for public sector (Departmental Commercial Undertakings and Non- Departmental Commercial Undertakings) private corporate sector, co-operative societies and households. Commodity-wise details available from the budget documents of central & state government and local bodies, annual reports of the undertakings are made use of to arrive at the change in stocks of the public sector. Data received from the RBI is used to obtain the commodity-wise change in stocks relating to the private corporate sector. (Due to non availability of detailed data on inventories for 2007-08, the norms used for IOT 1998-99 have been utilised to arrive at the commodity-wise change of stocks of the respective sectors of the household part.) The change in stock of agriculture and allied sectors are based on budget documents and reports of NDCUs for the public sector; livestock census and respective commodity boards for private sector. The estimates of CIS arrived separately for the above mentioned parts are clubbed together to obtain the estimates of the commodity-wise CIS in sectors other than manufacturing.

2.71 Commodity-wise CIS estimated for manufacturing sector and sectors other than manufacturing, as mentioned above, are added together to obtain the total commodity-wise CIS.

Exports

2.72 Exports comprise exports of merchandise on f.o.b. basis and other items like transport and communication in respect of exports other than merchandise, insurance etc. Item-wise break up of exports of merchandise, f.o.b. is available in the DGCI&S publication "Monthly Statistics of Foreign Trade of India, Vol.-I, Exports". For the remaining items, 'the details of invisible items' obtained from RBI for the year 2007-08 have also been utilised.

Imports

2.73 Imports include the imports of merchandise and other items like transport services of merchandise, imports by resident industries, other transport and communication services by non-residents and miscellaneous commodities, etc. Item-wise details of imports of merchandise at c.i.f. values are available in the DGCI&S publication "Monthly Statistics of Foreign Trade of India, Vol. II, Imports", 2007-08. For the remaining items, 'the details of invisible items' obtained from RBI for the year 2007-08 have also been utilised.

Indirect taxes

2.74 Indirect taxes are distinguished as commodity taxes and other indirect taxes. Commodity taxes include union & state excise duties, sales tax, custom duties (on imports & exports) and various other duties and cesses. Other indirect taxes include levies like electricity duty, motor vehicle tax, entertainment tax, and stamp duty, etc. The types of indirect taxes by commodities and services on which they are levied have, therefore, been ascertained and each particular tax has been apportioned in proportion to the value of flow of commodities going to different industry sectors and final uses. The source material used for different components of indirect taxes on various commodity groups is described below: -

2.75 Commodity-wise union excise duties for the year 2007-08 have been taken from the Receipts budget 2007-08 of Central Government whereas data on state excise duties from respective State budget documents for the year 2007-08.

2.76 The budget documents of State governments and Finance Accounts give only the state-wise break-up of the total sales tax levied and does not furnish their commodity-wise data. There is very little uniformity in the rates and exemptions of sales tax levied in different States & Union Territories. For allocating the total sales tax amongst different commodity sectors, the commodities on which sales tax are levied are identified, to the extent possible, and are allocated to the respective sectors. The remaining amount of sales tax is allocated to the different commodity sectors in proportion to the norms arrived on the basis of the product-wise data on sales tax from the ASI(Block 'J')- 2007-08.

2.77 Imports are reported at c.i.f. values and are exclusive of import duties and domestic taxes. The commodity-wise custom duties (both on imports and exports) are available from

the Ministry of Finance. Data on import duties have been used to build up commodity sector-wise import duties (130 sectors). Adjustments have been made for refunds & withdrawals to arrive at net import duties. Similarly, using the same source, commodity-wise export duties/cesses have been prepared.

2.78 Source material used for “other indirect taxes” is the budget documents of state governments and Finance Accounts of the Union and State Governments. These taxes have been identified and allocated to the respective sectors of the IOT.

Subsidies

2.79 The commodity-wise subsidies have been compiled from the budgets of Central and State Governments. These are identified to the relevant commodity sectors and allocated to different consuming industry sectors and final uses in proportion to the domestic flow. Some of the subsidies meant for specific purpose like subsidy provided for electricity and subsidy on the construction of wells for agriculture purposes have been allocated to the respective cells of the domestic flow matrix. Requisite details are, however, not available for many items like subsidies to agriculture, industry, irrigation, Food Corporation of India (FCI), National Small Industries Corporation, Small and Marginal Farmers Development Agencies, industrial corporations and subsidies for product promotion etc. Subsidies paid to FCI have been allocated to items such as wheat, rice and other crops on the basis of detailed data available from the Annual Report and Accounts of FCI, 2007-08. Similar subsidies given to Khadi and Village Industries Commission (KVIC) have been allocated on the basis of details available in the report of KVIC. Irrigation subsidy has been allocated to various crops in proportion to irrigated crop area.

CHAPTER 3

INPUT-OUTPUT TABLES - A BRIEF ANALYSIS

3.1 The IO Table can be viewed as an extensive disaggregation of the production account (goods and services account) within the System of National Accounts. The overall discrepancy in the NAS showing the difference between GDP and final expenditure has been absorbed in various categories of final demand while undertaking the manual balancing, for a balanced IO Table.

3.2 In the open Input Output system, the components of final demand are exogenous to the basic inter-industry matrix and the analysis technique is useful only under the assumption of constancy of technical coefficients. This assumption is justified unless there are major changes in the technology of production. During the periods 1968-69 to 2003-04, the input-output ratios have shown some marginal changes at the sectoral levels in the detailed as well as broad group level classification. It is, however, difficult to say definitely whether these changes are partially attributed to use of data, particularly the results of follow-up surveys of Economic Census and those of the manufacturing sectors or due to technological changes.

3.3 The intermediate consumption of industries accounts for 51 per cent of domestic output in 2007-08, whereas it was 48, 44, 45, 46, 44, 42, 38 and 37 per cent in the years 2003-04, 1998-99, 1993-94, 1989-90, 1983-84, 1978-79, 1973-74 and 1968-69 respectively.

Table 3.0: Percentage Distribution of various components in total output

Year	Intermediate Consumption	PFCE	GFCE	GFCF	Net Exports
1968-69	37	47	6	10	Neg.
1973-74	38	46	6	10	Neg.
1978-79	42	41	6	11	Neg.
1983-84	44	40	6	10	Neg.
1989-90	46	35	7	12	Neg.
1993-94	45	37	6	12	Neg.
1998-99	44	38	7	12	(-)1
2003-04	48	32	6	14	Neg
2007-08	51	28	5	16	(-)3

3.4 Of the final demand in total output in 2007-08, while the contribution of PFCE has come down to 28 per cent from 47 per cent in 1968-69 that of GFCF increased from 10 per cent in 1968-69 to 16 per cent in 2007-08. The contribution of GFCE has been nearly 6 per cent in 2003-04 has shown a marginal decline and remained at 5 percent. Net foreign trade is only 3 percent of the total output; however imports are more than the exports.

3.5 To analyse the situation prevailing in 2007-08, the 130 sector *commodity x industry* table has been summarised to show only two sectors in the economy viz., 'commodities' comprising sectors 1 to 108 and 'services' comprising sectors 109 to 130 (Tables 3.1 and 3.2). These tables give a comparative picture of percentage distribution of output dispositions and input structure of commodities and services for the years 1968-69, 1973-74, 1978-79, 1983-84, 1989-90, 1993-94, 1998-99, 2003-04 and 2007-08.

3.6 The eight IOTs compiled so far, reveal some deviation in the inter-industry utilization of output of various commodities and services. The commodities have utilised 48.5 per cent of commodity output for intermediate consumption in 2007-08 as against 45.7 in 2003-04, 41.2 in 1998-99, 40.3 per cent in 1993-94, 42.5 per cent in 1989-90, 40.3 per cent in 1983-84, 38 per cent 1978-79, 34.5 per cent in 1973-74 and 33.6 per cent in 1968-69. The services have utilised 13.1 per cent of service output for intermediate consumption in 2007-08, as against 12.8 percent in 2003-04, 13.2 per cent in 1998-99 11.7 per cent in 1993-94, 12.8 per cent in 1989-90, 13.1 per cent in 1983-84, 15.5 per cent in 1978-79, 9.4 per cent each in 1973-74 and 1968-69. The intermediate use of services in commodities has declined from 9.3 per cent in 2003-04 to 8.3 percent in 2007-08. The share of commodities in final use to total commodity output is 43.2 per cent in 2007-08, as against 45.0 in 2003-04, 50.9 per cent in 1998-99, 52.0 per cent in 1993-94, 51.4 per cent in 1989-90, 53.2 per cent in 1983-84, 56.1 per cent in 1978-79, 60.2 per cent in 1973-74, and 61.2 per cent in 1968-69. There is slight decrease in the share of services in final use to total output of services, which is, 59.8 in 2007-08 as compared to 62.6 percent in 2003-04, 63.2 per cent in 1998-99 and 61.5 per cent in 1993-94.

3.7 The net indirect taxes on commodities and services used as intermediate inputs in 2007-08 constitute 32.1 per cent and 16.8 per cent, respectively of the total net indirect taxes while the remaining 51.0 per cent is the share of indirect taxes on final use.

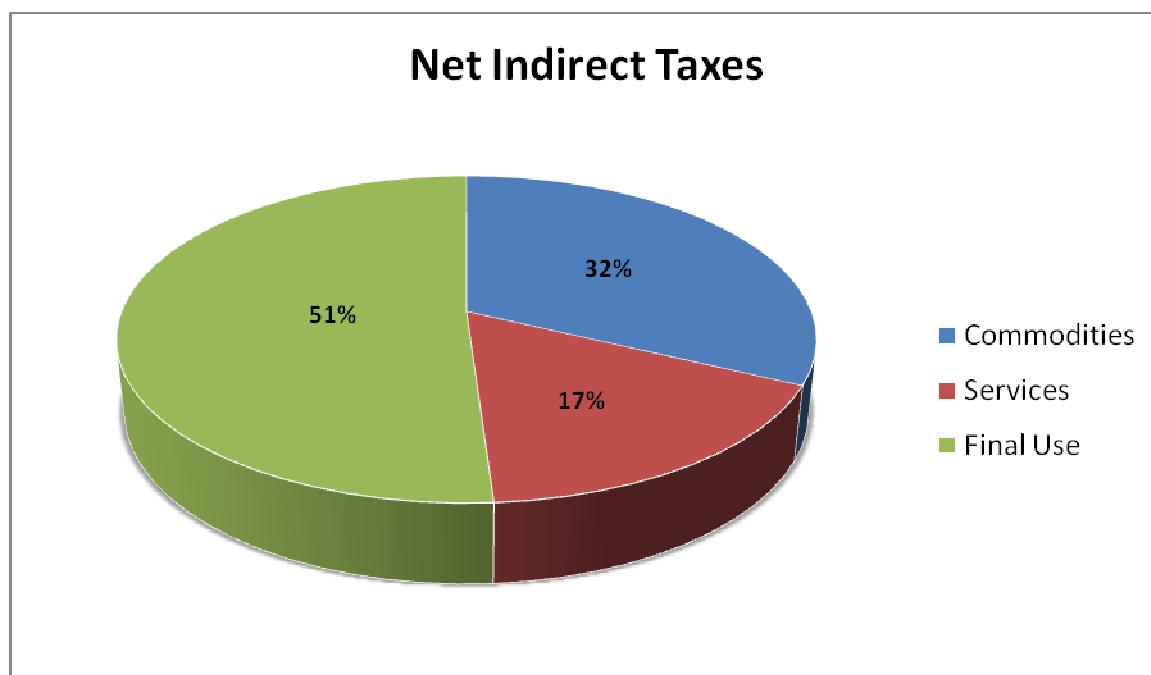


Table 3.1: Percentage Distribution of Output

Sl. No.	Item	Year	Commo- dities	Services	Intermediate Use (4)+(5)	Final Use	Total Output (6)+(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Commo- dities	1968-69	33.6	5.2	38.8	61.2	100
		1973-74	34.5	5.3	39.8	60.2	100
		1978-79	38.0	5.9	43.9	56.1	100
		1983-84	40.3	6.5	46.8	53.2	100
		1989-90	42.5	6.2	48.6	51.4	100
		1993-94	40.3	7.6	48.0	52.0	100
		1998-99	41.2	7.9	49.1	50.9	100
		2003-04	45.7	9.3	55.0	45.0	100
		2007-08	48.5	8.3	56.8	43.2	100
2.	Services	1968-69	21.8	9.4	31.2	68.8	100
		1973-74	21.2	9.4	30.6	69.4	100
		1978-79	23.4	15.5	38.9	61.1	100
		1983-84	24.4	13.1	37.5	62.5	100
		1989-90	27.8	12.8	40.6	59.4	100
		1993-94	26.8	11.7	38.5	61.5	100
		1998-99	23.6	13.2	36.8	63.2	100
		2003-04	24.6	12.8	37.4	62.6	100
		2007-08	27.1	13.1	40.2	59.8	100
3.	Sub-total	1968-69	30.5	6.3	36.8	63.2	100
		1973-74	31.2	6.4	37.6	62.4	100
		1978-79	33.7	8.7	42.4	57.6	100
		1983-84	35.5	8.5	44.0	56.0	100
		1989-90	37.9	8.2	46.2	53.8	100
		1993-94	35.6	9.1	44.6	55.4	100
		1998-99	34.5	9.9	44.4	55.6	100
		2003-04	37.8	10.6	48.4	51.6	100
		2007-08	40.7	10.0	50.8	49.2	100
4.	Net Indirect taxes	1968-69	37.2	17.2	54.4	45.6	100
		1973-74	46.3	11.9	58.2	41.8	100
		1978-79	49.8	14.5	64.3	35.7	100
		1983-84	48.5	11.9	60.4	39.6	100
		1989-90	54.0	10.6	64.5	36.5	100
		1993-94	23.3	17.1	40.4	59.6	100
		1998-99	29.2	18.1	47.4	52.6	100
		2003-04	31.1	14.7	45.8	54.2	100
		2007-08	32.1	16.8	49.0	51.0	100
5.	Gross Value Added	1968-69	69.3	30.7			
		1973-74	70.1	29.9			
		1978-79	63.3	36.7			
		1983-84	63.0	37.0			
		1989-90	71.2	28.8			
		1993-94	56.1	43.9			
		1998-99	54.2	45.8			
		2003-04	47.2	52.8			
		2007-08	47.3	52.7			

Commodities: Sectors 1 to 108 of 130 x 130 Table

Service: Sectors 109 to 130 of 130 x 130 Table

Fig. 1: Commodity wise Distribution of Output into Intermediate Use and Final Use

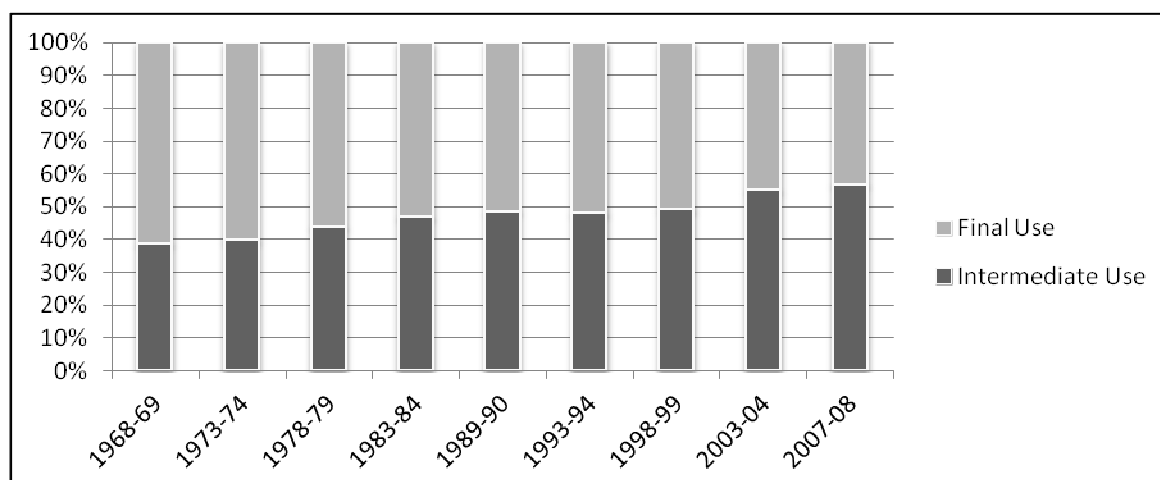
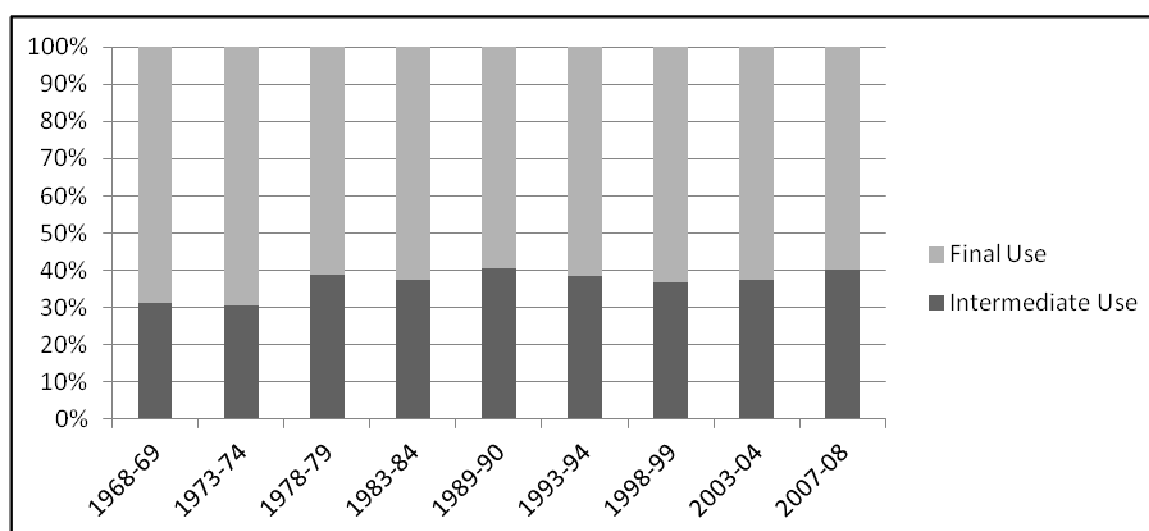


Fig. 2: Service Distribution into Intermediate Use and Final Use



3.8 In the year 2007-08, 34.7 per cent of the total output of industries producing commodities forms GVA, 63.3 per cent intermediate inputs and the remaining 2.1 per cent net indirect taxes on inputs (Table 3.2). On the other hand, in case of services industries, the three components viz., 'gross value added', 'intermediate input' and 'net indirect taxes on inputs' form 69.8 per cent, 28.2 per cent and 2.0 per cent respectively of these services industries sector output. Thus, the GVA to output ratio in case of the industries producing commodities has gone down to 34.7 per cent in 2007-08 from 37.5 per cent in 2003-04. On the other hand, in the case of services producing industries, the GVA to output ratio is almost the same for 2007-08, 2003-04 at 69.8, 70.0 per cent, respectively. The GVA to total output ratio of intermediate inputs for the year 2007-08 has marginally gone down to 47.2 as against 49.7 in 2003-04. The material inputs of commodities have increased from 45.5 per cent in 2003-04 to 48.1 per cent in 2007-08, and in case of services the same is 14.9 per cent in 2007-08 as against 15.4 per cent in 2003-04. The component of commodities as input in the service producing industries has declined to 14.9 per cent in 2007-08 from 15.4 in 2003-04. But there is a slight increase in the component of services as input in the service producing industries from 12.9 per cent in 2003-04 to 13.3 per cent in 2007-08.

Table 3.2: Percentage Distribution of Inputs

Sl. No.	Item	Year	Commodities	Services	Sub-Total	Final Use
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Commodities	1968-69	33.6	15.2	28.8	69.2
		1973-74	34.5	16.4	30.0	69.9
		1978-79	38.0	14.1	31.0	66.3
		1983-84	39.5	16.0	32.8	63.9
		1989-90	41.3	14.8	33.7	63.5
		1993-94	39.1	14.8	31.0	57.6
		1998-99	39.5	14.0	30.5	54.6
		2003-04	45.5	15.4	34.2	52.6
		2007-08	48.1	14.9	36.3	53.8
2.	Services	1968-69	7.5	9.4	8.0	27.1
		1973-74	6.9	9.4	7.6	26.4
		1978-79	9.7	15.5	11.4	29.9
		1983-84	10.2	13.7	11.2	32.1
		1989-90	12.0	13.7	12.5	32.6
		1993-94	14.2	12.4	13.6	37.1
		1998-99	13.8	14.2	13.9	41.1
		2003-04	14.9	12.9	14.1	43.0
		2007-08	15.2	13.3	14.5	42.1
3.	Sub-total	1968-69	41.1	24.6	36.8	96.3
		1973-74	41.4	25.8	37.6	96.3
		1978-79	47.7	29.6	42.4	96.2
		1983-84	49.7	29.7	44.0	96.0
		1989-90	53.3	28.5	46.2	96.0
		1993-94	53.4	27.2	44.6	94.7
		1998-99	53.3	28.2	44.4	95.7
		2003-04	60.4	28.3	48.3	95.6
		2007-08	63.3	28.2	50.8	95.9
4.	Net Indirect taxes	1968-69	2.7	3.6	2.9	3.7
		1973-74	3.5	2.7	3.3	3.7
		1978-79	4.5	3.2	4.1	3.8
		1983-84	4.0	2.4	3.6	4.0
		1989-90	4.8	2.3	4.1	4.0
		1993-94	1.8	2.7	2.1	5.3
		1998-99	2.1	2.5	2.3	4.3
		2003-04	2.1	1.7	1.9	4.4
		2007-08	2.1	2.0	2.0	4.1
5.	Gross Value Added	1968-69	56.2	71.8	60.3	
		1973-74	55.1	71.5	59.1	
		1978-79	47.8	67.2	53.5	
		1983-84	46.3	67.9	52.4	
		1989-90	41.9	69.2	49.8	
		1993-94	44.8	70.1	53.3	
		1998-99	44.6	69.4	53.3	
		2003-04	37.5	70.0	49.7	
		2007-08	34.7	69.8	47.2	
6.	Total Output	1968-69	100	100	100	100
		1973-74	100	100	100	100
		1978-79	100	100	100	100
		1983-84	100	100	100	100
		1989-90	100	100	100	100
		1993-94	100	100	100	100
		1998-99	100	100	100	100
		2003-04	100	100	100	100
		2007-08	100	100	100	100

Fig. 3: Percentage Distribution of Services and Commodities in Final Use

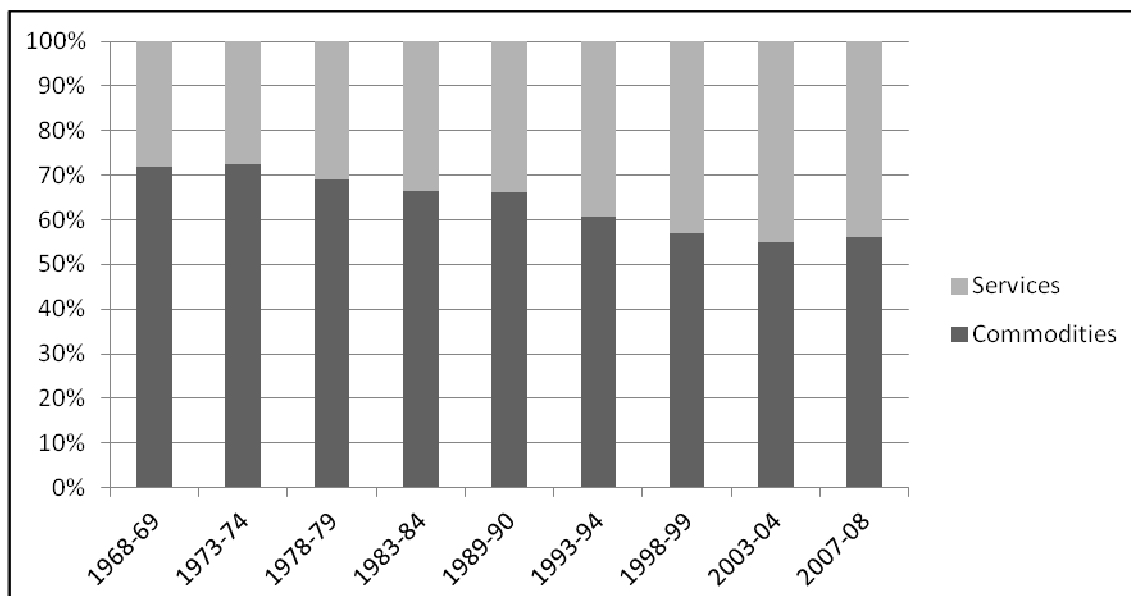
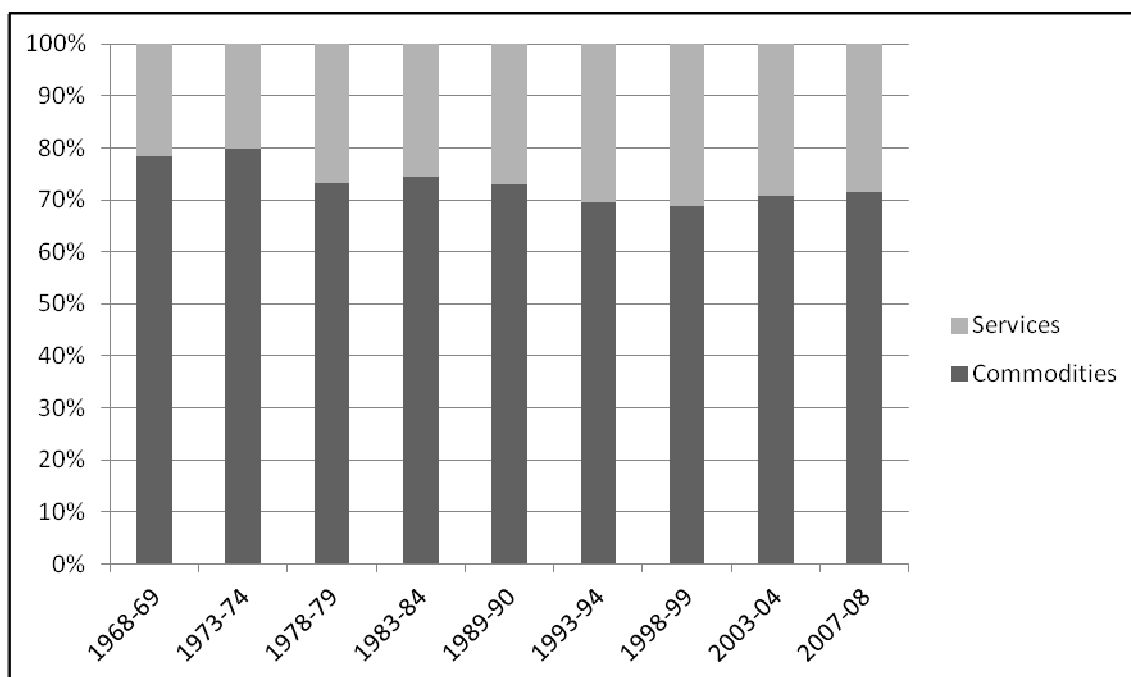


Fig. 4: Percentage Distribution of Services and Commodities in Intermediate Use



3.9 The IOT has also been aggregated broadly to correspond to the classification of gross domestic product by industry of origin (Table 3.3). This table gives the actual level in 2007-08 whereas Table 3.4 gives a comparative picture of the first quadrant of inter-industry transactions for the years 1968-69, 1973-74, 1978-79, 1983-84, 1989-90, 1993-94, 1998-99, 2003-04 and 2007-08 under similar classification. Consequently, sectors 1 to 37 of the IOT are considered as belonging to 'primary' sector'. 'Secondary' sector corresponds to sectors 38 to 108. 'Transport, communication & trade' comes under the sectors 109 to 117 excluding sector 114, and the rest covering sectors 114, 118 to 129 as 'other services', leaving 'public administration and defence' (PAD) but including 'banking, insurance and real estate'. PAD has been kept as a separate sector in the Table 3.3.

3.10 In Table 3.3, the sum of column (8) & (9) gives supply in the economy while final demand appears in column (9). The basic inter-industry matrix consists of column (3) to (7) and rows (1) to (5). PAD sector has no entry in the basic matrix, as its entire output is allocated to itself for final consumption. Further, it has no intermediate input implying that the total output is equal to its GVA. The diagonal elements of the basic inter-industry matrix show the output of goods and services, produced and consumed by the same sector.

Table 3.3: Inter-Industry Transactions, 2007-08

(Rs. in crores)

Sl. No.	Sector/Item	P	S	TR	OTH	PAD	Total II Use	Total Final Use	Total Output
(1.)	(2.)	(3.)	(4.)	(5.)	(6.)	(7.)	(8.)	(9.)	(10.)
1	P	240400	726274	71836	1508	0	1040018	373281	1413299
2	S	115783	1923335	346190	95368	0	2480675	2308246	4788921
3	TR	96499	623578	223484	67650	0	1011212	964146	1975358
4	OTH	18299	211833	81335	88046	0	399513	899024	1298537
5	PAD	0	0	0	0	0	0	234992	234992
6	Total	470894	3485020	721477	253941	0	4931333	4779689	9711022
7	NIT	-29926	160073	57040	11079	0	198267	206738	405005
8	GVA	977196	1189598	1146658	1032978	234992	4581422	0	4581422
9	Total Output	1418165	4834691	1925175	1297998	234992	9711022	4986427	14697449

P: Primary, S: Secondary, TR: Trade, Hotel, Transport & Communication, OTH: Other Services including Financial Services, PAD: Public Administration & Defence. II: Inter Industry Use

Note: The figures in col. (10) and row (9) of P, S, TR, OTH & PAD do not tally as the columns represent industries whereas rows represent commodities.

3.11. As per Table 3.4, during the year, the consumption of sectors' own output is 23.1 per cent in the case of primary sectors and 77.5 per cent in the case of secondary sectors. The corresponding figures for the years 1968-69, 1973-74, 1978-79, 1983-84, 1989-90, 1993-94, 1998-99 and 2003-04 were 54.5 per cent and 68.5 per cent, 44.4 per cent and 69.0 per cent, 43.1 per cent and 71.8 per cent, 39.2 per cent and 70.4 per cent and 34.3 per cent and 74.2 per cent, 32.1 per cent and 70.5 per cent 24.3 per cent and 71.9 per cent, 29.0 percent and 72.2 percent respectively. In the year 2007-08, rest of the intermediate use of primary sector (other than what has been used by the primary sector) has been shared by the secondary sector (69.8 per cent) and 'transport, communication and trade' sector (6.9 per cent) and the 'other services' sector (0.1 per cent). The use of secondary sector product by 'primary', 'transport, communication and trade' and 'other services' sectors in the year 2007-08 has been 4.7 per cent, 13.9 per cent and 3.9 per cent respectively. Intermediate supply of 'transport, communication & trade' and 'other services' sectors has been largely to secondary sector, which is of the order of 61.7 per cent and 53.0 per cent respectively. The shares of 'transport, communication and trade services' used by primary, self and other services are 9.5 per cent, 22.1 per cent and 6.7 per cent respectively. The output of 'other services' has been used by primary, 'transport, communication and trade' and self, having shares of total intermediate use as 4.6 per cent, 20.4 per cent and 22.0 per cent, respectively.

Table 3.4: Inter-Industry Transactions:*(Percentages)*

Sl. No.	Sector/ Item	Year	P	S	TR	OTH	Total II USE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Primary	1968-69	54.5	41.5	3.8	0.2	100
		1973-74	44.4	47.6	7.9	0.1	100
		1978-79	43.1	50.3	6.3	0.3	100
		1983-84	39.2	54.8	5.6	0.4	100
		1989-90	34.3	60.0	5.1	0.6	100
		1993-94	32.1	61.4	6.0	0.5	100
		1998-99	24.3	69.7	5.6	0.3	100
		2003-04	29.0	64.4	6.4	0.2	100
2.	Secondary	2007-08	23.1	69.8	6.9	0.1	100
		1968-69	10.4	68.5	11.0	10.1	100
		1973-74	12.4	69.0	9.6	9.0	100
		1978-79	10.9	71.8	11.7	5.6	100
		1983-84	11.0	70.4	11.8	6.8	100
		1989-90	9.9	74.2	10.9	5.0	100
		1993-94	9.3	70.5	15.2	5.1	100
		1998-99	7.6	71.9	13.6	6.9	100
3.	Transport, Communication and Trade	2003-04	6.6	72.2	16.3	4.9	100
		2007-08	4.7	77.5	13.9	3.9	100
		1968-69	8.1	67.4	16.8	7.7	100
		1973-74	9.4	59.9	24.2	6.5	100
		1978-79	10.9	52.3	32.6	4.2	100
		1983-84	12.4	57.1	26.0	4.5	100
		1989-90	11.0	63.0	21.5	4.5	100
		1993-94	13.2	67.7	15.0	4.0	100
4.	Other Services including Financial Services	1998-99	10.6	65.4	16.5	7.5	100
		2003-04	10.9	61.3	20.7	7.1	100
		2007-08	9.5	61.7	22.1	6.7	100
		1968-69	14.9	37.6	36.8	10.7	100
		1973-74	8.9	60.7	20.2	10.2	100
		1978-79	5.5	45.6	33.0	15.9	100
		1983-84	6.5	48.5	33.3	11.7	100
		1989-90	6.3	51.9	28.4	13.5	100
5.	Total input	1993-94	4.8	41.3	40.5	13.3	100
		1998-99	3.1	44.6	25.8	26.5	100
		2003-04	3.6	48.9	21.5	26.0	100
		2007-08	4.6	53.0	20.4	22.0	100
		1968-69	25.7	57.1	10.9	6.3	100
		1973-74	24.2	58.9	11.7	5.2	100
		1978-79	19.3	60.3	15.9	4.5	100
		1983-84	18.6	62.1	14.3	5.0	100
6.	Net Indirect Taxes	1989-90	15.4	66.8	13.1	4.7	100
		1993-94	14.7	65.0	15.6	4.7	100
		1998-99	11.0	66.7	14.1	8.2	100
		2003-04	11.9	66.2	15.6	6.3	100
		2007-08	9.5	70.7	14.6	5.1	100
		1968-69	7.1	61.2	27.3	4.4	100
		1973-74	8.3	71.3	16.2	4.2	100
		1978-79	6.0	71.4	19.2	3.4	100
6.	Net Indirect Taxes	1983-84	(-6.1)	86.1	14.5	5.1	100
		1989-90	(-7.5)	91.1	13.6	2.8	100
		1993-94	(-33.2)	90.8	37.4	4.9	100
		1998-99	(-16.2)	78.0	28.8	9.4	100
		2003-04	(-44.9)	112.8	26.0	6.1	100
		2007-08	(-15.1)	80.7	28.8	5.6	100

3.12 Table 3.5 depicts the input structure of different sectors. The input requirements of primary sector have declined from 34.3 per cent in 2003-04 to 33.2 per cent in 2007-08 mainly due to the increase in the consumption of products of primary and secondary sectors.

Table 3.5: Percentage Distribution of Inputs in Different Sectors

(Percentages)

S. No.	Sector/ Item	Year	P	S	TR	OTH	Total II USE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Primary	1968-69	17.8	15.4	3.5	0.3	12.9
		1973-74	16.5	19.4	8.1	0.2	14.6
		1978-79	16.7	14.2	4.1	0.4	11.5
		1983-84	16.7	15.4	4.2	0.4	12.1
		1989-90	15.4	13.6	3.3	0.7	10.7
		1993-94	13.5	14.0	3.1	0.3	9.9
		1998-99	10.9	14.5	2.9	0.2	9.2
		2003-04	17.6	14.4	3.3	0.1	10.2
2007-08	17.0	15.0	3.7	0.1	10.7		
2.	Secondary	1968-69	4.1	31.2	12.4	18.1	15.9
		1973-74	4.8	29.5	10.3	17.6	15.4
		1978-79	7.1	34.1	12.8	12.1	19.5
		1983-84	8.0	33.9	15.2	11.1	20.7
		1989-90	9.5	36.0	15.0	12.7	22.9
		1993-94	8.4	34.5	16.9	7.5	21.2
		1998-99	7.9	34.0	16.1	10.7	21.3
		2003-04	9.5	37.9	19.7	8.0	24.0
2007-08	8.2	39.8	17.9	7.5	25.5		
3.	Transport, Communi- cation and Trade	1968-69	1.2	11.7	7.1	5.2	6.0
		1973-74	1.5	10.1	10.2	5.0	6.1
		1978-79	3.2	11.0	15.7	4.1	8.6
		1983-84	3.4	10.4	12.7	2.8	7.8
		1989-90	3.7	10.8	10.4	4.0	8.1
		1993-94	5.2	14.4	7.2	2.6	9.2
		1998-99	4.2	11.9	7.4	4.3	8.1
		2003-04	6.2	12.8	9.9	4.6	9.5
2007-08	6.8	12.9	11.6	5.2	10.4		
4.	Other Services include. Financial Services	1968-69	0.8	2.3	5.3	2.5	2.0
		1973-74	0.3	2.5	2.1	1.9	1.5
		1978-79	0.5	3.1	5.2	4.9	2.8
		1983-84	0.8	3.9	7.1	3.2	3.4
		1989-90	1.2	4.8	7.5	6.6	4.4
		1993-94	0.9	4.2	9.4	4.1	4.4
		1998-99	0.9	5.9	8.4	11.2	5.9
		2003-04	1.0	4.9	5.0	8.3	4.6
2007-08	1.3	4.4	4.2	6.8	4.1		
5.	Total input	1968-69	23.9	60.6	28.3	26.1	36.8
		1973-74	23.1	61.5	30.7	24.7	37.6
		1978-79	27.5	62.4	37.8	21.5	42.4
		1983-84	28.9	63.6	39.2	17.5	44.0
		1989-90	29.7	65.2	36.1	24.0	46.2
		1993-94	27.9	67.2	36.7	14.6	44.6
		1998-99	23.9	66.9	34.8	26.4	44.5
		2003-04	34.3	70.0	37.9	21.0	48.3
2007-08	33.2	72.1	37.5	19.6	50.8		
6.	Net Indirect Taxes	1968-69	0.5	5.1	5.6	1.4	2.9
		1973-74	0.7	6.6	3.7	1.8	3.3
		1978-79	0.8	7.1	4.4	1.5	4.1
		1983-84	(-)0.8	7.2	3.2	1.5	3.6
		1989-90	(-)1.3	7.8	3.3	1.3	4.1
		1993-94	(-)3.0	4.4	4.1	0.7	2.1
		1998-99	(-)1.8	4.0	3.6	1.5	2.3
		2003-04	(-)5.2	4.8	2.5	0.8	1.9
2007-08	(-)2.1	3.3	3.0	0.9	2.0		
7.	Gross Value Added	1968-69	75.6	34.3	66.1	72.5	60.3
		1973-74	76.2	31.9	65.6	73.5	59.1
		1978-79	71.7	30.5	57.6	77.0	53.5
		1983-84	71.9	29.2	57.6	81.1	52.4
		1989-90	71.5	27.0	60.6	74.7	49.8
		1993-94	75.0	28.4	59.2	84.7	53.3
		1998-99	77.9	29.1	61.7	72.1	53.3
		2003-04	70.9	25.2	59.6	78.2	49.8
2007-08	68.9	24.6	59.6	79.6	47.2		
8.	Total Output	1968-69	100	100	100	100	100
		1973-74	100	100	100	100	100
		1978-79	100	100	100	100	100
		1983-84	100	100	100	100	100
		1989-90	100	100	100	100	100
		1993-94	100	100	100	100	100
		1998-99	100	100	100	100	100
		2003-04	100	100	100	100	100
2007-08	100	100	100	100	100		

3.13 In 2007-08, the GVA in primary sector is 68.9 per cent of the total output, which is less than the corresponding figure of 70.9 per cent in 2003-04. The GVA output ratios in the primary, secondary sectors have gone down during 2007-08 in comparison to 2003-04 from 70.9 per cent to 68.9 per cent, 25.2 per cent to 24.6 per cent respectively, whereas in transport, communication & trade it has remained at the level of 59.6 per cent. However, in other services has gone up from 78.2 per cent to 79.6 per cent. The intermediate inputs of 'transport, communication and trade' sector for 2007-08 have marginally declined to 37.5 from 37.9 per cent during 2003-04. The input requirement is minimum in other services sector and maximum in secondary sector.

Table 3.6: Purpose-wise Percentage Distribution of Final Use of Output
(Percentages)

Sl. No.	Sector/ Item	Year	PFCE	GFCE	GFCF	CIS	EXP	Total FUSE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Primary	1998-99	94.0	0.5	0.5	0.1	4.9	100.0
		2003-04	89.0	0.6	0.3	0.9	9.2	100.0
		2007-08	87.8	1.4	0.3	-0.8	11.2	100.0
2.	Secondary	1998-99	38.5	4.7	42.6	-0.3	14.5	100.0
		2003-04	32.2	3.4	47.1	1.3	15.9	100.0
		2007-08	24.1	3.3	50.0	8.7	13.9	100.0
3.	Transport, Communication and Trade	1998-99	75.2	4.1	6.9	0.0	13.8	100.0
		2003-04	78.0	2.9	6.8	0.0	12.4	100.0
		2007-08	70.5	4.7	7.3	0.0	17.5	100.0
4.	Other Services include. Financial Services	1998-99	73.5	17.9	1.5	0.0	7.1	100.0
		2003-04	67.5	15.7	1.9	0.0	14.8	100.0
		2007-08	61.7	10.4	0.9	0.0	26.9	100.0
5.	Public Administration and Defence	1998-99	0.0	100.0	0.0	0.0	0.0	100.0
		2003-04	0.0	100.0	0.0	0.0	0.0	100.0
		2007-08	0.0	100.0	0.0	0.0	0.0	100.0
6.	Total Input	1998-99	59.7	11.0	19.0	-0.1	10.5	100.0
		2003-04	53.5	9.8	22.7	0.7	13.3	100.0
		2007-08	45.4	8.3	26.2	4.2	15.9	100.0

3.14 The PFCE primary has gone down to 87.8 percent of the final use in 2007-08 from 89.0 in 2003-04. Similar trend of decline is observed in the ratio PFCE of secondary, 'transport, communication and trade' and other services. The ratio of GFCF has registered a marginal increase in the secondary and transport sectors, whereas it has remained the same for the primary sector. As regards Exports, the ratio to the final use has increased in the primary, transport and other services, whereas it has declined from 15.9 percent in 2003-04 to 13.9 percent in 2007-08 in the secondary sector.

3.15 The above analysis is on the basis of *absorption* matrix. Other matrix, which also provides basic information to input-output system, is the *make* matrix. Analysis of *make matrix* can be through the *product-mix* and *market share* matrices, which show the coefficients of the *make matrix* depicting the pattern of industries and commodities respectively.

3.16 The basic input-output table is a commodity x industry table recording the inputs of commodities into industries. Most of these inputs are required to produce the characteristic product of the industry but some are required to produce its subsidiary products. The construction of pure table's viz., commodity x commodity or industry x industry table from the basic data involves transfers of inputs and outputs between sectors and such transfers are in fact possible by suitably combining the make matrix and the absorption matrix under the appropriate assumptions.

Product Mix Matrix

3.17 In the product mix matrix, (usually, denoted by C) whose column entries show the proportions in which a particular industry produces various commodities, the diagonal elements give the proportion of the main product in the output of the industry while the off-diagonal elements indicate the subsidiary products and by-products.

3.18 For all industries relating to primary and service activities and large number of manufacturing industries, the main product of the industry practically accounts for the total output.

3.19 In the case of manufacturing industries, the contribution of the by-products and secondary products is, however, significant. In some cases, the proportion of all the by-products taken together is over 50 percent. The number of secondary products and by-products of an industry is generally small, with a few exceptions.

3.20 Out of the 68 industries listed under manufacturing, 12 industries share proportion of by-products less than 10 per cent, 19 industries share between 10-20 per cent and rest account for more than 20 per cent. For the rest of the industries relating to services, the share of by-products or subsidiary products is less than 5 per cent.

Market Share Matrix

3.21 The market share matrix (D), column entries present the proportions in which the various industries produce the total output of a particular commodity, the diagonal elements give the proportions of the output of various commodities produced as main products and the off-diagonal elements show the proportions of the commodities produced as subsidiary products in other industries.

3.22 As expected, it is only in the manufacturing sector that the off diagonal elements are significant as compared to primary and tertiary sectors. In other words, in case of manufactured goods each commodity is produced by relatively large number of industries as a subsidiary product or by-product. More than 90 per cent of the output is produced as main product in the case of 19 commodity groups and less than 80 percent of the output is for 36 commodity groups belonging to manufacturing sectors.

APPENDIX 1

GENERATION OF INPUT FLOW MATRICES, MAKE MATRIX AND ASSOCIATED MATRICES

Input flow Matrix

A1.1 The Input and output flows for different sectors have been identified in terms of commodities, using the ASICC codes for the manufacturing sectors and the IOT sector codes for other sectors. For the sectors for which the ASICC codes have been used to code the input commodities, the same have been converted to the IOT sector codes using the ASICC-IOT concordance, specially developed for the purpose.

A1.2 The input and output flows relating to registered and unregistered manufacturing industries have been generated separately on the basis of detailed coded (ASICC) input data available from the survey results. For the registered manufacturing sector, the item directory of the detailed results of ASI, 2007-08, are available according to the ASI item codes. The data records are aggregated to the IOT-sector codes for both the industries and the commodities, using the concordance of (i) NIC Industries-IOT sectors and (ii) ASICC commodities-IOT sectors, respectively, keeping in view the coverage of IOT sectors.

A1.3 Input flows from registered manufacturing segments has been generated by combining the input data for each of the input data Blocks I, H & F of ASI and for each of the industry sub-groups. Similarly output flow has been generated from the data of block J & G (output Blocks). Within the industry sub-groups, commodities are grouped to conform to IOT sectors and similarly the industry sub-groups are merged to conform to IOT sectors. It may be noted that in each of industry sectors besides the identified inputs, there are several unidentified input items of the categories of 'other basic materials', 'other chemicals', 'other packing materials', 'others', etc. The treatment of these unidentified inputs is given in para A1.6, below.

A1.4 Specially tabulated data for inputs and outputs (commodity-wise) have been used for preparing the input/output flows of the unregistered manufacturing. Once data for unregistered manufacturing are available according to the ASICC codes for the input and output commodities, the data records are assigned the IOT-sector codes for both the industries and the commodities, using the concordance tables mentioned above. Treatment of unidentified items appearing in the above mentioned tables are same as those of registered manufacturing, except for those items which were not given ASICC codes at the time of the survey. These uncoded commodities have also been converted into IOT sector codes. Since the survey on unorganised manufacturing sector relates to 2005-06, proper adjustments have been done to convert the data for the year 2007-08. Input/output flows thus arrived at separately for registered and unregistered manufacturing are combined to arrive at the total flows of the manufacturing sectors.

A1.5 The single input flow matrix representing the entire manufacturing sector has then been combined with the input flow matrices relating to primary and service sectors of the economy and aggregated to 130 sector classification adopted. The final demand vectors are outside the 130

columns relating to inter-industry transactions. Thus, the input flow at purchasers' price has been obtained by depicting the inter-industry flows and final uses of the commodities in rows. The sectoral estimates of gross value added have then been introduced as a row at the bottom next to the row showing the total inputs by industries. The unbalanced input-output transactions table at purchasers' price is thus obtained, where the individual row and column totals show the first results of the exercise in terms of commodity utilisation and input structures of industries. The sum of the entries in a column of this table shows the output of the industry at ex-factory price. The sum of the entries along any row shows the total of the inter-industry and the final use of the commodity. Since the table is *commodity x industry* transaction presentation, the row totals do not tally with the column totals even after final balancing though the column and row headings are similar. The balancing in this case, therefore, refers to an exercise with reference to independent *industry x commodity* classification of output.

A1.6 In the combined input flow, there are a number of unidentified inputs, such as, other raw materials, other chemicals, other packing materials, consumable stores, materials consumed for repairs and maintenance of buildings, machinery and equipment and others, other fuels etc. The entries corresponding to 'other chemicals' row have been transferred to the rows of 'inorganic heavy chemicals', 'organic heavy chemicals' and 'other chemicals' in proportion to the existing entries of these three sectors of chemical industries. The materials used for the repairs and maintenance of buildings have been treated as the purchase from the construction sector. The materials consumed for the repairs and maintenance of machinery and equipment have been identified to the components of the machinery used in the industries and transfers made to the relevant producing sectors. The values of remaining unidentified items in different industries have been transferred to relevant sectors in the course of manual balancing.

Output Matrix

A1.7 For balancing the table, it is necessary to have an *industry x commodity* classification of outputs, i.e., a Make matrix. Similar to the procedure followed for the generation of combined input flow, the output flows relating to registered and unregistered manufacturing industries have been generated separately on the basis of detailed coded output data and finally merged into a single output flow matrix representing the complete manufacturing sector. The sources of data for the industry-wise details of output on products and by-products are the same as those utilised for the input flows. These output data are tabulated to obtain the *industry x commodity* matrix (Make matrix) by merging the output flows from registered, unregistered manufacturing sectors and the output flows from primary and service sectors.

A1.8 The IOT at purchasers' price thus obtained is, to begin with, balanced manually, leaving not more than 5 per cent gaps between generated and estimated row and column totals. For manual balancing industry totals for the year 2007-08 from NAS 2011 are used to derive the commodity controls from the make matrix. This matrix provides the commodity outputs at ex-factory price. The estimated row totals are obtained by adding distributive margins comprising of trade, transport and net indirect taxes to the commodity outputs obtained from the Make Matrix, while the estimated column totals are the outputs of the industries at factor cost. Due to non availability of commodity wise detailed data on trade and transport margins for the year 2007-08, margins have been arrived at, using the same ratios in 2003-04. Detail commodity-wise data from Railways board for the year 2007-08 has been used for obtaining the Railways margins.

Input-Output Table (IOT) at Producers' Price

A1.9 After the manual balancing, trade and the respective transport margins which are in vector form are converted into matrices making use of the proportions of the input flow matrix at purchasers' price. While preparing these matrices, the CIS and imports columns are not considered. The trade margin and the respective transport margin matrices are consolidated to obtain the combined trade-transport margin matrix. This combined margin matrix is subtracted from the input flow matrix at purchasers' price to arrive at input flow matrix at producers' price. Since the input flows at purchasers' price include the margins in the input values, the corresponding rows have no entries except for traveling cost in case of transport. For the input flow matrix at producers' price, values of the margins (trade, and the respective transport) are added to the entries against these services.

A1.10 The row and the column total gaps have been adjusted by manual balancing only. For manual balancing, controls of input are formed up based on the industry wise group totals of NAS 2011 for the year 2007-08 and further disaggregated based on the requisite sample ratios arrived from the data processing. The row control totals which are commodity-wise, intermediate uses match with the column control totals which are industry wise total inputs. Thus, the balanced inflow matrix at Producer's Price is obtained. Before applying the RAS (Richard and Stone) technique, it is checked that the aggregated row control totals tally with the aggregated column control totals. These row control totals are the commodity-wise intermediate uses and the column control totals are the industry-wise total inputs. Thus, the balanced input flow matrix at producers' price is obtained.

Input-Output Table (IOT) at Factor Cost

A1.11 IOT at factor cost is finally obtained by subtracting the matrix of net indirect taxes from the balanced input flow matrix at producers' price and introducing the net indirect taxes as a new row. These indirect taxes are taxes on inputs consumed by the respective industries.

A1.12 The matrix of net indirect taxes is obtained by adding the individual matrices of import duty, excise duty, export duty, sales tax and other taxes and subtracting the matrix of subsidies. To obtain these tax matrices, an import flow matrix has been prepared making use of the information on imported materials used in manufacturing industries collected in the ASI. Import duty matrix is based on the import flow matrix. The import duties are allocated to the different cells in a row of the import flow matrix in proportion to their magnitudes in the total import of the corresponding commodity sector. In this allocation, change in stocks, exports and of course the imports have been excluded. Export duties on exports are allocated to export column under final use. Excise duty has been allocated to different consuming industry sectors and final uses (excluding imports and change in stocks) on the basis of domestic flow matrix, obtained by subtracting the import flow matrix from the balanced input flow matrix at producers' price. Sales tax matrix is obtained on the basis of the input flow (domestic and imported combined) matrix at producers' price. Other indirect taxes have been appropriately allocated taking into account the nature of taxes. Subsidies are allocated to different consuming industry sectors and final use in proportion to the flow of relevant domestic indirect taxes (excluding import duties). Where subsidies are related to specific purpose, they are allocated to the respective cells of the domestic flow matrix.

Generation of Associated Matrices

A1.13 The Absorption (*commodity x industry*) and Make (*industry x commodity*) matrices provide the basic information for an input-output system. From these basic matrices, the *commodity x commodity* or *industry x industry* tables under different technology assumptions can be easily constructed. The usual associated matrices are: (i) *input-output coefficient* matrix derived from the *commodity x industry* matrix by dividing the column entries by the respective industry outputs (ii) *product mix* matrix derived from the make matrix by dividing the row entries by the respective industry outputs (presented as a transpose of this matrix, named 'C') (iii) *market share* matrix also derived from the make matrix by dividing column entries by the respective commodity outputs, named 'D' (iv) *commodity x commodity* matrices under *industry technology* and *commodity technology* assumption (v) *industry x industry* matrices under *industry technology* and *commodity technology* assumptions and (vi) *Leontief inverse* matrix which is used in the popular open static models for the projection purposes.

A1.14 In this Report, only commodity x commodity matrix under the industry technology assumption has been included (Table 6). The input-output coefficient, product mix and market share matrices are given as Matrix 3, 4 and 5 respectively. The Leontief Inverse for commodities is given as Matrix 7. In the presented Leontief Inverse, the coefficient matrix used related to *commodity x commodity* matrix generated under industry technology assumption. All the above matrices are presented at 130-sector classification.

APPENDIX 2

MATHEMATICAL EXPRESSION ON THE METHODOLOGY OF CONSTRUCTION OF INPUT –OUTPUT TABLES

A2.1 This Appendix gives a brief discussion of methods of obtaining *commodity x commodity* table and *industry x industry* table under alternative technology assumptions.

A2.2 The *commodity x commodity* input-output table is suitable for multisectoral projections where final demand estimates are obtained on commodity bases. The *industry x industry* input-output table is useful in detailed planning of industries whose products include by-products also. The two alternative assumptions for transferring of outputs of secondary products are (i) industry technology assumption where input structure of a secondary product is considered to be similar to that of the industry where it has been produced and (ii) commodity technology assumption where the input structure of the secondary product of an industry is assumed to be similar to that of the industry where it is produced. Besides these two main assumptions, sometimes mixed assumptions have to be followed, as all secondary products cannot just be based on only one type of technology assumption. Usually commodity technology assumption is followed for subsidiary products and industry technology assumption is appropriate for joint products and by-products.

A2.3 In a *commodity x commodity* table both rows and columns represent the commodity group sectors. If the secondary products of an industry group along-with the inputs are transferred to the industry group where they are the principal products, the resulting table is a *commodity x commodity* input-output table.

A2.4 In an *industry x industry* table, on the other hand, both rows and columns represent industry group sectors comprising of a mix of different commodity groups. The row of a sector in this table gives the supply of all products and secondary product (as a mix) produced by the corresponding industry group for different intermediate and final uses.

A2.5 The following gives briefly the methodology in mathematical terms for constructing such tables. The basic data available from industry input and output tabulations satisfy the following relationships:

$$\text{Input relations: } \quad q_j = \sum_k x_{jk} + f_j \quad (1)$$

$$\text{Output relations: } \quad q_j = \sum_i m_{ij} \quad (2)$$

$$g_i = \sum_j m_{ij} \quad (3)$$

Where

q_j = total output of j-th commodity group

g_i = total output (of all products and by-products) of the i-th industry group

f_j = final demand of the j-th commodity

x_{jk} = output of j-th commodity used as input in the k-th sector (industry group)

m_{ij} = output of j-th commodity produced by the i-th industry group
 The above symbols without subscript refer to the corresponding vectors

A2.6 A schematic arrangement of input-output data in a simplified accounting framework can be presented as follows:

	Commodities	Industries	Final demand	Total
Commodities		X	f	q
Industries	M			g
Primary inputs		y'		
Total	q'	g'		

A2.7 Here y denotes the column vector of y_j and y_j denotes the value of primary inputs (factor incomes) in the j-th industry. The superscript prime (') is used to denote the transpose.

A2.8 From this accounting data various other matrices can be derived further using the following notations:

A: *commodity x commodity* coefficient matrix

W: *commodity x commodity* flow matrix recording the value of purchase of commodities by commodities

B: *commodity x industry* coefficient matrix, values in the absorption matrix expressed as coefficients

$$B = X (g)^{-1}$$

C: *Product mix* matrix, columns of which show proportions in which a particular industry produces various commodities

$$C = M' (g)^{-1}$$

where g = diagonal matrix with diagonal elements as the elements of vector g

D: *Market share* matrix, the columns of which show proportions in which various industries produce the total output of a particular commodity

$$D = M (q)^{-1}$$

where q = diagonal matrix with diagonal elements as the elements of vector q

E: *industry x industry* coefficient matrix

Z: *industry x industry* flow matrix recording the value of purchases of industry outputs by industries

e: final demand for the outputs of industries.

A2.9 The derived matrices can be conveniently seen in the following schematic arrangement:

	Commodities	Industries	Final demand
Commodities	A $W=Aq$ $=BDq=BM$	$B = X(g)^{-1}$	
Industries	$C = M'(g)^{-1}$ $D = M(q)^{-1}$	E $Z = Eg$	e

A2.10 According to the method suggested in “System of National Accounts”, Studies in Method Series F.No.2, Revision 3, 1968 (UN), *commodity x commodity* table and *industry x industry* table under the two technology assumptions can be derived as under;

Commodity x commodity table:

Commodity technology: $q = (BC^{-1}) q + f$, $W = (BC^{-1}) q$

Industry technology: $q = (BD) q + f$, $W = (BD) q$

Industry x industry table:

Commodity technology: $g = (C^{-1} B) g + e$, $Z = (C^{-1} B) g$

Industry technology: $g = (D B) g + e$, $Z = (DB) g$

A2.11 For commodity technology assumption, the output or make matrix has to be square and non-singular so that inverse of the matrix could be obtained.

A2.12 In order to use *industry x industry* table under any of the assumptions, it is necessary to derive the final demand for the outputs of industries, ‘ e ’. However, information of final demand is invariably available on commodity rather than industry basis and in order to estimate the final demand for industry outputs ‘ f ’ has to be made industry-wise by multiplying it by the appropriate matrix. Thus under,

Commodity technology: $e = C^{-1} f$

Industry technology: $e = Df$

A2.13 The *commodity x commodity* table is found to be more suitable in most applications since demand is for a particular commodity or group of commodities and not for the mixed range of output of an industry and thus there is no need to transform the final demand vectors from one unit to another. Moreover, the calculated commodity outputs can be transformed using the market share or product mix matrix into industry output levels. This sequence of calculations makes an industry x industry table unattractive. Further, for a *commodity x commodity* table, transfers made under the commodity technology assumption, sometimes give rise to negative entries which are difficult to explain. Thus only *commodity x commodity* table under industry technology assumption has been presented in the present report.

Net indirect taxes for commodity x commodity table

A2.14 The input flow matrix at producers’ price can be considered as the sum of two matrices, (i) the input flow at factor cost and (ii) matrix of net indirect taxes. This matrix of net indirect taxes for *commodity x industry* table is denoted by T_1 .

A2.15 The matrix of net indirect taxes (T_2) for *commodity x commodity* table under the two technology assumptions can be derived in the same way as the *commodity x commodity* flow matrix is obtained from the input flow matrix as described in “Problems of input-output tables and analysis” Studies in Methods - Series F.No. 14, Revision 1, 1966 (UN).

Thus under,

$$\begin{aligned} \text{Commodity technology} & : T_2 = T_1 (g)^{-1} C^{-1} q \\ \text{Industry technology} & : T_2 = T_1 (g)^{-1} D q \end{aligned}$$

A2.16 The column totals of the net indirect tax matrix T_2 represent the total net indirect taxes on inputs consumed by various commodity groups and also on the categories of final demand. These net indirect tax totals are presented as a row at the bottom of the *commodity x commodity* table.

Value added for *commodity x commodity* table

A2.17 In National Accounts Statistics, the estimates of gross value added are prepared according to different industry groups. However, for *commodity x commodity* table the estimates of gross value added according to different commodity groups are required. In what follows, the necessary details are presented to derive the vector of gross value added for *commodity x commodity* table.

A2.18 In the notations used so far, the set of industry cost equations can be expressed in the form

$$g = y + g B' i \quad (4)$$

where i denotes the unit column vector

A2.19 The set of commodity cost equations can be expressed similarly in the form

$$q = l + q A' i \quad (5)$$

where l denotes the vector of gross value added corresponding to different commodity groups.

pre-multiplying (5) by D , we obtain

$$Dq = Dl + D q A' i \quad (6)$$

Under **commodity technology** assumption, $A = BC^{-1}$

$$\text{Also } M = Dq \text{ and } M' = Cg$$

Thus from (6), we get

$$\begin{aligned} g &= Dl + D q (C^{-1})' B' i && \text{since } g = Dq \\ &= Dl + M (C')^{-1} B' i \\ &= Dl + MM^{-1} g B' i \\ &= Dl + g B' i \end{aligned} \quad (7)$$

On comparing (4) and (7), we see that

$$y = Dl$$

Hence

$$l = D^{-1} y$$

Similarly, on pre-multiplying (5) by C^{-1} , we obtain

$$C^{-1}q = C^{-1}l + C^{-1}qA'i \quad (8)$$

Under **industry technology** assumption, $A = BD$

Thus (8) becomes

$$C^{-1}q = C^{-1}l + C^{-1}qD'B'i$$

or

$$\begin{aligned} g &= C^{-1}l + g(M')^{-1}qD'B'i \\ &= C^{-1}l + g(D')^{-1}D'B'i \\ &= C^{-1}l + gB'i \end{aligned} \quad (9)$$

On comparing (4) and (9), we see that

$$\begin{aligned} y &= C^{-1}l \\ \text{or } l &= Cy \end{aligned}$$

Therefore under,

Commodity technology: $l = D^{-1}y$

Industry technology: $l = Cy$

Mixed Assumptions:

A2.20 For mixed assumption, the output matrix would be divided into two parts, such as

$$M = M_1 + M_2$$

Where M_2 is a matrix of those by-products which are to be transferred on the assumption of industry technology and the element of M_1 are outputs which, it seems reasonable to treat on the assumption of commodity technology. The formation of $M_1 + M_2$ involves splitting individual elements of M , since these elements may contain a mixture of products not all of which are to be treated in the same way.

A2.21 With this decomposition of M , we would have

commodity x commodity table: $q = l(BR)q + f$

industry x industry table : $g = (RB)g + Rf$

where $R = C^{-1}(I - D_2^{-1}) + D_2$;

D_2^{-1} denote a diagonal matrix formed from the vector of D_2

A2.22 Since R involves the matrix C_1^{-1} , the matrices C_1 and D_2 must be square matrices of the same order.

A2.23 It may further be mentioned that C_1 and D_2 are matrices similar to C and D except that they are now based on M_1 and M_2 respectively using q_1 vector in case of C_1 , but q vector in case of D_2 .

APPENDIX 3

SECTOR SPECIFICATION FOR THE INPUT-OUTPUT TABLE, 2007-08

IOT Sec. No.	Name	Specification
001	Paddy	Paddy, rice milling
002	Wheat	Wheat, flour milling
003	Jowar	Jowar
004	Bajra	Bajra
005	Maize	Maize
006	Gram	Gram
007	Pulses	Milled and unmilled tur, urad, moong, matar, masur and gram dal including flour
008	Sugarcane	Sugarcane, gur (indigenous production)
009	Groundnut	Groundnut
010	Coconut	Coconut, copra
011	Other Oil Seeds	Other Oil Seeds
012	Jute	Raw jute
013	Cotton	Raw cotton
014	Tea	Tea plantation
015	Coffee	Coffee plantation
016	Rubber	Rubber plantation
017	Tobacco	Tobacco plantation
018	Fruits	Fruits
019	Vegetables	Vegetables
020	Other crops	Other cereals and their milling, mesta, sannhemp, dry chillies, black pepper, dry ginger, turmeric, indigo, opium, cardamom, other fibbers, other sugars, other dyes and tanning materials, other drugs and narcotics, other condiments and spices, fodder, grass, rice bran, rice husk, straw and stalks, badges, cane trash and miscellaneous food and non-food crops.
021	Milk and milk products	Milk consumed as such, ghee, butter, lassi
022	Animal Services (agri-cultural)	Agricultural animal services by rural bullocks and camels
023	Poultry & Eggs	Eggs, poultry meat, increment in poultry

IOT Sec. No.	Name	Specification
024	Other livestock products	Production of meat, mutton, pork and glands, other meat products, raw hides and skins, animal hair, bristles, wool, honey, silk worm cocoons, bones, horns, hoofs, dung fuel & manure, increment in livestock
025	Forestry and logging	Planting, replanting, conservation of forests, production of fuel including charcoal, felling and cutting of trees, hewing or rough shaping of poles, blocks etc. And transportation of logs upto the permanent lines of transport, industrial wood (timber, match and pulp wood) bamboo, sandal wood, gathering of uncultivated materials such as gums, lacs, resins, forest grown fruits, nuts, herbs, barks and cane, gobar gas
026	Fishing	Rearing and catching of fish, seaweeds, shells, pearls, sponges etc. Fish curing viz; salting and sundrying of fish
027	Coal and lignite	Coal and lignite mining
028	Natural gas	Natural gas
029	Crude petroleum,	Crude petroleum
030	Iron ore	Iron ore mining
031	Manganese ore	Manganese ore mining
032	Bauxite	Bauxite mining
033	Copper ore	Copper ore mining
034	Other metallic minerals	Chromite, lead and zinc ore, silver ores, gold ores, ilmenite and rutile
035	Lime stone	Lime stone mining
036	Mica	Mica mining
037	Other non metallic minerals	Dolomite, apatite, asbestos, barytes, chinaclay, gypsum, kyanite, magnesite, diamond, calcite, ochre, garnet, graphite, feldspar, fireclay, flourite, quartz and silica, sillimanite, steatite, minor minerals, salt mining and quarrying, sand and stone quarrying, mining of clay, sandpits, chemical and fertilizer, mineral mining, precious and semi precious stone mining
038	Sugar	Manufacture and refining of sugar
039	Khandsari, boora	Boora, candy and khandsari
040	Hydrogenated oil (vanaspati)	Hydrogenated oils, vanaspati ghee
041	Edible oils other than vanaspati	Edible oils such as linseed oil, mustard oil, sesamum oil, coconut oil, groundnut oil, cotton seed oil, til oil, mahua oil etc.
042	Tea and coffee processing	Blended and unblended black tea leaf grade, dust and waste, coffee curing, roasting and grinding

IOT Sec. No.	Name	Specification
043	Miscellaneous food products	P reservation, processing and canning of meat, milk foods and manufacture of dairy products, manufacture of fruit juice, jams, jellies, pickles and canning and bottling of fruits and vegetables, canning, preserving and processing of fish, crustacea and similar foods, manufacture of bakery products, production of common salt, manufacture of cocoa, chocolate, sugar confectionery and sweetmeats, cashewnut drying, shelling, roasting, salting etc., Manufacture of ice, prepared cattle, poultry and other animal feeds, starch processed from maize, tapioca, tamarind, potato etc., Manufacture of malted foods, grinding and processing of spices, papads, appalam, egg powder, semi-processed foods and instant foods, sago and sago products, vitaminised high protein flour (multi purpose foods), frying of dals, nuts and foods n.e.c., Residuary snacks n.e.c., Other food processing activities
044	Beverages	D istilling, rectifying and blending of spirits, wines, beer, malt, liquors, other malt country liquor, toddy, manufacture of aerated drinks, aerated natural flavoured syrups, synthetic flavoured syrups, fruit juices and beverages n.e.c.
045	Tobacco products	T obacco stemming, redrying, grading etc. And manufacture of bidi, cigars, cigarette, cheroots, cigarette tobacco, chewing tobacco, zarda and snuff
046	Khadi, cotton textiles in hand-looms	C otton spinning in charkha, khadi weaving and finishing of cotton textiles in handlooms
047	Cotton textiles	C otton ginning, cleaning and baling, spinning, weaving and finishing of cotton textiles in mills and power looms, printing, dyeing and bleaching of cotton textiles, cotton textiles n.e.c.
048	Woolen textiles	W ool cleaning, baling and pressing, wool spinning, weaving etc. (handloom, powerlooms and mills), dyeing, bleaching and manufacture of woollen blankets, shawls, felts and others
049	Silk textiles	S pinning, weaving, finishing, printing, dyeing and bleaching of silk textiles
050	Art silk, synthetic fibre textiles	S pinning, weaving and finishing of synthetic fibres, rayons, nylons etc., Printing, dyeing and bleaching of synthetic textiles, other silk and synthetic fibre textiles
051	Jute, hemp, mesta textiles	P ressing, baling, spinning and weaving, finishing of jute, mesta, hemp and other coarse fibre, dyeing, printing and bleaching of jute textiles, manufacture of jute bags and other jute textiles

IOT Sec. No.	Name	Specification
052	Carpet weaving	Weaving carpets, rugs, durries and others
053	Ready made garments and made up textile goods	Readymade garments, clothing and tailoring, made up textile goods, curtains, bed covers, furnishings, mosquito nets
054	Miscellaneous textile products	Cotton, woollen and synthetic fibres knitting in mills or otherwise, thread and thread ball making, jute, cotton, hemp, sisal, nylon rope, cordage and twines, nets, webbing, narrow fabrics, embroidery work, laces, fringes, zari and zari products, manufacture of rain coats, hats, umbrellas etc., Oil cloth, rubberised cloth, tarpaulin, artificial leather, made-up canvas goods, coir fibre, yarn and coir products, linoleum and similar products, gas mantles and other textiles viz. Bandage, gauze, dressing cloth
055	Furniture and fixtures-wooden	Wooden, bamboo, cane furniture and fixtures and repair of such furniture
056	Wood and wood products except furniture	Manufacture of veneer, plywood and their products, sawing and planing of wood, container made of wood, cane, bamboo, reed etc., structural wooden goods such as beams, posts etc., Wooden industrial goods, cork and cork products and miscellaneous wood, bamboo and cane products
057	Paper, paper products and newsprint	Manufacture of machine made and made pulp, paper and paper board including newsprint, containers and boxes of paper and paper board, miscellaneous pulp products, paper and paper board articles
058	Printing, publishing and allied activities	Printing and publishing of newspapers, periodicals, books, journals, atlases, maps, sheet music, directories, bank notes, currency notes, postage stamps, security passes, engraving, etching, block making, book binding, allied activities like envelope printing, picture post card printing, embossing
059	Leather footwear	Manufacture and repair of leather footwear, leather-cum-rubber/plastic cloth footwear
060	Leather and leather products except footwear	Tanning, curing, finishing, embossing and japanning of leather, manufacture of wearing apparel and consumer goods of leather and substitutes of leather, scrapping curving and tanning, bleaching, dyeing of fur and other pelts, manufacture of wearing apparel, rugs and other articles of fur and pelts
061	Rubber products	Rubber tyres and tubes for motor vehicles, tractors, aircraft, scooters, motor cycles and cycles and other rubber and plastic footwear, rubber surgical and medical equipment, rubber contraceptives, rubber pipes, balloons, rubber industrial and domestic goods and misc. Rubber products

IOT Sec. No.	Name	Specification
062	Plastic products	Plastic moulded goods and such as containers, sheets, nets, cords, polythene bags, spectacles frames, industrial accessories, domestic goods and miscellaneous plastic products
063	Petroleum products including L.P.G	Products of petroleum refineries, Manufacture of L.P.G in gasworks and distribution through mains to household, industrial and commercial and other users.
064	Coal tar products	Coke and other coal tar products
065	Inorganic heavy chemicals	Basic heavy inorganic chemicals
066	Organic heavy chemicals	Basic heavy organic chemicals
067	Fertilizers	Inorganic, organic, mixed and other fertilizers
068	Pesticides	Insecticides, fungicides, weedicides and pesticides formulations
069	Paints, varnishes and lacquers	Paints, varnishes, lacquers and dyestuffs, waxes and polishes
070	Drugs and medicines	Drugs and medicines - allopathic, ayurvedic, unani, homoeopathic and others
071	Soaps, cosmetics, glycerine	Soaps, perfumes, cosmetics, toothpastes, soap in any form and other toilet aids, glycerine and detergents
072	Synthetic fibres, resin	Turpentine, resin, synthetic resin plastic materials and synthetic fibres like celluloid nylon, terylene and miscellaneous products of fermentation industries other than alcohol
073	Other chemicals	Inedible vegetable oils including solvent extracted oils, animal oils and fats, matches, explosives, ammunition, safety fuses, fire-works, photochemical materials, sensitised films and paper, fine chemicals, drug and dye intermediaries, glue and galatine, shellac, synthetic sweeteners, textile chemical auxiliaries and other chemical products
074	Structural clay products	Structural clay products such as fire bricks, refractories, tiles and others
075	Cement	Cement
076	Other non-metallic mineral products	Manufacture of glass and glass products, earthenware and pottery, chinaware, sanitaryware, porcelainware, insulators, lime and plaster, mica products, structural stone goods, stoneware, stone dressing and crushing, earthen and later statues and products, asbestos cement and its products, slate

IOT Sec. No.	Name	Specification
		products, cement and concrete products, abrasives, graphite products, mineral wool, silica products and other non-metallic mineral products
077	Iron and steel ferro alloys	Iron and steel, special steel and ferro-alloys
078	Iron and steel casting and forging	Iron and steel castings and forgings
079	Iron and steel foundries	Iron and steel structurals, pipes, plates, wire drawings, tools and others
080	Non-ferrous basic metals (including alloys)	Melting, refining, rolling into basic forms, wire drawings etc. Of non-ferrous basic metals and alloys
081	Hand tools, hardware	Hand tools, bolts, nuts, locks, metal chains, agricultural hand tools and implements, general hardware
082	Miscellaneous metal products	Metal containers, steel trunks, safes, vaults, sanitary and plumbing fixtures and fittings of metal, stoves, hurricane lanterns, welded products, enamelling, galvanising, plating and polishing of metal products, metal utensils, cutlery and kitchenware, metal furniture and fixtures, blades, springs, art metal ware, other metal products
083	Tractors and other agricultural implements	Tractors and other agricultural machinery, equipment and implements
084	Industrial machinery for food and textile industries	Rice, dal, flour and oil mill machinery, sugar machinery, tea machinery, textile machinery and jute machinery
085	Industrial machinery (except food and textile)	Pharmaceutical machinery, chemical machinery, paper machinery, mining machinery, cement machinery
086	Machine tools	Automatic, capstans, turrets and lathes, boring, broaching, drilling and threading machines, milling, planing, shaping, gear cutting and slotting machines, grinding, lapping, honing and polishing machines, sawing, filling and cut-off machines, metal forming machinery and other metal work machine tools

IOT Sec. No.	Name	Specification
087	Other non-electrical machinery	Drills, coal cutting machines, earth moving, lifting and hoisting machinery, cranes, conveyors and road rollers and other heavy machinery and equipment used by construction and mining industries, prime movers, boilers and steam generating plants such as diesel engines, refrigerating, air conditioning plants for industrial use, domestic air conditioners and refrigerators, fire fighting equipment and appliances including fire engines, conveying equipment such as bucket elevators, derrick and size reduction equipment like crushers, ball mills etc., Centrifugal machines, pumps, air and gas compressors and vacuum pumps, ball roller and tapered bearings, speed reduction units, sewing and knitting machines, washing machines, filtration and distillation equipment, arms and armaments and miscellaneous non-electrical machinery and their repair services
088	Electrical industrial machinery	Generators, transformers, switch gears, electric motors
089	Electrical cables, wires	Insulated cables and wires
090	Batteries	Storage batteries, dry cells
091	Electrical appliances	Electrical fans, lamps, flourescent tubes miniature lamps, household appliances like iron, heaters etc. And their repair services
092	Communication equipment	Manufacture of wireless communication apparatus, manufacture of radios, teleprinters, telephones, telegraph equipment, phonographs and record changers, manufacture of parts and accessories and other including public address equipment
093	Other electrical machinery	Manufacture and repair of radiographic X-ray apparatus and tubes and parts, manufacture of light fittings, emergency lighting equipment, flash lights, stage lighting equipment, electric furnaces and oven telescopic aerials and parts and accessories
094	Electronic equipment including TV	Manufacture of television sets, electronic computers, electronic control instruments, other parts and accessories
095	Ships and boats	Making of ships and other vessels drawn by power, boat building, and their repairing
096	Rail equipment	Manufacture of diesel locomotives, steam locomotives, electric locomotives, railway coaches, wagons, parts and accessories

IOT Sec. No.	Name	Specification
097	Motor vehicles	Manufacture of motor cars, buses, trucks, jeeps, station wagons and parts and repair of motor vehicles
098	Motor cycles and scooters	Manufacture of motor cycles, scooters and scooterettes parts and accessories and their repair
099	Bicycles, cycle-rickshaw	Manufacture of cycles, cycle rickshaws and repair of bicycles and cycle-rickshaw
100	Other transport equipment	Manufacture of other rail-road equipment, tramway works, bullock carts, push-carts, hand-carts and transport equipment not elsewhere classified
101	Watches and clocks	Manufacture of clocks, table time pieces, watches and their parts and repair of watches and clocks
102	Medical Precision, Optical Instruments	Manufacture of surgical, medical, laboratory scientific and mathematical instruments, Photographic and optical goods (excluding photochemical, sensitised paper and film),
103	Gems & Jewelry	Gems, jewelry and related articles, imitation jewelry & novelties
104	Aircrafts & Spacecrafts	Manufacture of aircraft , Spacecrafts, and parts and repair
105	Miscellaneous manufacturing	Water meters, steam meters and electricity meters, recording and regulating devices for pressure, temperature, weight, level etc., minting coins, sports and athletic goods and play equipment, musical instruments, stationery articles like fountain pens, pencils, pens, pin cushions, tags, hair brushes, dusters, feather articles, signs and advertising displays, mechanical toys, other toys, bones, ivory, horns and similar products, wigs, costume, lampshades, presentation articles, badges and others, and repair of enterprises not elsewhere classified
106	Construction	Construction and maintenance of buildings, aerodromes, roads, railways, bridges, tunnels, pipelines, ports, harbours, runways communication systems, waterways, water reservoirs, hydro electric projects and industrial plants and activities allied to construction
107	Electricity	Generation and transmission of electric energy and its distribution to households, industrial and commercial and other users
108	Water supply	Collection, purification and distribution of water
109	Railway transport services	Government railways and Private railways
110	Land Transport including via Pipelines	Buses, tramways and pipelines, trucks, taxies, auto-rickshaws, animal services, urban bullock, urban buffalo, horses and other animals drawn carts, cycles, hand pulled rickshaw and pack animals,
111	Water Transport	Shipping transport by boats, steamer, ferry etc. by canal or rivers and unorganized water transport by sea

IOT Sec. No.	Name	Specification
112	Air Transport	Air Transport
113	Supportive and Auxiliary transport activities	Supportive and Auxiliary transport activities and Services incidental to transport activities.
114	Storage and warehousing	Warehousing, cold storage and storage and warehousing not elsewhere classified
115	Communication	Postal, telephones, telegraph services rendered by postal and telegraph department and overseas communication services
116	Trade	Wholesale and retail trade
117	Hotels and restaurants	Services rendered by hotels, boarding houses, eating houses, cafes, restaurants, canteen etc.
118	Banking	Commercial banks, banking department of RBI, other financial companies, industrial development and financial corporations, post office saving banks, cumulative time deposit accounts, cooperative credit societies
119	Insurance	Life insurance corporation, postal life insurance, employees state insurance and non-life insurance such as fire, marine, accidents etc.
120	Ownership of dwellings	Residential houses
121	Education and research	Education, scientific and research services
122	Medical and health	Medical and health services
123	Business Services	Accounting Services, Research and Development and other Business Services,
124	Computer Related Services	Computer Related Services
125	Legal Services	Legal Services
126	Real estate Activities	Real estate Activities
127	Renting of Machinery & Equipment	Renting of Machinery & Equipment
128	Community Social & Personal Services	Religious and community services, cultural services, personal services such as domestic services, laundry, dry-cleaning and dyeing, photographic studios, barber and beauty shops, funeral related activities, custom tailoring, hair dressing and other beauty treatment, washing and cleaning of textiles.

IOT Sec. No.	Name	Specification
129	Other Services	Sanitary services, recreation & entertainment, radio & TV broadcasting services, international and other territorial bodies and services not elsewhere classified.
130	Public administration and defence	Public administration and defence

Notes:

1. Sectors 001 to 020 also include agricultural and horticultural services such as harvesting, baling and threshing, husking and shelling, preparation for marketing, pest destroying and spraying, pruning, picking and operating irrigation systems.
2. Sectors 021 to 024 include breeding and rearing of animals and poultry including private veterinary services.
3. Sectors 027 to 037 include extraction, breaking, milling, washing, cleaning, grading and processing.

APPENDIX 4

AGGREGATED SECTOR CLASSIFICATION FOR THE INPUT-OUTPUT TABLE

Aggregated Sector no.	Description of aggregated sector	Sectors in APPENDIX 3
1	Food crops	1, 2, 3,4, 5, 6, 7
2	Cash crops	8, 9,11, 12, 13, 17
3	Plantation crops	10,14, 15, 16,18
4	Other crops	19,20
5	Animal husbandry	21, 22, 23,24
6	Forestry & logging	25
7	Fishing	26
8	Coal and lignite	27
9	Natural gas.	28
10	Crude petroleum. . .	29
11	Iron ore	30
12	Other minerals	31, 32,33, 34,35,36,37
	Sugar	38,39
13	Food products excluding sugar	40,41,42,43
14	Beverages	44
15	Tobacco products	45
16	Cotton textiles	46,47
17	Wool, silk & synthetic fibre textiles	48, 49,50
18	Jute, hemp and mesta textiles	51
19	Textiles products including wearing apparel..	52,53,54
20	Wood and wood products except furniture. . .	56
21	Furniture and fixture.	55
22	Paper and paper products.	57
23	Printing, publishing and allied activities. .	58
24	Leather and leather products.	59, 60
25	Plastic and rubber products.	61,62
26	Petroleum products	63
27	Coal tar products	64
28	Inorganic heavy chemicals	65
29	Organic heavy chemicals.	66
30	Fertilizers.	67

Aggregated Sector no.	Description of aggregated sector	Sectors in APPENDIX 3
31	Paints, varnishes and lacquers.	69
32	Pesticides, drugs and other chemicals. . . .	68, 70, 71, 72, 73
33	Cement.	75
34	Non-metallic mineral products.	74, 76
35	Iron & steel industries and foundries. . . .	77, 78, 79
36	Other basic metal industry.	80
37	Metal products except mach. & transport Equipment	81, 82
38	Agricultural machinery.	83
39	Industrial machinery for food and textiles. .	84
40	Other machinery.	85,86, 87
41	Electrical, electronic machinery & appliances.	88, 89, 90,91,92,93,94
42	Railway transport equipment.	96
43	Other transport equipment.	95, 97, 98, 99, 100
44	Miscellaneous manufacturing industries. . .	101,102,103,104,105
45	Construction.	106
46	Electricity.	107
47	Water supply.	108
48	Railway transport services.	109
49	Other transport services.	110,111,112,113
50	Storage and warehousing.	114
51	Communication.	115
52	Trade.	116
53	Hotels and restaurants.	117
54	Banking.	118
55	Insurance.	119
56	Ownership of dwellings.	120
57	Education and research.	121
58	Medical and health.	122
59	Other services.	123,124,125,126,127,128,129
60	Public administration and defence.	130

APPENDIX 5

CONCORDANCE BETWEEN SECTORS OF THE INPUT-OUTPUT TABLE 1998-99 and 2007-08

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
001	001	Paddy	Paddy, rice milling
002	002	Wheat	Wheat, flour milling
003	003	Jowar	Jowar
004	004	Bajra	Bajra
005	005	Maize	Maize
006	006	Gram	Gram
007	007	Pulses	Milled and unmilled tur, urad, moong, matar, masur and gram dal including flour
008	008	Sugarcane	Sugarcane, gur (indigenous production)
009	009	Groundnut	Groundnut
015	010	Coconut	Coconut, copra
Part 17	011	Other Oil Seeds	Other Oil Seeds
010	012	Jute	Raw jute
011	013	Cotton	Raw cotton
012	014	Tea	Tea plantation
013	015	Coffee	Coffee plantation
014	016	Rubber	Rubber plantation
016	017	Tobacco	Tobacco plantation
Part 17	018	Fruits	Fruits
Part 17	019	Vegetables	Vegetables
Part 17	020	Other crops	Other cereals and their milling, mesta, sannhemp, dry chillies, black pepper, dry ginger, turmeric, indigo, opium, cardamom, other fibbers, other dyes and tanning materials, other drugs and narcotics, other condiments and spices, fodder, grass, rice bran, rice husk, straw and stalks, badges, cane trash and miscellaneous food and non food crops.
018	021	Milk and milk products	Milk consumed as such, ghee, butter, lassi
019	022	Animal Services (agricultural)	Agricultural animal services by rural bullocks and camels
Part 20	023	Poultry & Eggs	Eggs, poultry meat, increment in poultry
Part 20	024	Other livestock products	Production of meat, mutton, pork and glands, other meat products, raw hides and skins, animal hair, bristles, wool, honey, silk worm cocoons, bones, horns, hoofs, dung fuel & manure, increment in livestock

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
021	025	Forestry and logging	Planting, Replanting, Conservation of Forests, production of fuel including charcoal, felling and cutting of trees, hewing or rough shaping of poles, blocks etc. and transportation of logs upto the permanent lines of transport, industrial wood (timber, match and pulp wood) bamboo, sandal wood, gathering of uncultivated materials such as gums, lacs, resins, forest grown fruits, nuts, herbs, barks and cane, gobar gas.
022	026	Fishing	Rearing and catching of fish, seaweeds, shells, pearls, sponges etc. Fish curing viz; salting and sundrying of fish
023	027	Coal and Lignite	Coal and lignite mining
024	028	Natural gas	Natural gas
024	029	Crude petroleum,	Crude petroleum
025	030	Iron ore	Iron ore mining
026	031	Manganese ore	Manganese ore mining
027	032	Bauxite	Bauxite mining
028	033	Copper ore	Copper ore mining
029	034	Other metallic minerals	Chromite, lead and zinc ore, silver ores, gold ores, ilmenite and rutile
030	035	Lime stone	Lime stone mining
031	036	Mica	Mica mining
032	037	Other non metallic minerals	Dolomite, apatite, asbestos, barytes, chinaclay, gypsum, kyanite, magnesite, diamond, calcite, ochre, garnet, graphite, feldspar, fireclay, flourite, quartz and silica, sillimanite, steatite, minor minerals, salt mining and quarrying, sand and stone quarrying, mining of clay, sandpits, chemical and fertilizer, mineral mining, precious and semi precious stone mining
033	038	Sugar	Manufacture and refining of sugar
034	039	Khandsari, boora	Boora, candy and khandsari
035	040	Hydrogenated oil (Vanaspati)	Hydrogenated oils, vanaspati ghee
036	041	Edible oils other than vanaspati	Edible oils such as linseed oil, mustard oil, sesamum oil, coconut oil, groundnut oil, cotton seed oil, til oil, mahua oil etc.
037	042	Tea and coffee processing	Blended and unblended black tea leaf grade, dust and waste, coffee curing, roasting and grinding

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
038	043	Miscellaneous food products	Preservation, processing and canning of meat, milk foods and manufacture of dairy products, manufacture of fruit juice, jams, jellies, pickles and canning and bottling of fruits and vegetables, canning, preserving and processing of fish, crustacea and similar foods, manufacture of bakery products, production of common salt, manufacture of cocoa, chocolate, sugar confectionery and sweetmeats, cashewnut drying, shelling, roasting, salting etc., Manufacture of ice, prepared cattle, poultry and other animal feeds, starch processed from maize, tapioca, tamarind, potato etc., Manufacture of malted foods, grinding and processing of spices, papads, appalam, egg powder, semi processed foods and instant foods, sago and sago products, vitaminised high protein flour (multi purpose foods), frying of dals, nuts and foods n.e.c., Residuary snacks n.e.c., Other food processing activities
039	044	Beverages	Distilling, rectifying and blending of spirits, wines, beer, malt, liquors, other malt country liquor, toddy, manufacture of aerated drinks, aerated natural flavoured syrups, synthetic flavoured syrups, fruit juices and beverages n.e.c.
040	045	Tobacco products	Tobacco stemming, redrying, grading etc. And manufacture of bidi, cigars, cigarette, cheroots, cigarette tobacco, chewing tobacco, zarda and snuff
041	046	Khadi, cotton textiles in hand-looms	Cotton spinning in charkha, khadi weaving and finishing of cotton textiles in handlooms
042	047	Cotton textiles	Cotton ginning, cleaning and baling, spinning, weaving and finishing of cotton textiles in mills and power looms, printing, dyeing and bleaching of cotton textiles, cotton textiles n.e.c.
043	048	Woolen textiles	Wool cleaning, baling and pressing, wool spinning, weaving etc. (handloom, powerlooms and mills), dyeing, bleaching and manufacture of woollen blankets, shawls, felts and others
044	049	Silk textiles	Spinning, weaving, finishing, printing, dyeing and bleaching of silk textiles
045	050	Art silk, synthetic fibre textiles	Spinning, weaving and finishing of synthetic fibres, rayons, nylons etc., Printing, dyeing and bleaching of synthetic textiles, other silk and synthetic fibre textile

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
046	051	Jute, hemp, Mesta Textiles	Pressing, baling, spinning and weaving, finishing of jute, mesta, hemp and other coarse fibre, dyeing, printing and bleaching of jute textiles, manufacture of jute bags and other jute textiles
047	052	Carpet weaving	Weaving carpets, rugs, durries and others
048	053	Ready made garments and made up textile goods	Readymade garments, clothing and tailoring, made up textile goods, curtains, bed covers, furnishings, mosquito nets
049	054	Miscellaneous textile products	Cotton, woollen and synthetic fibres knitting in mills or otherwise, thread and thread ball making, jute, cotton, hemp, sisal, nylon rope, cordage and twines, nets, webbing, narrow fabrics, embroidery work, laces, fringes, zari and zari products, manufacture of rain coats, hats, umbrellas etc., Oil cloth, rubberised cloth, tarpaulin, artificial leather, made up canvas goods, coir fibre, yarn and coir products, linoleum and similar products, gas mantles and other textiles viz. Bandage, gauze, dressing cloth
050	055	Furniture and fixtures wooden	Wooden, bamboo, cane furniture and fixtures and repair of such furniture
051	056	Wood and wood products except furniture	Manufacture of veneer, plywood and their products, sawing and planing of wood, container made of wood, cane, bamboo, reed etc., structural wooden goods such as beams, posts etc., Wooden industrial goods, cork and cork products and miscellaneous wood, bamboo and cane products
052	057	Paper, paper products and newsprint	Manufacture of machine made and made pulp, paper and paper board including newsprint, containers and boxes of paper and paper board, miscellaneous pulp products, paper and paper board articles
053	058	Printing, publishing and allied activities	Printing and publishing of newspapers, periodicals, books, journals, atlases, maps, sheet music, directories, bank notes, currency notes, postage stamps, security passes, engraving, etching, block making, book binding, allied activities like envelope printing, picture post card printing, embossing
054	059	Leather footwear	Manufacture and repair of leather footwear, leather cum rubber/plastic cloth footwear

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
055	060	Leather and leather products except footwear	Tanning, curing, finishing, embossing and japanning of leather, manufacture of wearing apparel and consumer goods of leather and substitutes of leather, scrapping curving and tanning, bleaching, dyeing of fur and other pelts, manufacture of wearing apparel, rugs and other articles of fur and pelts
056	061	Rubber products	Rubber tyres and tubes for motor vehicles, tractors, aircraft, scooters, motor cycles and cycles and other rubber and plastic footwear, rubber surgical and medical equipment, rubber contraceptives, rubber pipes, balloons, rubber industrial and domestic goods and misc. Rubber products
057	062	Plastic products	Plastic moulded goods and such as containers, sheets, nets, cords, polythene bags, spectacles frames, industrial accessories, domestic goods and miscellaneous plastic products
058	063	Petroleum products including L.P.G	Products of Petroleum refineries, Manufacture of L.P.G in gasworks and distribution through mains to household, industrial and commercial and other users.
059	064	Coal tar products	Coke and other coal tar products
060	065	Inorganic heavy chemicals	Basic heavy inorganic chemicals
061	066	Organic heavy chemicals	Basic heavy organic chemicals
062	067	Fertilizers	Inorganic, organic, mixed and other fertilizers
063	068	Pesticides	Insecticides, fungicides, weedicides and pesticides formulations
064	069	Paints, varnishes and lacquers	Paints, varnishes, lacquers and dyestuffs, waxes and polishes
065	070	Drugs and medicines	Drugs and medicines allopathic, ayurvedic, unani, homoeopathic and others
066	071	Soaps, cosmetics, glycerine	Soaps, perfumes, cosmetics, toothpastes, soap in any form and other toilet aids, glycerine and detergents
067	072	Synthetic fibres, resin	Turpentine, resin, synthetic resin plastic materials and synthetic fibres like celluloid nylon, terylene and miscellaneous products of fermentation industries other than alcohol

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
068	073	Other chemicals	Inedible vegetable oils including solvent extracted oils, animal oils and fats, matches, explosives, ammunition, safety fuses, fire works, photochemical materials, sensitised films and paper, fine chemicals, drug and dye intermediaries, glue and galatine, shellac, synthetic sweeteners, textile chemical auxiliaries and other chemical products
069	074	Structural clay products	Structural clay products such as fire bricks, refractories, tiles and others
070	075	Cement	Cement
071	076	Other non metallic mineral products	Manufacture of glass and glass products, earthenware and pottery, chinaware, sanitaryware, porcelainware, insulators, lime and plaster, mica products, structural stone goods, stoneware, stone dressing and crushing, earthen and later statues and products, asbestos cement and its products, slate products, cement and concrete products, abrasives, graphite products, mineral wool, silica products and other non metallic mineral products
072	077	Iron and steel ferro alloys	Iron and steel, special steel and ferro alloys
073	078	Iron and steel casting and forging	Iron and steel castings and forgings
074	079	Iron and steel foundries	Iron and steel structurals, pipes, plates, wire drawings, tools and others
075	080	Non ferrous basic metals (including alloys)	Melting, refining, rolling into basic forms, wire drawings etc. Of non ferrous basic metals and alloys
076	081	Hand tools, hardware	Hand tools, bolts, nuts, locks, metal chains, agricultural hand tools and implements, general hardware
077	082	Miscellaneous metal products	Metal containers, steel trunks, safes, vaults, sanitary and plumbing fixtures and fittings of metal, stoves, hurricane lanterns, welded products, enamelling, galvanising, plating and polishing of metal products, metal utensils, cutlery and kitchenware, metal furniture and fixtures, blades, springs, art metal ware, other metal products
078	083	Tractors and other agricultural implements	Tractors and other agricultural machinery, equipment and implements
079	084	Industrial machinery for food and textile industries	Rice, dal, flour and oil mill machinery, sugar machinery, tea machinery, textile machinery and jute machinery

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
080	085	Industrial machinery (except food and textile)	Pharmaceutical machinery, chemical machinery, paper machinery, mining machinery, cement machinery
081	086	Machine tools	Automatic, capstans, turrets and lathes, boring, broaching, drilling and threading machines, milling, planing, shaping, gear cutting and slotting machines, grinding, lapping, honing and polishing machines, sawing, filling and cut off machines, metal forming machinery and other metal work machine tools
082	Part 105		
083	087	Other non electrical machinery	Drills, coal cutting machines, earth moving, lifting and hoisting machinery, cranes, conveyors and road rollers and other heavy machinery and equipment used by construction and mining industries, prime movers, boilers and steam generating plants such as diesel engines, refrigerating, air conditioning plants for industrial use, domestic air conditioners and refrigerators, fire fighting equipment and appliances including fire engines, conveying equipment such as bucket elevators, derrick and size reduction equipment like crushers, ball mills etc., Centrifugal machines, pumps, air and gas compressors and vacuum pumps, ball roller and tapered bearings, speed reduction units, sewing and knitting machines, washing machines, filtration and distillation equipment, arms and armaments and miscellaneous non electrical machinery and their repair services
084	088	Electrical industrial machinery	Generators, transformers, switch gears, electric motors
085	089	Electrical cables, wires	Insulated cables and wires
086	090	Batteries	Storage batteries, dry cells
087	091	Electrical appliances	Electrical fans, lamps, fluorescent tubes miniature lamps, household appliances like iron, heaters etc. And their repair services
088	092	Communication equipment	Manufacture of wireless communication apparatus, manufacture of radios, teleprinters, telephones, telegraph equipment, phonographs and record changers, manufacture of parts and accessories and other including public address equipment

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
089	093	Other electrical machinery	Manufacture and repair of radiographic X ray apparatus and tubes and parts, manufacture of light fittings, emergency lighting equipment, flash lights, stage lighting equipment, electric furnaces and oven telescopic aerials and parts and accessories
090	094	Electronic equip-ment including TV	Manufacture of television sets, electronic computers, electronic control instruments, other parts and accessories
091	095	Ships and boats	Making of ships and other vessels drawn by power, boat building, and their repairing
092	096	Rail equipment	Manufacture of diesel locomotives, steam locomotives, electric locomotives, railway coaches, wagons, parts and accessories
093	097	Motor vehicles	Manufacture of motor cars, buses, trucks, jeeps, station wagons and parts and repair of motor vehicles
094	098	Motor cycles and scooters	Manufacture of motor cycles, scooters and scooterettes parts and accessories and their repair
095	099	Bicycles, cycle rickshaw	Manufacture of cycles, cycle rickshaws and repair of bicycles and cycle rickshaw
096	100	Other transport equipment	Manufacture of other rail road equipment, tramway works, bullock carts, push carts, hand carts and transport equipment not elsewhere classified
097	101	Watches and clocks	Manufacture of clocks, table time pieces, watches and their parts and repair of watches and clocks
Part 98	102	Medical Precision, Optical Instruments	Manufacture of surgical, medical, laboratory scientific and mathematical instruments, Photographic and optical goods (excluding photochemical, sensitised paper and film),
Part 98	103	Gems & Jewelry	Gems, jewelry and related articles, imitation jewelry & novelties
Part 98	104	Aircrafts & Spacecrafts	Manufacture of aircraft , Spacecrafts, and parts and repair
Part 98	105	Miscellaneous manufacturing	Water meters, steam meters and electricity meters, recording and regulating devices for pressure, temperature, weight, level etc., minting coins, sports and athletic goods and play equipment, musical instruments, stationery articles like fountain pens, pencils, pens, pin cushions, tags, hair brushes, dusters, feather articles, signs and advertising displays, mechanical toys, other toys, bones, ivory, horns and similar products, wigs, costume, lampshades, presentation articles, badges and others, and repair of enterprises not elsewhere classified

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
099	106	Construction	Construction and maintenance of buildings, aerodromes, roads, railways, bridges, tunnels, pipelines, ports, harbours, runways communication systems, waterways, water reservoirs, hydro electric projects and industrial plants and activities allied to construction
100	107	Electricity	Generation and transmission of electric energy and its distribution to households, industrial and commercial and other users
101	Part 24 and Part 63		
102	108	Water supply	Collection, purification and distribution of water
103	109	Railway transport services	Government railways and Private railways
Part 104	110	Land Transport including via Pipelines	Buses, tramways and pipelines, trucks, taxies, auto-rickshaws, animal services, urban bullock, urban buffalo, horses and other animals drawn carts, cycles, hand pulled rickshaw and pack animals,
Part 104	111	Water Transport	Shipping transport by boats, steamer, ferry etc. by canal or rivers and unorganized water transport by sea
Part 104	112	Air Transport	Air Transport
Part 104	113	Supportive and Auxiliary transport activities	Supportive and Auxiliary transport activities and Services incidental to transport activities.
105	114	Storage and warehousing	Warehousing, cold storage and storage and warehousing not elsewhere classified
106	115	Communication	Postal, telephones, telegraph services rendered by postal and telegraph department and overseas communication services
107	116	Trade	Wholesale and retail trade
108	117	Hotels and restaurants	Services rendered by hotels, boarding houses, eating houses, cafes, restaurants, canteen etc.
109	118	Banking	Commercial banks, banking department of RBI, other financial companies, industrial development and financial corporations, post office saving banks, cumulative time deposit accounts, cooperative credit societies
110	119	Insurance	Life insurance corporation, postal life insurance, employees state insurance and non life insurance such as fire, marine, accidents etc.
111	120	Ownership of dwellings	Residential houses
112	121	Education and research	Education, scientific and research services
113	122	Medical and health	Medical and health services

IOT (98-99) Sec. No	IOT (07-08) Sec. No.	Name	Specification
Part 114	123	Business Services	Accounting Services, Research and Development and other Business Services
Part 114	124	Computer Related Services	Computer Related Services
Part 114	125	Legal Services	Legal Services
Part 114	126	Real estate Activities	Real estate Activities
Part 114	127	Renting of Machinery & Equipment	Renting of Machinery & Equipment
Part 114	128	Community , Social & Personal Services	Religious and community services, cultural services, personal services such as domestic services, laundry, dry cleaning and dyeing, photographic studios, barber and beauty shops, funeral related activities, custom tailoring, hair dressing and other beauty treatment, washing and cleaning of textiles.
Part 114	129	Other Services	Sanitary services, recreation & entertainment, radio & TV broadcasting services, international and other territorial bodies and services not elsewhere classified.
115	130	Public administration and defence	Public administration and defence

Notes:

1. Sectors 001 to 020 also include agricultural and horticultural services such as harvesting, baling and threshing,
2. Sectors 021 to 024 include breeding and rearing of animals and poultry including private veterinary services.
3. Sectors 027 to 037 include extraction, breaking, milling, washing, cleaning, grading and processing.

MATRIX 1: INPUT – OUTPUT MATRIX (COMMODITY X INDUSTRY)

ABSORPTION MATRIX

2007-08

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	1	2	3	4	5	6	7	8	9	10	11	12
1	Paddy		6831648	35423				57890	77916		2140		87	
2	Wheat		215816	2347632					107122				24	
3	Jowar				35162									
4	Bajra					11097								
5	Maize						32018							
6	Gram			139204				126311	2753					
7	Pulses		49421	37830				2307	1596329					
8	Sugarcane			7801						252566				
9	Groundnut										234892			
10	Coconut											5681		
11	Other oilseeds												328846	
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops		16357	49892	4250		25	254	95728		1085		31415	
21	Milk and milk products													
22	Animal services(agricultural)		831514	159593	281880	68860	146504	77077	300987	71225	134247		282804	22410
23	Poultry & Eggs													
24	Other liv.st. produ.		244632	31715	67680	30617	112999	1307	32267	41903	62473	94712	107955	15876
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													
34	Other metallic minerals													

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	1	2	3	4	5	6	7	8	9	10	11	12
35	Lime stone													
36	Mica													
37	Other non metallic minerals													
38	Sugar													
39	Khandsari, boora													
40	Hydrogenated oil(vanaspati)													
41	Edible oils other than vanaspati													
42	Tea and coffee processing													
43	Miscellaneous food products		42762											
44	Beverages													
45	Tobacco products													
46	Khadi, cotton textiles(handlooms)													
47	Cotton textiles													
48	Woolen textiles													
49	Silk textiles													
50	Art silk, synthetic fiber textiles													
51	Jute, hemp, mesta textiles		94482	50666					9507					
52	Carpet weaving													
53	Readymade garments		948	883	87	73	127	95	47	215	74		300	
54	Miscellaneous textile products													
55	Furniture and fixtures-wooden		1014	943	92	79	136	101	50	230	79		321	
56	Wood and wood products													
57	Paper, paper prods. & newsprint		986	917	91	77	131	99	49	224	77		312	
58	Printing and publishing		1727	1607	158	135	232	175	86	391	135		546	
59	Leather footwear													
60	Leather and leather products													
61	Rubber products		52	48	5	5	7	5	2	12	4		17	
62	Plastic products													
63	Petroleum products		310273	138424	25723	31418	31294	34869	59075	22472	25113	5950	39748	2607
64	Coal tar products													
65	Inorganic heavy chemicals													
66	Organic heavy chemicals													
67	Fertilizers		978740	748413	82667	50786	135296	49796	108138	244334	80552	24613	256608	13077
68	Pesticides		118408	119363	41	22	134	581	1504	456	592	44403	1138	68

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs											
Code/ Sector	Commodity \ Industry	1	2	3	4	5	6	7	8	9	10	11	12
69	Paints, varnishes and lacquers												
70	Drugs and medicines												
71	Soaps, cosmetics & glycerin												
72	Synthetic fibers, resin												
73	Other chemicals												
74	Structural clay products												
75	Cement												
76	Other non-metallic mineral prods.												
77	Iron, steel and ferro alloys												
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware												
82	Miscellaneous metal products												
83	Tractors and agri. implements	36332	43640	910	688	763	532	576	1024	460		1676	74
84	Industrial machinery(F & T)	19018	8763										
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery	11	11			2	1	1	3	1		3	
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries	11	9		2	1	1	1	2	1		3	
91	Electrical appliances	342	318	31	27	45	34	17	78	26		109	
92	Communication equipments												
93	Other electrical Machinery												
94	Electronic equipments(incl.TV)	1125	1047	104	87	151	114	56	255	88		356	
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles	1710	1590	157	134	230	172	84	389	134		539	
98	Motor cycles and scooters												
99	Bicycles, cycle-rickshaw												
100	Other transport equipments	444	308	198	141	109	70	133	101	69		220	23
101	Watches and clocks												
102	Medical, precision&optical instru.s												

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	1	2	3	4	5	6	7	8	9	10	11	12
103	Jems & jewelry													
104	Aircraft & spacecraft													
105	Miscellaneous manufacturing		262	244	25	21	35	26	13	60	21		83	
106	Construction		180612	134037	9514	7807	11677	8604	5512	18713	6865		27053	300
107	Electricity		500450	336926	7833	14891	32931	18906	10139	61589	11708		12973	
108	Water supply		2084	1938	191	162	279	209	104	472	162		659	
109	Railway transport services		86322	20713	1700	1045	2497	1623	6682	4284	1504	432	4657	227
110	Land tpt including via pipeline		311325	150353	21460	11328	31439	10820	58086	33509	20843	16053	46274	3644
111	Water transport		34294	13542	481	443	680	696	2249	756	477	299	3526	65
112	Air transport		1163	2110	184	150	256	192	298	431	151		668	
113	Supporting and aux. tpt activities		37097	17846	1847	967	2647	1115	6128	3296	1811	1186	4253	294
114	Storage and warehousing													
115	Communication		2413	2244	220	189	323	243	120	548	189		763	
116	Trade		1072375	492722	31815	11871	29525	29125	409600	124325	39731	25788	122358	2763
117	Hotels and restaurants		2253	2097	204	175	303	227	112	511	176		713	
118	Banking		220139	185695	32429	27708	31347	42112	36165	55054	33694	31517	51710	3179
119	Insurance		6006	3826					1452			6714	7749	
120	Ownership of dwellings													
121	Education and research		432	402	41	33	58	43	22	99	33		137	
122	Medical and health													
123	Business services		2986	3016	293	254	432	327	160	736	254		1024	
124	Computer & related activities		5	4						2			2	
125	Legal services													
126	Real estate activities			108	13	10	17	11	6	27	10		34	
127	Renting of machinery & equipment		23	24	3	2	4	3	1	6	2		8	
128	O.com, social&personal services		5	4						2			2	
129	Other services		1550	1442	140	121	208	157	77	352	121		491	
130	Public administration													
	Total Input		12259569	5295335	607630	271426	604863	466230	2929355	940653	659993	257348	1338162	64606
	NIT		-1112489	-859763	-20829	-7642	-37689	-20682	-69907	-119987	-43908	-3608	-73203	-3245
	Total Input+NIT		11147080	4435572	586801	263784	567174	445548	2859448	820666	616086	253740	1264958	61361
	GVA		10025195	8541659	513094	669078	969371	1025591	2986724	3138471	1652252	461798	2932364	149013
	Total Output		21172275	12977231	1099896	932862	1536545	1471139	5846172	3959137	2268338	715538	4197322	210374

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Paddy									226773			242155	254	
2	Wheat									70225	15934	26604		36056	
3	Jowar												109813		
4	Bajra										6255	339	123861	3399	
5	Maize									451	1361		134941	4153	
6	Gram									47904	59928	38833		73544	
7	Pulses								320	23311	102917	39067		18780	
8	Sugarcane										55799				
9	Groundnut														
10	Coconut														
11	Other oilseeds														
12	Jute														
13	Cotton		28144												
14	Tea														
15	Coffee														
16	Rubber														
17	Tobacco						591								
18	Fruits							126140							
19	Vegetables								110695					6062	
20	Other crops								14095	139290	1580792	1684558	20671	1400270	2332
21	Milk and milk products										9586		203	497	
22	Animal services(agricultural)		302363				2987	67654	96535	268276					
23	Poultry & Eggs										5805		123	301	
24	Other liv.st. produ.		179785	48676	61734	35079	832	23749	26549	42230	4698		99	243	
25	Forestry and logging										6905				91889
26	Fishing														
27	Coal and lignite														
28	Natural gas														
29	Crude petroleum														
30	Iron ore														
31	Manganese ore														
32	Bauxite														
33	Copper ore														
34	Other metallic minerals														

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	13	14	15	16	17	18	19	20	21	22	23	24	25
35	Lime stone														
36	Mica														
37	Other non metallic minerals														
38	Sugar														
39	Khandsari, boora														
40	Hydrogenated oil(vanaspati)														
41	Edible oils other than vanaspati										175513	209824		127701	
42	Tea and coffee processing														
43	Miscellaneous food products										33387	12099	111014	30449	
44	Beverages														
45	Tobacco products														
46	Khadi, cotton textiles(handlooms)														121
47	Cotton textiles										158906	1202		6280	12
48	Woolen textiles														27
49	Silk textiles														
50	Art silk, synthetic fiber textiles														
51	Jute, hemp, mesta textiles									28981					461
52	Carpet weaving														
53	Readymade garments	239					26	133	140	154					
54	Miscellaneous textile products														54766
55	Furniture and fixtures-wooden	256					28	142	149	164					2851
56	Wood and wood products														395
57	Paper, paper prods. & newsprint	248					32	137	145	160					36777
58	Printing and publishing	436					52	242	253	280					7534
59	Leather footwear														
60	Leather and leather products														
61	Rubber products	13						7	8	8					31402
62	Plastic products														4491
63	Petroleum products	34319	1908	1110	1779	2016	40540	57882	142840						139593
64	Coal tar products														
65	Inorganic heavy chemicals														
66	Organic heavy chemicals														
67	Fertilizers	230842	10147		31441	29377	75347	107513	298786						2930
68	Pesticides	3800	1440	7364	24226	110	382	545	40647						2643

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	13	14	15	16	17	18	19	20	21	22	23	24	25
69	Paints, varnishes and lacquers														4
70	Drugs and medicines										21180	8422		16490	
71	Soaps, cosmetics & glycerin														
72	Synthetic fibers, resin														
73	Other chemicals														
74	Structural clay products														24
75	Cement														15
76	Other non-metallic mineral prods.														4
77	Iron, steel and ferro alloys														42
78	Iron and steel casting & forging														
79	Iron and steel foundries														
80	Non-ferrous basic metals														513
81	Hand tools, hardware														
82	Miscellaneous metal products														6246
83	Tractors and agri. implements		1422			3235	261	16110	18435	32368	1478		1831	4482	26706
84	Industrial machinery(F & T)														46
85	Industrial machinery(others)										1514		1877	4591	
86	Machine tools														272
87	Other non-electrical machinery		2					2	1	1					7996
88	Electrical industrial Machinery														2
89	Electrical wires & cables														
90	Batteries		3					1	2	2					6594
91	Electrical appliances		87				10	48	50	56					269
92	Communication equipments														66
93	Other electrical Machinery														
94	Electronic equipments(incl.TV)		284				32	157	166	182					1441
95	Ships and boats														11109
96	Rail equipments														
97	Motor vehicles		430				52	240	252	277					44337
98	Motor cycles and scooters														3792
99	Bicycles, cycle-rickshaw														4790
100	Other transport equipments		202			1019	52	4935	5660	10032					
101	Watches and clocks														
102	Medical, precision&optical instru.s														

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	13	14	15	16	17	18	19	20	21	22	23	24	25
103	Jems & jewelry														
104	Aircraft & spacecraft														
105	Miscellaneous manufacturing		66				8	37	39	42					41969
106	Construction		21927		10595	9590	2982	73973	130198	140944	2125	845	1986	3405	74275
107	Electricity		59029				7358	22699	26235	60112					9349
108	Water supply		527				65	293	307	337					618
109	Railway transport services		4064	175	5	522	505	1500	2166	8936	6843	7182	3661	5845	13531
110	Land tpt including via pipeline		60652	7918	8725	8312	3145	19231	22434	78643	203310	201320	25164	170000	374685
111	Water transport		972	83	80	168	81	585	826	3391	1208	733	3334	1090	2270
112	Air transport		480			20	58	360	416	793	3640	3594	161	3068	310
113	Supporting and aux. tpt activities		5348	564	579	703	328	1319	1945	8164	22593	22308	3386	18890	3401
114	Storage and warehousing														
115	Communication		607				74	338	354	391					17638
116	Trade		36714	7002	9841	12601	1478	61194	73167	195310	1153310	1122630	138701	938866	77401
117	Hotels and restaurants		568				70	316	331	366					164492
118	Banking		43096	3137	3619	3666	1790	17850	41605	94269	25065		6915	20108	5261
119	Insurance			989	6612	4226		2313	3338	479					
120	Ownership of dwellings														
121	Education and research		109				12	61	64	70					
122	Medical and health														
123	Business services		818				95	455	476	525					17548
124	Computer & related activities								1	1					26821
125	Legal services														22028
126	Real estate activities		31					16	17	19					
127	Renting of machinery & equipment		7					3	4	4					3828
128	O.com, social&personal services								2	1					6386
129	Other services		391				46	218	229	251					50844
130	Public administration														
	Total Input		1018283	82040	110265	136586	54553	558730	743548	1966447	3660052	3379558	929895	2894823	1405148
	NIT		-73812	-2066	1945	-8499	-9822	-9891	-16867	-120465	-255364	-264642	-46589	-227276	97757
	Total Input+NIT		944470	79974	112209	128087	44731	548839	726682	1845983	3404687	3114916	883306	2667547	1502905
	GVA		2084385	295875	162195	579986	211539	6119798	7839604	4948206	13120796		1827194	2960050	8131095
	Total Output		3028855	375849	274404	708073	256270	6668637	8566286	6794189	16525483	3114916	2710500	5627597	9634000

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs														
Code/ Sector	Commodity	Industry	26	27	28	29	30	31	32	33	34	35	36	37	38	39
1	Paddy															
2	Wheat															
3	Jowar															
4	Bajra															
5	Maize															
6	Gram															
7	Pulses															
8	Sugarcane														2087979	540317
9	Groundnut															
10	Coconut															
11	Other oilseeds															
12	Jute															
13	Cotton															
14	Tea															
15	Coffee															
16	Rubber															
17	Tobacco															
18	Fruits														1264	2804
19	Vegetables														185	19
20	Other crops														567	228
21	Milk and milk products														3	
22	Animal services(agricultural)															
23	Poultry & Eggs															
24	Other liv.st. produ.															
25	Forestry and logging															
26	Fishing		120216													
27	Coal and lignite			105121			1799								548	238
28	Natural gas				1242										15	
29	Crude petroleum															
30	Iron ore															
31	Manganese ore															
32	Bauxite										1					
33	Copper ore															
34	Other metallic minerals															

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs														
Code/ Sector	Commodity	Industry	26	27	28	29	30	31	32	33	34	35	36	37	38	39
35	Lime stone										1					
36	Mica															
37	Other non metallic minerals										6				4	
38	Sugar														9305	1194
39	Khandsari, boora														10745	
40	Hydrogenated oil(vanaspati)														2	372
41	Edible oils other than vanaspati															
42	Tea and coffee processing															
43	Miscellaneous food products		23291												76	
44	Beverages														224	86
45	Tobacco products															
46	Khadi, cotton textiles(handlooms)															
47	Cotton textiles															
48	Woolen textiles															
49	Silk textiles															
50	Art silk, synthetic fiber textiles															
51	Jute, hemp, mesta textiles		46281												413	109
52	Carpet weaving															
53	Readymade garments			3599	1679	8199	3065	359	33	112	27	82		51		
54	Miscellaneous textile products		121671												876	245
55	Furniture and fixtures-wooden			2910	1357	6630	2478	290	27	91	22			87		
56	Wood and wood products		2604	17970	1625			578			280		5	986	3013	1448
57	Paper, paper prods. & newsprint			3768	338	1650	535	61	6	18	9	70	1	230	8447	1366
58	Printing and publishing			1695	241	1177	418	49	4	30	5	103		111		
59	Leather footwear															
60	Leather and leather products															
61	Rubber products			15554	3559	17386	10801	169	32	455	1661	1909	2	2982		
62	Plastic products													84	3803	1761
63	Petroleum products		62362	117653	14622	101256	54964	876	297	831	4527	6656	61	24796	69698	2473
64	Coal tar products															
65	Inorganic heavy chemicals									572				1	2891	1179
66	Organic heavy chemicals														211	66
67	Fertilizers															
68	Pesticides															

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs														
Code/ Sector	Commodity	Industry	26	27	28	29	30	31	32	33	34	35	36	37	38	39
69	Paints, varnishes and lacquers															
70	Drugs and medicines															
71	Soaps, cosmetics & glycerin															
72	Synthetic fibers, resin															
73	Other chemicals		4892	138923	28521	87541	35688		175	461	6415	10081	26	64737	724	
74	Structural clay products													4		
75	Cement															
76	Other non-metallic mineral prods.				2231	24470									152	43
77	Iron, steel and ferro alloys		1458											10		
78	Iron and steel casting & forging															
79	Iron and steel foundries		766											6		
80	Non-ferrous basic metals		101													
81	Hand tools, hardware		115	5066	4203	37750					2856	10				
82	Miscellaneous metal products		2367	35388	5739	25676	35045	182	364	259	306		5	1464		
83	Tractors and agri. implements															
84	Industrial machinery(F & T)														7760	1531
85	Industrial machinery(others)			55113	14754	72468	11895	279	475	92	3385	192		2777	7548	
86	Machine tools			28226	2612											
87	Other non-electrical machinery			85477	41417	197462	35596	1044	583	196	3940	10083	14	23483	163	142
88	Electrical industrial Machinery														939	
89	Electrical wires & cables														772	
90	Batteries											2		7		
91	Electrical appliances			66	31	150	56	7	1	2		6		4	566	
92	Communication equipments														669	
93	Other electrical Machinery														670	
94	Electronic equipments(incl.TV)			1171	485	2368	854	99	9	30	9	1			497	
95	Ships and boats		152522													
96	Rail equipments															
97	Motor vehicles			57995	5893	4624	606	62	6	26	795	317	1	1148	2287	
98	Motor cycles and scooters											1		1		
99	Bicycles, cycle-rickshaw											8		5		
100	Other transport equipments															
101	Watches and clocks															
102	Medical, precision&optical instru.s															

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs														
Code/ Sector	Commodity	Industry	26	27	28	29	30	31	32	33	34	35	36	37	38	39
103	Jems & jewelry															
104	Aircraft & spacecraft															
105	Miscellaneous manufacturing			677	718	9453	437	15	1	2	159	17		23	2134	
106	Construction			15768	23699	242122	3516	71	205	159	4539	6971		16285	18543	1894
107	Electricity			159335	26289	55742	26723	2589	1445	928	10170	6994	59	18988	36801	6951
108	Water supply			1215	997	4869	123	39	1	12	61	34		1		
109	Railway transport services		955	46405	10082	48701	4071	169	106	68	333	775	1	13613	1591	369
110	Land tpt including via pipeline		46007	160318	19615	73017	20291	952	485	652	2603	4421	37	26182	31021	8237
111	Water transport		1131	3691	566	3067	573	15	3	11	56	66	1	247	707	28
112	Air transport		22	2871	1246	6068	1597	60	4	1	66	41	3	162	339	844
113	Supporting and aux. tpt activities		4373	16037	6314	9032	1960	231	87	109	520	175	1	885	2731	627
114	Storage and warehousing			889	1214	5931	332	1	2	18	232		1			
115	Communication			7609	1410	3213	3808	218	83	338	470	436	1	2329	10486	6169
116	Trade		71982	94927	10985	58425	18467	659	137	399	3112	2651	16	10050	925489	237237
117	Hotels and restaurants			6364	2859	13964	4252	866	25	69	110	399	23	15540		
118	Banking		2817	82533	12955	54302	12157	953	625	674	3125	3123	69	29196	97636	27703
119	Insurance		2712	2366	1173	5717	1611	184	89	137	276	465	18	1394	16169	4855
120	Ownership of dwellings															
121	Education and research			98362	3185	16625	7338	1254		206	87		67			
122	Medical and health															
123	Business services			20174	5156	27626	7136	354	183	342	6867	12	1	75	2417	681
124	Computer & related activities			378	111	376	2456	5	83	280	22	23		121	5079	1311
125	Legal services			1392	22	66	17782	206	1	1295	6451	671		9632	23	140
126	Real estate activities															
127	Renting of machinery & equipment			1947	378	358	2564	1081	1222	1376	2441	2487		18725	216	84
128	O.com, social&personal services			5	2	11	4	1				18		113		
129	Other services			19387	10944	53869	20588	965	1169	996	3031	2897		11654	16040	927
130	Public administration															
	Total Input		668646	1418345	270469	1281360	351588	14940	7969	11250	68974	62194	413	298192	3390441	853679
	NIT		14554	84462	21391	116062	41666	938	822	1043	4789	5683	23	24561	-307774	-85959
	Total Input+NIT		683200	1502807	291859	1397422	393253	15879	8791	12293	73763	67877	436	322753	3082668	767720
	GVA		3893000	3635282	1272657	3107398	1944651	104725	48048	37803	319497	173008	1170	1837045	512527	126079
	Total Output		4576200	5138089	1564516	4504820	2337904	120604	56839	50096	393260	240885	1606	2159798	3595194	893799

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	40	41	42	43	44	45	46	47	48	49	50	51	52
1	Paddy		289	439		438782	2522								
2	Wheat		463	668		730682	272								153
3	Jowar					45217	14380								
4	Bajra					49140	19982								
5	Maize		488	1437		105133	2346								
6	Gram		890			38889	69								
7	Pulses		2018	885		297577	479								
8	Sugarcane		14767			428196	58392	46909							
9	Groundnut		175777	940449		14070									
10	Coconut		11510	191852		3177	2	8						4112	
11	Other oilseeds		704094	2073111		135258	64								
12	Jute								186	1419				186032	189
13	Cotton		4834	12503		4			105492	3041566		5618	5805		533
14	Tea				336943	11491									
15	Coffee				210713	9058									
16	Rubber					5561									
17	Tobacco		6					129427							
18	Fruits		457			3039206	300787								
19	Vegetables		534	1733		56345	3089								
20	Other crops		50291	84444		130140	15491	4127						1111	5
21	Milk and milk products		21	79		1263141	6821								
22	Animal services(agricultural)														
23	Poultry & Eggs			17		21950									
24	Other liv.st. produ.		4			303287		2		1243	64812	6590	1		
25	Forestry and logging		1			3499	1132	76060		372	18	216	262		
26	Fishing		48			740417		40							
27	Coal and lignite		2202	4402	1440	9275	2745	1949	1705	15009	1017	692	30574	6140	606
28	Natural gas						3					70			
29	Crude petroleum														
30	Iron ore														
31	Manganese ore														
32	Bauxite														
33	Copper ore														
34	Other metallic minerals														

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	40	41	42	43	44	45	46	47	48	49	50	51	52
35	Lime stone													3	
36	Mica														
37	Other non metallic minerals				1605								3900	842	
38	Sugar		493	582	1915	296677	144036	485							
39	Khandsari, boora					178436	256312								
40	Hydrogenated oil(vanaspati)		138286	50360		64444	762								
41	Edible oils other than vanaspati		446485	421569		343239	969								
42	Tea and coffee processing				18480	5096	854	300							
43	Miscellaneous food products		106269	18623	24402	1238331	598829	74155	1922	51202					
44	Beverages		19		1	4660	124371						59		
45	Tobacco products							261293							
46	Khadi, cotton textiles(handlooms)								105586	79340	453	3084	6813	313	1634
47	Cotton textiles		394	180		1			149144	651537	1946	18096	45263	1980	7548
48	Woolen textiles								149	4309	152338	70	32234	25646	48710
49	Silk textiles									11605	1000	95891	9916	3624	2123
50	Art silk, synthetic fiber textiles							1029	84613	735784	27094	62377	940341	19667	51422
51	Jute, hemp, mesta textiles		523	1542	606	10417	6267	1971	733	23761	8348	572	8246	28032	18477
52	Carpet weaving									2444	2045	67	18		
53	Readymade garments				36	2347				466722	22409	87	6542		13638
54	Miscellaneous textile products		1124	3066	1622	26155	17025	4258	1252	262831	3091	11227	125098	1859	33705
55	Furniture and fixtures-wooden					948	762						34229		
56	Wood and wood products		41852	10716	4851	70329	1872	26119	4868	22983	465	886	13977	802	1137
57	Paper, paper prods. & newsprint		29436	24252	8578	254588	59591	55544	6886	42563	1315	1611	90001	10280	2369
58	Printing and publishing						228	479							
59	Leather footwear														
60	Leather and leather products									14758	3588		715		2602
61	Rubber products								56	233					2584
62	Plastic products		9571	13197	5879	87074	63330	3054	12335	16698	1560	4979	121235	1166	2156
63	Petroleum products		7863	22809	12859	131050	26853	8960	18164	140232	7280	10098	127699	4628	3477
64	Coal tar products													76	
65	Inorganic heavy chemicals		5644	4155	42	44272	15435	2274	4385	58471	1044	4792	216127	4353	2684
66	Organic heavy chemicals		1670	2280	1367	17968	41376	10728	1732	14137		75502	263295	1742	774
67	Fertilizers		25												
68	Pesticides				5			5650					595		

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	40	41	42	43	44	45	46	47	48	49	50	51	52
69	Paints, varnishes and lacquers		16	21		554	157		30312	65073	1146	1037	41485	5224	837
70	Drugs and medicines		12		350	16337	2066			51			234		
71	Soaps, cosmetics & glycerin		1115	41	98	681	3117	15615	10094	663	129	11	5534	44	350
72	Synthetic fibers, resin				5				1266	23812		2225	650700		1497
73	Other chemicals		23425	69265	403	43252	41349	6918	1235	17764	3079	893	64584	13038	537
74	Structural clay products														
75	Cement														
76	Other non-metallic mineral prods.					34752	1929	265		50			1893	1086	73
77	Iron, steel and ferro alloys														
78	Iron and steel casting & forging												442		
79	Iron and steel foundries														
80	Non-ferrous basic metals			2						343			581		
81	Hand tools, hardware										477	472			
82	Miscellaneous metal products		311	144		13043	1059	3563		125		5073	9	4171	196
83	Tractors and agri. implements														
84	Industrial machinery(F & T)		2351	6089	4137	41040	11540	5499	5011	51828	20622	660	23676	7111	11556
85	Industrial machinery(others)					32	16		587		87	95	210		1
86	Machine tools					253	28			967			366	16	14628
87	Other non-electrical machinery					1984	674	727	295	14315			639		95
88	Electrical industrial Machinery					17				9					
89	Electrical wires & cables														
90	Batteries									57					
91	Electrical appliances									4			73		
92	Communication equipments														
93	Other electrical Machinery									90					
94	Electronic equipments(incl.TV)														
95	Ships and boats														
96	Rail equipments					3									
97	Motor vehicles														
98	Motor cycles and scooters														
99	Bicycles, cycle-rickshaw														
100	Other transport equipments														
101	Watches and clocks														
102	Medical, precision&optical instru.s						45								

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	40	41	42	43	44	45	46	47	48	49	50	51	52
103	Jems & jewelry											628	86		
104	Aircraft & spacecraft														
105	Miscellaneous manufacturing			241	2860	32	376		5453		1712	7501			14984
106	Construction		2099	3661	4796	154585	7866	4368	4926	103087	3849	5319	33415	6239	1785
107	Electricity		26332	56259	64604	335041	80697	9430	53547	478816	19836	10393	151629	55525	4782
108	Water supply				1704	1703		627	2656						
109	Railway transport services		3619	8382	625	50538	6024	16812	2906	11451	735	718	7847	2323	648
110	Land tpt including via pipeline		87146	86162	306078	669361	112443	78255	86810	1397167	54606	41151	215523	39991	37529
111	Water transport		7961	16899	675	34530	13195	2378	248	2801	144	121	1726	344	81
112	Air transport		1214	7139	232	6671	2867	6148	4437	9552	1568	1288	751	874	656
113	Supporting and aux. tpt activities		10193	7983	38769	46558	12545	4552	8329	148257	6296	4345	27540	2792	3738
114	Storage and warehousing														
115	Communication		6468	3739	918	79724	6216	7991	2297	35479	3734	2006	4656	2375	2035
116	Trade		349428	737291	65114	2732235	320818	216866	187781	1006287	87001	71582	750839	160750	61247
117	Hotels and restaurants									3871					
118	Banking		70009	158721	68814	429365	101078	42411	21719	166911	18838	27689	89839	21703	19174
119	Insurance		3825	8888	8366	85610	17103	13893	15574	125700	1935	17396	55597	3417	5935
120	Ownership of dwellings														
121	Education and research														
122	Medical and health														
123	Business services		1087	3666	479	127948	9072	7423	3422	52798	2130	2143	126098	6696	1222
124	Computer & related activities		5367	12231	2966	22440	6343	18613	9380	11732	4527	6746	9518	8281	200
125	Legal services		388	3238	31	1202	178	9172	2082	2324	1455	2296	4720	2618	393
126	Real estate activities														
127	Renting of machinery & equipment		644	536	19	613	98	359	107	364	574	873	989	236	1
128	O.com, social&personal services		5	108	3	32193	34	1780	455	585184	61	33	433	57	191
129	Other services		7211	1577	21012	3790	1086	23805	16361	17967	3978	6961	13147	27924	17006
130	Public administration														
	Total Input		2368575	5077389	1218474	15626048	2548826	1212040	969013	10002227	536629	516395	4375224	675244	397907
	NIT		26016	-57503	3858	-161340	64624	147717	-15770	-501112	11996	19674	190349	20204	20484
	Total Input+NIT		2394590	5019886	1222332	15464708	2613450	1359757	953243	9501114	548625	536069	4565573	695448	418391
	GVA		285582	604762	178878	1840662	780686	1194917	986431	2556686	297159	112504	812052	397189	342193
	Total Output		2680173	5624648	1401210	17305370	3394136	2554674	1939675	12057801	845784	648573	5377625	1092637	760585

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	53	54	55	56	57	58	59	60	61	62	63	64	65
1	Paddy						446								
2	Wheat		7	1			6	307							
3	Jowar														
4	Bajra														
5	Maize											102			
6	Gram														
7	Pulses											52			
8	Sugarcane														
9	Groundnut													13	6
10	Coconut		1099											97	114
11	Other oilseeds											57			55
12	Jute			5958	60		214								
13	Cotton		5056	317						8					
14	Tea														
15	Coffee														
16	Rubber			58					2297	62553	417550	203221	31		38
17	Tobacco														
18	Fruits														
19	Vegetables		413												
20	Other crops			17094		4380	25798			32	25		75	314	808
21	Milk and milk products														
22	Animal services(agricultural)														
23	Poultry & Eggs														
24	Other liv.st. produ.			8174	15213	1114	175	10	564345	290099		10	853		
25	Forestry and logging		162	6446	346427	1583191	630379	650			2149	2182		743	9
26	Fishing														
27	Coal and lignite		945	1629	2467	22221	103847				4736	969	26	204042	60717
28	Natural gas			76479							46		1143743	27304	1646
29	Crude petroleum												29546544	32568	
30	Iron ore					29								1219	
31	Manganese ore														108
32	Bauxite														104
33	Copper ore														
34	Other metallic minerals												53		585

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	53	54	55	56	57	58	59	60	61	62	63	64	65
35	Lime stone										15				4408
36	Mica														
37	Other non metallic minerals			96	4580	493	2991	205			3919	544	4	674	13268
38	Sugar												13	90	10778
39	Khandsari, boora														
40	Hydrogenated oil(vanaspati)														69
41	Edible oils other than vanaspati											2157		14	19604
42	Tea and coffee processing														5
43	Miscellaneous food products	1989			2423	39756	6909	8006	4021	3186	41928	8951	1497	91191	
44	Beverages			2		346	2		3		2406	2919		20056	
45	Tobacco products														
46	Khadi, cotton textiles(handlooms)	185520	104009	880	132	560	463			2309	357				
47	Cotton textiles	1049016	373219	4492	331	2510	677	227	756	4992	1452				21
48	Woolen textiles	33346	32811	616		9	65		24	20					
49	Silk textiles	86494	12428	6		2356		3	11						
50	Art silk, synthetic fiber textiles	510171	417232	2594	2252	3375	647	7904	6883					129	2
51	Jute, hemp, mesta textiles	27998	30274	13470	8739	5136	9521	3459	1346	6608	8520	677	296	8660	
52	Carpet weaving		175	339		1147	167	966	794						
53	Readymade garments	187441	46952	1961		11280	4706	6854	1578		56598				
54	Miscellaneous textile products	402532	257829	56512	857	25250	20490	7118	5839	105370	30118	3062	712	9312	
55	Furniture and fixtures-wooden	2042	186	113523	24110		936				937				
56	Wood and wood products	26471	8395	110460	54531	70807	50814	2219	1322	3289	8681	4057	664	4058	
57	Paper, paper prods. & newsprint	48877	17285	10177	61690	1052293	1015610	3360	2669	5420	31252	6898	1164	12457	
58	Printing and publishing	914	1374	93	28	82207	312356	60	1	1	36				
59	Leather footwear		4		3			2391	225						16392
60	Leather and leather products	42835	139025	7142	4151		2723	531707	607138	8048	13010				
61	Rubber products	7784	13156	42409	1768	2879	1332	5903	1951	101613	53143	813	3	17480	
62	Plastic products	51569	22562	68373	35205	31665	48947	6149	7348	20760	1962679	12741	947	20279	
63	Petroleum products	47055	30361	20360	19168	106267	27674	12806	9665	38461	45247	2192463	40538	109643	
64	Coal tar products		265							199	48	6369	38959	6871	
65	Inorganic heavy chemicals	2901	7257	20655	4373	164274	78122	1992	1331	148121	93019	84650	68007	429121	
66	Organic heavy chemicals	5021	10569	106467	37684	48713	6531	738	1563	9235	508624	35840	960	288246	
67	Fertilizers				11424							511523			
68	Pesticides			950	19535	7233	2			194	1603	2515		155062	

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	53	54	55	56	57	58	59	60	61	62	63	64	65
69	Paints, varnishes and lacquers		14208	9333	23773	3587	27173	78633	25246	3449	5293	45693	2238	10	9929
70	Drugs and medicines					1135					167	3847			
71	Soaps, cosmetics & glycerin		18582	15545		8442	8503	2747			2094	946	491		3555
72	Synthetic fibers, resin		93934	186494	2907	15084	6725	5192	261	172	756052	1430201	116	268	2755
73	Other chemicals		89378	33728	3594	14724	100946	94865	31456	21378	47924	413647	85481	85055	48905
74	Structural clay products				3	11									1
75	Cement														
76	Other non-metallic mineral prods.		2340	165	4331	1787	6667	5141	233	209	804	1896	670	187	2359
77	Iron, steel and ferro alloys		1462		14368	2292	4169	1607	234	214	6871	6400		23	84
78	Iron and steel casting & forging		91		86486	604	3052	191	45	2	606	1081	1110	6	1332
79	Iron and steel foundries		1349		52192	5979	4730	1759	216	182	5961	5577			93
80	Non-ferrous basic metals		1435		34775	2903	1224	2638	362	227	2276	10667	545	6840	18530
81	Hand tools, hardware		780	1261	22597	5334	423	1220	679	401	404	4127			71
82	Miscellaneous metal products		11902	25167	30496	12465	11638	21096	5254	1893	18653	16270	696		1760
83	Tractors and agri. implements			313							276	602			
84	Industrial machinery(F & T)		85604	81314						4865					
85	Industrial machinery(others)			7828	8468	12205	12330	11212	7005		10051	12342	7179	4533	8667
86	Machine tools		33943	98050	12558	442	7899	342	59	35	2306	1912	317	63	24
87	Other non-electrical machinery		387	483	5905		2908	55	1808	1526	776	2166	12515	144	788
88	Electrical industrial Machinery				168	1	6	19							119
89	Electrical wires & cables				17		4					4			3
90	Batteries			1145				19							9
91	Electrical appliances			3	367	3496	5				54	197			
92	Communication equipments							249				148			
93	Other electrical Machinery		629	12152	6518		1618	181	66	1006	221	4287		6	370
94	Electronic equipments(incl.TV)			16781				43645		58	580	2968			
95	Ships and boats														
96	Rail equipments														
97	Motor vehicles				1731			1			1385	361			
98	Motor cycles and scooters										98				
99	Bicycles, cycle-rickshaw														
100	Other transport equipments														
101	Watches and clocks														
102	Medical, precision&optical instru.s											730			12

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	53	54	55	56	57	58	59	60	61	62	63	64	65
103	Jems & jewelry			516					101						
104	Aircraft & spacecraft														
105	Miscellaneous manufacturing		37388	25454	99	407	3135	31020	14948	912	50	9913	4070	59	97
106	Construction		158453	242649	18021	12341	22351	129973	6748	3958	18476	20186	23660	2260	27512
107	Electricity		36919	39345	16135	24464	144421	49220	18502	16014	70790	154162	287003	17021	138109
108	Water supply			164				29	8	7	5		95	4	7349
109	Railway transport services		22914	5651	5618	18002	22536	8054	8372	707	3747	10015	258529	36296	13456
110	Land tpt including via pipeline		316345	186456	120163	207855	297904	249891	125858	78121	127422	261292	276783	35235	74818
111	Water transport		673	493	3300	14042	8574	548	802	436	656	1501	22988	3049	4437
112	Air transport		5164	4549	24459	16083	3456	9698	3989	4528	7148	16968	126061	3019	6341
113	Supporting and aux. tpt activities		30538	20222	9898	20071	28356	22208	8887	6799	12953	26513	25700	3985	7090
114	Storage and warehousing														
115	Communication		71644	32450	14498	11485	20291	5772	3774	4849	12281	8079	52669	3146	9105
116	Trade		888019	575120	293901	450905	394910	188187	283249	276037	246112	460334	523571	131201	237520
117	Hotels and restaurants														
118	Banking		155851	61821	176270	86579	83654	82556	36057	21583	48545	86275	491319	13591	49161
119	Insurance		105428	46383	11690	9270	21922	17882	18759	4369	8936	19080	47764	1423	32821
120	Ownership of dwellings														
121	Education and research														
122	Medical and health														
123	Business services		86069	47799	9698	5401	593	5798	3400	512	271	12261	6458	27	2366
124	Computer & related activities		34898	25153	7910	4399	12885	38005	13494	1029	1150	16630	45288	197	4285
125	Legal services		14293	5302	6272	5925	1610	1720	1761	738	1324	991	2796	71	5633
126	Real estate activities														
127	Renting of machinery & equipment		171	554	2282	735	932	289	146		493	1	11		310
128	O.com, social&personal services		177061	334915	652	154	256	35815	191	129	120	192562	2257	28	255
129	Other services		20147	7331	4100	4790	3041	2620	5104	4942	11111	1608	7226	10437	6979
130	Public administration														
	Total Input		5245661	3793705	1986449	2883231	3692793	2739935	1795578	1468446	2320706	6333395	35880425	779138	2028183
	NIT		111395	91036	116399	47260	182413	168546	34875	24552	106320	428419	1770418	51259	116459
	Total Input+NIT		5357057	3884741	2102848	2930491	3875205	2908481	1830452	1492997	2427026	6761814	37650843	830397	2144642
	GVA		2450847	863967	1229316	1800220	1126150	998860	442324	659540	1495136	1063341	6087728	607133	394071
	Total Output		7807904	4748708	3332165	4730711	5001355	3907341	2272776	2152537	3922161	7825155	43738571	1437531	2538713

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	66	67	68	69	70	71	72	73	74	75	76	77	78
1	Paddy			3			10								
2	Wheat			8	23		81	1583		4					
3	Jowar									117					
4	Bajra			2564			29								
5	Maize						4560			46					
6	Gram			6765				884		583					
7	Pulses			105			610	6		3237					
8	Sugarcane			796			66100	1380							
9	Groundnut		6				21	549							
10	Coconut		230	38			21	4808	30		6767		232		114
11	Other oilseeds		80	8332		708	22744	1617		2438					
12	Jute									232			255		
13	Cotton			25			1740								
14	Tea						558			2					
15	Coffee														
16	Rubber		33			429	126		2222	145			578		
17	Tobacco														
18	Fruits					321	1289	689		355					
19	Vegetables						240	1625		2820	118		16		
20	Other crops		781	2394	353	7269	24667	6283	861	95439	4568		8175		
21	Milk and milk products						14587	2696							
22	Animal services(agricultural)														
23	Poultry & Eggs			31			1370								
24	Other liv.st. produ.		2042	71678	414	16	2057	1502	23503	58871			2642	102	4
25	Forestry and logging		26	150	73	10276	8608	3665	777	3793	822		1283		69
26	Fishing		18504	13			32								
27	Coal and lignite		18397	33822	318	622	4237	2771	225	5093	31252	507166	52006	2661486	283270
28	Natural gas		2133	331423	31	15011	18237		66191	146886	7449	208498	15108	756582	5075
29	Crude petroleum														
30	Iron ore					7				349	2738	11715	34645	1018608	1982
31	Manganese ore		62	1544						37	145		17000	163158	1563
32	Bauxite			26	8	89		222		45	8362	848	2402	24	16
33	Copper ore														
34	Other metallic minerals			476	110	1109	55	557		5738	2659		1883	33750	855

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	66	67	68	69	70	71	72	73	74	75	76	77	78
35	Lime stone		4468	393	3	13		452		25	2914	238846	3623	19241	120
36	Mica												19983		
37	Other non metallic minerals		15618	84279	1277	1876	545	11541	1004	11456	74449	113697	155439	4942	2209
38	Sugar		10211	60	30		35298	1576		15651	996			12044	1303
39	Khandsari, boora						17093	828							
40	Hydrogenated oil(vanaspati)		82				339	11536							
41	Edible oils other than vanaspati		21324	474	69	8089	17530		1719	2969			288		
42	Tea and coffee processing		10			9	19					46			
43	Miscellaneous food products		87623	12892	10763	13057	155189	75234	22756	118803	94322	2879	26833	37397	7106
44	Beverages		21004	635	1513	758	5227	3334	9055	1371	244		866	1506	15
45	Tobacco products			57			234						144		
46	Khadi, cotton textiles(handlooms)					17	524	34	105	177			247	25	
47	Cotton textiles				60	107	2977	119	628	896			1372	143	
48	Woolen textiles									9		115	409		
49	Silk textiles										14		2		
50	Art silk, synthetic fiber textiles		4	636	997	62	345	4	128	3013			5491	3	
51	Jute, hemp, mesta textiles		884	1333	970	2043	8697	12785	667	16631	1545	3393	10556	806	309
52	Carpet weaving												7		
53	Readymade garments					281	1870	19	74	33		8255	7488		
54	Miscellaneous textile products		1916	3329	1887	5103	21304	27602	2273	6100	2490	8309	11142	1307	1630
55	Furniture and fixtures-wooden						1	340		17086			2914	2532	
56	Wood and wood products		5112	7425	5695	11390	37341	73781	6336	20819	6427	17007	13667	7948	1031
57	Paper, paper prods. & newsprint		39469	26	80	26	6742	873	470	135602	9582	32447	24083	4714	2188
58	Printing and publishing						11535	4663		3693			139		
59	Leather footwear														
60	Leather and leather products			61			69			5994	1295				1
61	Rubber products		70	26	616	519	107	410	14823	2756	73	138	3622	312	1916
62	Plastic products		17260	12064	315	25938	69990	156765	40166	33949	8996	546040	24816	8066	3421
63	Petroleum products		187629	582242	14075	33928	57878	56078	201718	91017	289463	417382	494137	638384	202529
64	Coal tar products		7512			861		1374		4106	1076	4904	42478	400255	590
65	Inorganic heavy chemicals		351688	871642	97273	231543	112478	335202	543758	263236	41058	1492	378931	69687	11607
66	Organic heavy chemicals		394831	228747	96141	80421	1093425	278855	1211412	180656	1695	811	22050	3817	37
67	Fertilizers			2036551	14699										
68	Pesticides		183233	13207	338326								137	3352	

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity \ Industry	66	67	68	69	70	71	72	73	74	75	76	77	78	
69	Paints, varnishes and lacquers	8866	115	696	80175	910	21419	8066	7768	17531	430	8713	14516	637	
70	Drugs and medicines	16834	357	3247	3011	1720203	23721	2691	2722	157		5077	1710	86	
71	Soaps, cosmetics & glycerin	894	45	2180	16924	15161	370186	3273	40789			2178			
72	Synthetic fibers, resin	2165	54	2293	56809	344	3771	504546	12030	4136	1	21266		1487	
73	Other chemicals	59411	18649	10022	173811	58068	682281	329900	143508	6177	2757	10787	9928	14982	
74	Structural clay products	4			16					166818	164894	260	1085	49	
75	Cement									100133	109327	121460			
76	Other non-metallic mineral prods.	2807	655	789	2562	1139	7423	133	4597	125576	71774	322635	31772	1120	
77	Iron, steel and ferro alloys	169	31		770	57	30	39	602	81	137	28326	1585072	1027789	
78	Iron and steel casting & forging	1343	8	5	546	576	4		915	477	190	11908	1775738	627780	
79	Iron and steel foundries	39	29		888	38	28	17	405	634	69	49962	723020	134494	
80	Non-ferrous basic metals	19403	394	1445	6192	1245	844	294	33491	864	62	34571	2819694	396827	
81	Hand tools, hardware	71			8					172		5943	15464	1743	
82	Miscellaneous metal products	1296	99	627	292	448	2136	223	3895	3010	47	40434	372334	65280	
83	Tractors and agri. implements											97		35	
84	Industrial machinery(F & T)											6375		3454	
85	Industrial machinery(others)	10811	12983	7634	8560	22869	37671	20729	13102	11571		557	1378	14177	
86	Machine tools	38	105	89		46	43	57	443	183	2972	16390	2456	12182	
87	Other non-electrical machinery	922	40972	20090	442	1546	2102	189	1089	193	989	12032	2697	2358	
88	Electrical industrial Machinery	120	8										1092	226	
89	Electrical wires & cables											107		14	
90	Batteries	8													
91	Electrical appliances		2		127						119	398	22		
92	Communication equipments											1825	5	104	
93	Other electrical Machinery	500	4952			17	36970	11988	349	348		3127	1129	1539	
94	Electronic equipments(incl.TV)		418				533		153	410					
95	Ships and boats													279	
96	Rail equipments														
97	Motor vehicles											86			
98	Motor cycles and scooters														
99	Bicycles, cycle-rickshaw														
100	Other transport equipments														
101	Watches and clocks														
102	Medical, precision&optical instru.s	14				5257			1		785	12830			

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	66	67	68	69	70	71	72	73	74	75	76	77	78
103	Jems & jewelry														
104	Aircraft & spacecraft														
105	Miscellaneous manufacturing		5394	8032	1344	4314	23578	4207		24947	2930		6312	280	56
106	Construction		21210	11295	3934	4514	73871	13797	4558	79310	6879	17340	631654	10891	5559
107	Electricity		154479	77838	22534	34292	127855	63453	35655	271631	102788	265426	171067	790606	151051
108	Water supply		184	977			10	130		73	252		574		
109	Railway transport services		7743	47079	1217	5078	29356	18482	34232	8343	25609	133745	44549	553553	60840
110	Land tpt including via pipeline		80524	374110	15371	61631	320367	199007	261658	144438	237252	282781	323354	747496	162709
111	Water transport		4717	11180	1249	810	4451	2459	2670	3829	7459	17975	8594	40825	5449
112	Air transport		7051	15011	1307	5921	26942	21927	34210	11230	13006	25425	27022	147822	13176
113	Supporting and aux. tpt activities		7262	34732	1662	4929	23659	16703	15281	12422	12614	23584	21611	71173	11108
114	Storage and warehousing														
115	Communication		7852	9851	4849	5156	21173	30459	6498	18528	11294	27296	10838	59833	10605
116	Trade		245634	362778	128450	118777	412400	234897	367816	232600	233226	581030	429023	3627501	545868
117	Hotels and restaurants														
118	Banking		46214	111005	22137	37060	59750	223546	102182	94044	37750	111013	49048	553472	26848
119	Insurance		12257	22983	5438	5560	23882	18585	30931	17716	8362	21586	19617	30274	4584
120	Ownership of dwellings														
121	Education and research														
122	Medical and health														
123	Business services		6326	16302	20	66	12138	36056	16	5094	67	111	27800	15116	655
124	Computer & related activities		10638	17643	328	7883	19279	4373	1507	16333	503	869	18419	4837	410
125	Legal services		1598	88	961	238	915	253	94	410	220	303	1538	10446	2075
126	Real estate activities														
127	Renting of machinery & equipment		92				1	214					1	267	1
128	O.com, social&personal services		613	438	13	103	172594	32264	42	6334	44194	112	604	76186	781
129	Other services		6396	4980	5232	3535	1895	12697	7037	7868	1603	1880	6392	1963	2719
130	Public administration														
	Total Input		2144142	5522476	851285	1102900	5010776	3206917	3937435	2483286	1785996	3989017	3902450	19951841	3840099
	NIT		143311	-379590	26274	79256	282362	247453	305896	92797	138280	224411	303733	1558390	398231
	Total Input+NIT		2287453	5142886	877559	1182156	5293138	3454370	4243331	2576084	1924276	4213429	4206183	21510231	4238330
	GVA		495325	790350	287164	811002	1628735	918321	1184527	1425590	1417151	1827032	1373856	6547327	818070
	Total Output		2782777	5933236	1164723	1993158	6921873	4372691	5427858	4001674	3341427	6040461	5580038	28057558	5056400

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix			Rs. Lakhs												
Code/ Sector	Commodity	Industry	79	80	81	82	83	84	85	86	87	88	89	90	91
1	Paddy														
2	Wheat													1	
3	Jowar														
4	Bajra														
5	Maize														
6	Gram														
7	Pulses														
8	Sugarcane														
9	Groundnut														
10	Coconut			179											
11	Other oilseeds														
12	Jute														
13	Cotton											981			
14	Tea														
15	Coffee														
16	Rubber			68		991	2	130		1382	374		894	10	
17	Tobacco														
18	Fruits														
19	Vegetables														
20	Other crops			47		8					11	39		16	
21	Milk and milk products														
22	Animal services(agricultural)														
23	Poultry & Eggs														
24	Other liv.st. produ.			864		245			685	101	16704	4	949	3	2339
25	Forestry and logging			253	1039	614		479		467	1250	87	45		
26	Fishing														
27	Coal and lignite		3725	1394719	10696	38881	5283	785	97	199	11693	3470	12	13	22
28	Natural gas		73958	39402		7459	647	12201	11386		27366			89	
29	Crude petroleum														
30	Iron ore		85644	1932		46									
31	Manganese ore		13960	4609										604	
32	Bauxite			26565		8					3	8			
33	Copper ore			667534											
34	Other metallic minerals		187	174452	12	1838	5	43	11	185	34	109	18	897	27

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	79	80	81	82	83	84	85	86	87	88	89	90	91
35	Lime stone		4160	25	1		2							1	
36	Mica														
37	Other non metallic minerals		551	31528	392	27325	16	330	124	124	184	63	1597	448	1006
38	Sugar			3292		3					11				
39	Khandsari, boora			62											
40	Hydrogenated oil(vanaspati)														
41	Edible oils other than vanaspati			28						3					
42	Tea and coffee processing					1									
43	Miscellaneous food products		14	6688	20952	12135		4057	42		111	76		126	26
44	Beverages		30	818	99	58		71							
45	Tobacco products														
46	Khadi, cotton textiles(handlooms)			11	3	10		26				2	26		
47	Cotton textiles			103	22	114		140				12	132		
48	Woolen textiles										5	573			
49	Silk textiles														
50	Art silk, synthetic fiber textiles			171	2493	1588	59	2175		1931	2169	2138	23639	273	1544
51	Jute, hemp, mesta textiles		83	330	3260	1907	90	324	53	331	1362	701	1229	144	949
52	Carpet weaving					215									
53	Readymade garments					2773				250	4527	103	3974	83	
54	Miscellaneous textile products		1559	5339	1625	18240	493	7093	341	3565	20095	2371	13050	747	2235
55	Furniture and fixtures-wooden		303		2412	6976	3133	338		1083	1373	886			278
56	Wood and wood products		2434	1708	3671	10992	2007	6046	3547	8218	25341	4239	4559	817	5163
57	Paper, paper prods. & newsprint		1550	5739	7749	19310	962	3794	627	2806	20499	15179	10617	3331	10173
58	Printing and publishing			757		48				36	868	13			
59	Leather footwear														
60	Leather and leather products				150	735	1435	2646	6	4099	1212	5023	1653	138	769
61	Rubber products		346	1389	1996	6885	29334	6241	4599	28369	17976	9770	18806	1772	862
62	Plastic products		9963	22058	13351	161293	4015	6631	2766	49507	47215	39901	65896	7870	31463
63	Petroleum products		87455	186057	57753	29631	3743	11010	4404	9542	54116	37979	12369	3172	28986
64	Coal tar products		18435	91650	713	271		468	17	42	13	96		619	4
65	Inorganic heavy chemicals		41400	301199	3215	30926	549	2094	22	2903	25626	4783	19324	19566	20356
66	Organic heavy chemicals		2845	6873	785	20197	62	2125	315	2190	19788	2138	19136	5087	1277
67	Fertilizers											5704	379		
68	Pesticides											321		1587	

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity \ Industry	79	80	81	82	83	84	85	86	87	88	89	90	91	
69	Paints, varnishes and lacquers	3585	31334	4316	17632	263	3968	313	3647	11448	14480	1416	1788	3240	
70	Drugs and medicines			88	172	64			280		409	2			
71	Soaps, cosmetics & glycerin		704		18			32	21	20		4	4	1421	
72	Synthetic fibers, resin	2459	6114	1497	6540	30	262	4	7385	20476	8037	158609	12996	3044	
73	Other chemicals	8021	51760	18971	23274	1497	5084	385	6805	13166	21260	25901	482	3527	
74	Structural clay products	437		37	74	5	2		14	355	2080				
75	Cement								56					157	
76	Other non-metallic mineral prods.	10204	4651	2518	5510	63	2661	6937	1276	11196	10163	4724	2318	38399	
77	Iron, steel and ferro alloys	797446	216866	366149	2041780	175282	387375	257736	399557	1946250	492427	64607	3510	45994	
78	Iron and steel casting & forging	311646	97912	91566	150611	59733	96212	21231	90704	296227	61489	5720	497	29785	
79	Iron and steel foundries	106391	359510	59667	222395	34585	36559	22628	49262	173178	95161	48142	2621	17516	
80	Non-ferrous basic metals	1636647	2332131	290736	1068604	91014	145161	68373	181957	885282	219804	671878	74210	50538	
81	Hand tools, hardware	8904	9188	141589	83756	5220	46855	60213	28861	158100	14399	715	37	2950	
82	Miscellaneous metal products	122104	316309	157754	450332	117789	83912	40987	141884	604307	168433	133940	20563	66690	
83	Tractors and agri. implements	952		452	678	159761	496	553	13397	50857	16250			6732	
84	Industrial machinery(F & T)			38	6503	35685	249433	36923	13646	241230	12633			107	
85	Industrial machinery(others)	28308	21095	2414	2823	45850	11858	40998	79433	564	182		726		
86	Machine tools	26291	1544	48884	84077	150489	143066	128487	162463	691282	73046	24737	3449	3933	
87	Other non-electrical machinery	2391	2425	12236	474578	360773	235888	261811	261590	2604593	92120	2636		21642	
88	Electrical industrial Machinery	13270	62	1048	41525	853	45525	3835	16837	124013	472357	17188	12471	28871	
89	Electrical wires & cables	1	2952	1032	578	156	578	27	394	2335	116001	33609	6251	3915	
90	Batteries		4636	2386	5661	3107	4	6		4314	14019	6	45233	106	
91	Electrical appliances	335	25	189	4870	12	1838	121	2543	62189	2094	2021	104	49633	
92	Communication equipments	172	3922		13875	10537	3217	1292	5276	23231	28738	5963	5013	22227	
93	Other electrical Machinery	11517	20642	32724	210249	2569	149641	10823	110404	240241	457568	26104	18153	35587	
94	Electronic equipments(incl.TV)	35	566	4561	47001		17225	4696	23075	38125	52701	1271	2169	8072	
95	Ships and boats													11	
96	Rail equipments														
97	Motor vehicles				150	13827		31	242	7139	811				
98	Motor cycles and scooters											6			
99	Bicycles, cycle-rickshaw					983									
100	Other transport equipments														
101	Watches and clocks				3777		2			14038					
102	Medical, precision&optical instru.s	30310	5		498			12	2341	4725	1447			156	

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	79	80	81	82	83	84	85	86	87	88	89	90	91
103	Jems & jewelry					356			2639	1846	27	2421	53	200	
104	Aircraft & spacecraft														
105	Miscellaneous manufacturing		142	5962	11706	14551	2659	7792	5361	22670	11149	22598	14421	474	22331
106	Construction		18631	20794	56483	41386	96164	12850	46062	187998	76704	128876	2774	1306	3410
107	Electricity		27782	258018	37825	60198	34415	22548	8285	23458	155622	91926	35943	22965	32200
108	Water supply			5		7									
109	Railway transport services		38411	237255	12726	39645	4949	9900	15685	11101	50546	12771	5417	333	2786
110	Land tpt including via pipeline		110068	419845	110887	165339	47178	70115	75248	87198	359534	99148	77608	9792	42079
111	Water transport		2020	19010	1213	1252	198	276	94	276	1106	592	192	59	364
112	Air transport		6465	54979	17754	39738	7326	10864	3651	14863	51715	17174	9196	1650	5704
113	Supporting and aux. tpt activities		12902	35831	6633	19000	5224	5886	3740	6144	29613	7842	5377	863	2723
114	Storage and warehousing														
115	Communication		17131	73681	11175		7974	12406	2442	12318	47197	126061	10760	23304	4165
116	Trade		366901	968035	150631	334374	110912	152857	68992	138521	539257	186524	81000	20475	60772
117	Hotels and restaurants														
118	Banking		44223	197063	73454	198883	25423	43269	13755	79131	366429	114284	49887	12367	133485
119	Insurance		7960	20971	12768	77688	18235	5503	8831	23690	179842	74471	5683	1796	10360
120	Ownership of dwellings														
121	Education and research														
122	Medical and health														
123	Business services		7375	110180	896	85929	157533	443	619	159457	199607	56819	496	2739	32378
124	Computer & related activities		19419	948	86107	47117	10619	22117	18928	90099	39706	27464	29513	950	1659
125	Legal services		1192	1157	2819	3943	887	1384	1876	18131	48348	6271	764	1117	6406
126	Real estate activities														
127	Renting of machinery & equipment		816	350	2	203		1		39	170	125		184	44
128	O.com, social&personal services		21581	72518	1091	239714	50898	535	1044	15375	28203	49851	305	8313	145113
129	Other services		2743	7812	4637	5639	6390	1151	3380	3427	7344	5027	995	11979	2762
130	Public administration														
	Total Input		4175790	8965215	1972048	6744221	1908970	2115966	1278130	2616421	10720925	3615122	1757889	380886	1060464
	NIT		383219	537821	143821	425800	150265	183418	92369	190941	846940	227692	124370	36462	68737
	Total Input+NIT		4559009	9503036	2115869	7170021	2059235	2299384	1370499	2807362	11567865	3842814	1882259	417348	1129200
	GVA		646082	1627447	728604	2441507	709527	351358	381051	1093376	2635951	558120	353231	101733	289906
	Total Output		5205091	11130483	2844473	9611528	2768762	2650742	1751550	3900738	14203816	4400934	2235489	519082	1419106

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	92	93	94	95	96	97	98	99	100	101	102	103	104
1	Paddy														
2	Wheat														
3	Jowar														
4	Bajra														
5	Maize														
6	Gram														
7	Pulses														
8	Sugarcane														
9	Groundnut														
10	Coconut														
11	Other oilseeds														
12	Jute														
13	Cotton												262		
14	Tea														
15	Coffee														
16	Rubber			656			1056	2470	163		30		171		
17	Tobacco														
18	Fruits												328		
19	Vegetables														
20	Other crops		351					21					1		
21	Milk and milk products														
22	Animal services(agricultural)														
23	Poultry & Eggs														
24	Other liv.st. produ.					6		252					5		
25	Forestry and logging				998	52		2937					11		
26	Fishing				24	3									
27	Coal and lignite		5	51			4756	8063	26	31	26	3	158		
28	Natural gas														
29	Crude petroleum														
30	Iron ore		30												
31	Manganese ore			522											
32	Bauxite														
33	Copper ore														
34	Other metallic minerals		10	52	4280								11	950	

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	92	93	94	95	96	97	98	99	100	101	102	103	104
35	Lime stone			33											
36	Mica			621											
37	Other non metallic minerals		23	12806	4351	5	703	4337	442	6	197	33	127	862808	
38	Sugar														
39	Khandsari, boora														
40	Hydrogenated oil(vanaspati)														
41	Edible oils other than vanaspati														
42	Tea and coffee processing												2		
43	Miscellaneous food products		478		453			104					65		
44	Beverages			457				4							
45	Tobacco products														
46	Khadi, cotton textiles(handlooms)			2				403					141		
47	Cotton textiles			12	1			2359	1	1			773		
48	Woolen textiles														20
49	Silk textiles				29								649		
50	Art silk, synthetic fiber textiles		13	1887	345	37	841	11395	430		73	10	9122	136	
51	Jute, hemp, mesta textiles		914	2225	1		1148	1431	1062	540	88	75	751	51	1
52	Carpet weaving							136			292				
53	Readymade garments			541	1354	1		495	64				6390		30
54	Miscellaneous textile products		8049	4884	4	1	306	2742	1025	361	400	160	3503	117	1
55	Furniture and fixtures-wooden		15895		4	107	212	4654	483	1532			1142		10
56	Wood and wood products		5342	9772	217	84	9417	8354	1412	941	251	623	5080	7369	2
57	Paper, paper prods. & newsprint		11266	22918	1034	2	2229	7952	2396	2391	2147	882	8433	2214	4
58	Printing and publishing		1444									8	45		
59	Leather footwear				2										
60	Leather and leather products		520	20340	47		589	93540	1792	3894		10761	5997		13
61	Rubber products		846	4328	1692	33	5356	284069	27945	10517	11048	132	10917	43	62
62	Plastic products		38531	11016	10237	86	5907	91231	13562	2962	2302	2072	22713	6620	6
63	Petroleum products		15659	33608	5044	748	7328	50783	11575	5283	2476	686	9363	10570	618
64	Coal tar products			2255			29	32							
65	Inorganic heavy chemicals		7104	12402	6523	12		14072	1199	248	793	52	7876	2530	
66	Organic heavy chemicals		10465	3106	510	6		18258	1098	200	1143		4269		
67	Fertilizers					80									
68	Pesticides														

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity \ Industry	92	93	94	95	96	97	98	99	100	101	102	103	104	
69	Paints, varnishes and lacquers	1464	14589	1156	272	23746	44019	5404	1398	94	87	477	43	10	
70	Drugs and medicines	73		33			80					1137			
71	Soaps, cosmetics & glycerin						9				11	144	2		
72	Synthetic fibers, resin	27291	15131	542	37	11194	36165	90888	16	196	18	1712			
73	Other chemicals	9513	10808	2099	60	2645	30752	10033	4516	1196	64	11375	4247		
74	Structural clay products								2						
75	Cement				3										
76	Other non-metallic mineral prods.	57594		396	20	3361	15048	840	80	76	676	8037	296	30	
77	Iron, steel and ferro alloys	194150	202828	7883	17471	280296	1670476	69448	83178	14243	211	4101	408	56	
78	Iron and steel casting & forging	36	1706	2997	408	12450	203510	79066	1152	1062		1166		37	
79	Iron and steel foundries	9242	92882	17860	1769	22992	353179	32838	42133	6595	97	3731		35	
80	Non-ferrous basic metals	10389	165846	6094	79	15766	134816	50975	4075	12002	3212	3920	106616	19	
81	Hand tools, hardware	1080	20677	1817	294	3521	909165	165090	47350	6728	6657	268	37	1	
82	Miscellaneous metal products	30832	138409	67629	608	42264	353426	71035	9177	2512	23	18307	3545	373	
83	Tractors and agri. implements	370	1320	128	81	8716	1111	6172				330			
84	Industrial machinery(F & T)		967	3037		93	21499	391	41			57			
85	Industrial machinery(others)		11503				2490			4		457			
86	Machine tools	10107	76611	3557	1706	54461	520801	78316	9890	9207	218	7145		205	
87	Other non-electrical machinery	72593	27399	31206	6808	50585	2003660	226836	9285	5684	326	1681		154	
88	Electrical industrial Machinery	66753	23805	18063	1142	3783	120725	6143	157	303	67	20709		142	
89	Electrical wires & cables	32474	56934	21718	1	2555	27006	268				10226			
90	Batteries	7307	41269	11576		137	11195	3640			1427	29		1	
91	Electrical appliances	30329	5988	6672	5	299	145621	9893		914	644	3757		1	
92	Communication equipments	939042	64146	179607	4917	23803	13069	1512			3177	45677		135	
93	Other electrical Machinery	196680	84190	669389	3168	90453	756001	60361	9287	40579	5093	11394	65837	23	
94	Electronic equipments(incl.TV)	109284	92158	507652	6997	40490	50450	683	2984		1415	49823	13	67	
95	Ships and boats				617700		4190					2089			
96	Rail equipments					546941		580	168	750		29			
97	Motor vehicles	167					2011560	156066	45	2861			433		
98	Motor cycles and scooters						149889	1232176	3065	1793					
99	Bicycles, cycle-rickshaw						4300	9332	218951			257			
100	Other transport equipments						23675			5559		25			
101	Watches and clocks										96422	31699	28		
102	Medical, precision&optical instru.s	372	2347	961	14	9	26	3313				292397			

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs													
Code/ Sector	Commodity	Industry	92	93	94	95	96	97	98	99	100	101	102	103	104
103	Jems & jewelry		11	9681				3				31		4133308	
104	Aircraft & spacecraft														111194
105	Miscellaneous manufacturing		6055	6293	3620	1814	2421	11423	37710	3768	77	3713	24367	1013374	729
106	Construction		87044	18439	2145	217	12232	95635	7091	6477	498	12957	4402	101373	1152
107	Electricity		102060	75468	48976	1437	24687	304922	116118	9061	2650	5832	88132	23993	845
108	Water supply							14935							
109	Railway transport services		5517	7595	3263	861	6294	52399	10312	1993	687	332	94906	585066	11
110	Land tpt including via pipeline		55399	211444	61410	3273	27741	511666	102054	46950	8384	36218	215419	1101807	2878
111	Water transport		214	527	141	13	161	951	321	82	32	15	8278	27971	8
112	Air transport		13253	8543	8317	493	7341	54500	10224	2639	1412	106	10008	60988	3
113	Supporting and aux. tpt activities		3891	5995	2881	132	2319	38774	7889	4689	500	3519	41896	24901	11
114	Storage and warehousing														
115	Communication		769268	9722	45250	538	3838	60130	49309	1820	11386			131983	
116	Trade		98352	105129	98174	2853	83974	929336	356881	112883	13339	21987	39963	320232	272
117	Hotels and restaurants														
118	Banking		9530	15376	48091	3531	44934	787322	142244	9918	7478	7476	141236	319307	287
119	Insurance		96721	6667	14591	5428	17948	190677	57986	811	642	4828	45327	7976	769
120	Ownership of dwellings														
121	Education and research														
122	Medical and health														
123	Business services		75686	6758	32536	202	202	128947	2504	4388	8933	9057	9105	258266	112
124	Computer & related activities		5283	6610	6484	2830	10558	31392	3316	12087	463	5355	9420	42740	1503
125	Legal services		8013	11005	666	313	559	24760	14935	5815	1888	40	294	48343	670
126	Real estate activities														
127	Renting of machinery & equipment		304	72	780			5171	317	1333	2496	136	414	3063	8
128	O.com, social&personal services		84831	694	149	40	244	16404	247	49	42	39	8185	158322	1416
129	Other services		1890	1455	938	827	764	7869	1183	2699	9994	1009	65502	7389	1250
130	Public administration														
	Total Input		3347408	1802855	1978255	689625	1526653	13495221	3356612	703315	204525	247991	1437314	9445313	125175
	NIT		250982	117870	175438	-50846	87748	897130	235595	27524	17686	11093	101812	208765	1537
	Total Input+NIT		3598390	1920725	2153693	638778	1614401	14392351	3592207	730840	222211	259083	1539126	9654078	126712
	GVA		551903	679709	496331	147973	566063	2126105	705432	132963	126593	293427	554629	2834838	18777
	Total Output		4150293	2600434	2650024	786751	2180464	16518456	4297639	863803	348804	552511	2093755	12488915	145489

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix			Rs. Lakhs											
Code/ Sector	Commodity	Industry	105	106	107	108	109	110	111	112	113	114	115	116
1	Paddy							5	16					
2	Wheat							349	28		5			
3	Jowar													
4	Bajra							176						
5	Maize													
6	Gram							16855						
7	Pulses							6488						
8	Sugarcane				593									
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber		6493											
17	Tobacco									6				
18	Fruits													
19	Vegetables													
20	Other crops		4859	266010		113		1161463	2627	1				
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.		14049	34729	1	3								
25	Forestry and logging		2275	2540623	235		25							
26	Fishing				1									
27	Coal and lignite		397		1431998	34	7133		6					
28	Natural gas				374355	378								
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													
34	Other metallic minerals		41											

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	105	106	107	108	109	110	111	112	113	114	115	116
35	Lime stone													
36	Mica													
37	Other non metallic minerals		1912	1542993	487									
38	Sugar													
39	Khandsari, boora		227											
40	Hydrogenated oil(vanaspati)								30					
41	Edible oils other than vanaspati		3192					5527	390					
42	Tea and coffee processing								11					
43	Miscellaneous food products		551		2731			2804	616			216		
44	Beverages		1206			121			129					
45	Tobacco products													
46	Khadi, cotton textiles(handlooms)		1771		1									
47	Cotton textiles		10954		5		436	3565						1425
48	Woolen textiles		1137					23236						
49	Silk textiles													
50	Art silk, synthetic fiber textiles		38292											
51	Jute, hemp, mesta textiles		7265	266347	17	10	22				738	4772		55571
52	Carpet weaving		2											
53	Readymade garments		885	56923	31411	1403	47	11230	7455	15286	131	1566	6193	3899
54	Miscellaneous textile products		23715	15841	6	49	78	893396	1119			7705		
55	Furniture and fixtures-wooden		10292	34209	32485	2396	134	4320	10663	20826	222	297	13884	6707
56	Wood and wood products		54383	1281752	563	33	26	625			575	4317		59564
57	Paper, paper prods. & newsprint		76104	145443	19275	2748	2268	217848	2062	3988	72372	6709	35379	246113
58	Printing and publishing		323	64083	21538	1916	4186	155260	1742	2147	87900	314	24179	530874
59	Leather footwear		399					7372						
60	Leather and leather products		30518		266			127						
61	Rubber products		27459	8599	2928	271	37	1515441	4020	7584	6492	28	4792	5006
62	Plastic products		313074	20362	18	238	32	331496	6629	141915	33991	2903	9442	38032
63	Petroleum products		44709	1155060	1269103	3828	117422	12693943	33539	193067	53577	3908	105646	971323
64	Coal tar products		230	1505047	43746		88							
65	Inorganic heavy chemicals		9985		931	3343		795				1502		1281
66	Organic heavy chemicals		15522		35	2179				3				
67	Fertilizers		1022	40894		18915								
68	Pesticides		159	9300	1830		3	784				6023		66

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	105	106	107	108	109	110	111	112	113	114	115	116
69	Paints, varnishes and lacquers		29649	1009126	22			83642	85277	64714	12413	9		
70	Drugs and medicines		4		39		8	392	7					
71	Soaps, cosmetics & glycerin		12164			132			74	11179				
72	Synthetic fibers, resin		363293					1152						
73	Other chemicals		10651		78832	2755	155	750	5	17427		197		3
74	Structural clay products		3	3040334								109		
75	Cement			5019089								101		
76	Other non-metallic mineral prods.		6678	2965295	38	23	387	45790						19
77	Iron, steel and ferro alloys		42534	7409432	55	1623	148	366			46	295		5031
78	Iron and steel casting & forging		66535											
79	Iron and steel foundries		38758	3591151	43	1003	131	302			30	255		3108
80	Non-ferrous basic metals		8527		154			202						
81	Hand tools, hardware		5430		330	98	206	293401	3416	24				701868
82	Miscellaneous metal products		185905	3101924	4408	1659	314	12887	114	146	26	574	4935	781
83	Tractors and agri. implements		12526											
84	Industrial machinery(F & T)		4334											
85	Industrial machinery(others)		448	79115										
86	Machine tools		34432	3	162		1685							34698
87	Other non-electrical machinery		230236	155021	194158	8262	5163	869254	5219		102	11346	18463	4720
88	Electrical industrial Machinery		91673		428948	410	5917							
89	Electrical wires & cables		4451	897080	304		144	108853	6500	2411			9997	
90	Batteries		866	1789	1041	60	20	283238	369	371	1441	6	782	1111
91	Electrical appliances		1770	4473	1716	104	2477	184	242	6366	10	14	1370	288
92	Communication equipments		144578			1067	9808	1142	3253				1124585	
93	Other electrical Machinery		154973		225565	522	3860	45	180				34107	4
94	Electronic equipments(incl.TV)		178074	12467	11061	1810	362	1251	3584	6932	32951	138	5508	2103
95	Ships and boats			787	5017	289	71		197049		36	3890	616	
96	Rail equipments		5004	6			1138957							
97	Motor vehicles		6578	68653	77224	1152		1146541	1846	3332	29369	181	19288	11398
98	Motor cycles and scooters			88	2102	14	2	24	2		1	2	116	40
99	Bicycles, cycle-rickshaw		3	2923	483	133	8	220	11		12	17	355	370
100	Other transport equipments		8711		1			1383		402				1
101	Watches and clocks		205064				4486							
102	Medical, precision&optical instru.s		223010											

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	105	106	107	108	109	110	111	112	113	114	115	116
103	Jems & jewelry		148946		23									
104	Aircraft & spacecraft									42731				
105	Miscellaneous manufacturing		12915	515163	101195	2163	126483	212463	1876	137418		2246	14502	232935
106	Construction		48290	13150788	279845	124079	364784	395716	13561	71121	65306	15055	81577	362816
107	Electricity		131772	1031247	2709522	31505	572549	263882	9895	25067	95795	61863	146430	522238
108	Water supply			188631	15722	136079	231	10077	10977	2298		3	210	678
109	Railway transport services		80370	434930	204094	2683	7713	89317	735	2840	20001	1903	13140	18309
110	Land tpt including via pipeline		526397	4181517	281559	206328	60074	1262985	63974	173936	447613	11091	90227	3425909
111	Water transport		6791	110028	29538	82	1483	126786	361	2179	535	67	1081	10240
112	Air transport		8448	35572	6536	337	609	17765	475	592	1828	86	5762	12394
113	Supporting and aux. tpt activities		48302	420727	27743	450	1155	95455	845	2495	8256	486	2182	27783
114	Storage and warehousing								160		8974			432813
115	Communication		605	95429	122260	5330	7947	650240	20059	64030	172074		67714	246276
116	Trade		286105	8314218	903142	3801	89179	3829251	58079	96700	34907	7369	68493	501056
117	Hotels and restaurants			40064	93123	17548	10168	4923038	19347	30530	394292	6065	23048	1122777
118	Banking		534247	2056311	717744	35499	107459	313770	5481	11047	74421	5009	19483	2700538
119	Insurance		104855	542889	83127	794	474	417614	17529	22625	71810	7551	4568	461671
120	Ownership of dwellings													
121	Education and research			8				8995		3853	42609		79324	
122	Medical and health							96595					11066	
123	Business services		34107	1300898	3964	47281	2466	1400226	11585	13304	60716	3351	13610	596114
124	Computer & related activities		18750	8429	2313	228	6837	27995	2624	30969	8838	5048	6386	73219
125	Legal services		872	31028	876	970	998	7118	914	1268	26433	1839	3344	42995
126	Real estate activities			142380					2211				1808	
127	Renting of machinery & equipment		1363	10664	1	288	68141	44274	2386	6349	518		4650	197
128	O.com, social&personal services		41745	5503	38609	943	55	77475	69	624	45419	79	15331	8699
129	Other services		1591	39611	2004	900	1098	24042	733	1081	987	1000	2796	504
130	Public administration													
	Total Input		4816731	69003006	9889200	676384	2841739	34093612	625955	1279941	1871169	187711	2096838	13484977
	NIT		298004	3909894	255001	4616	59161	4652401	14147	111057	67118	-511	144062	600114
	Total Input+NIT		5114735	72912900	10144200	681000	2900900	38746013	640103	1390998	1938287	187200	2240900	14085091
	GVA		1488758	38891400	6731700	923900	4360800	21302748	918771	1068322	2134459	271600	6606900	70455300
	Total Output		6603494	111804300	16875900	1604900	7261700	60048761	1558874	2459320	4072745	458800	8847800	84540391

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	117	118	119	120	121	122	123	124	125	126	127	128
1	Paddy		480768				3115	8154	16		2	1		14
2	Wheat		306946				3414	3811	24		3	1		21
3	Jowar													
4	Bajra		391											
5	Maize		4											
6	Gram		3295											
7	Pulses		702158				1755	11181	76		11	3		66
8	Sugarcane		121459											
9	Groundnut													
10	Coconut		272											
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits		109649											
19	Vegetables		676378											
20	Other crops		591045				15745	54931	4366		636	166		3967
21	Milk and milk products		1781687				4130	17564	119		17	5		104
22	Animal services(agricultural)													
23	Poultry & Eggs		542289											
24	Other liv.st. produ.		599765				400	1719	5666		825	215		5148
25	Forestry and logging													
26	Fishing		67318											
27	Coal and lignite		5003						437		51	13		325
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													
34	Other metallic minerals													

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	117	118	119	120	121	122	123	124	125	126	127	128
35	Lime stone													
36	Mica													
37	Other non metallic minerals													
38	Sugar		225617											
39	Khandsari, boora		198261											
40	Hydrogenated oil(vanaspati)		341091											
41	Edible oils other than vanaspati		354304											
42	Tea and coffee processing		202822											
43	Miscellaneous food products		1925748		7066									
44	Beverages		341915		4698									
45	Tobacco products		102											
46	Khadi, cotton textiles(handlooms)													
47	Cotton textiles								1859		276	39		1450
48	Woolen textiles													
49	Silk textiles													
50	Art silk, synthetic fiber textiles				3389									
51	Jute, hemp, mesta textiles													
52	Carpet weaving		764							10150				
53	Readymade garments		248783	14864	7689		12335	59099		6881				90
54	Miscellaneous textile products		13				6767	36747	13816	3508	2013	525		12558
55	Furniture and fixtures-wooden		155089	30887	21779		34955	134233	118634		2133	4508		28748
56	Wood and wood products			385										
57	Paper, paper prods. & newsprint		123400	65727	52023		6152	15060	28181		4100	1071		10615
58	Printing and publishing		20436	72927	71121		43966	33609	6470	24693	9067	246		6024
59	Leather footwear													
60	Leather and leather products													
61	Rubber products		157	6572	5698		671	1014						7
62	Plastic products													
63	Petroleum products		153474	73215	53565		25045	48119	2191		319	83		3278
64	Coal tar products													
65	Inorganic heavy chemicals						1826	4523						
66	Organic heavy chemicals						18602	43710						
67	Fertilizers													
68	Pesticides		160	1	1				1					

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs											
Code/ Sector	Commodity \ Industry	117	118	119	120	121	122	123	124	125	126	127	128
69	Paints, varnishes and lacquers												
70	Drugs and medicines					45524	1887501	7366		1073	280		5054
71	Soaps, cosmetics & glycerin	25422											
72	Synthetic fibers, resin												
73	Other chemicals	5						10576		98	402		5086
74	Structural clay products												
75	Cement												
76	Other non-metallic mineral prods.	9072	3	3		1	2	1617		190	24		993
77	Iron, steel and ferro alloys												3
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware	11						1128		164	43		1025
82	Miscellaneous metal products	344	17009	22457		429	6256	16105		2347	612		3585
83	Tractors and agri. implements												
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery	146168	16182	7247		3200	8733	255		37	10		288
88	Electrical industrial Machinery		1286										
89	Electrical wires & cables												
90	Batteries	204	1695	1227		182	233					837	2
91	Electrical appliances	14477	1965	2233		757	1333	5101		654	146		3790
92	Communication equipments	20063	29					85324	36137	11258	2936	3709	205460
93	Other electrical Machinery	23306						321		47	12		292
94	Electronic equipments(incl.TV)	67517	131043	25314		1319	123606	239431	177898	41	11	2755	257
95	Ships and boats	138	2279	16559		843	4514	106225		15477	4036		96552
96	Rail equipments												
97	Motor vehicles	2793	13928	51797		7677	13236	52986	33697			808	77
98	Motor cycles and scooters	15	39541	16033		55	109		9828			2188	1
99	Bicycles, cycle-rickshaw	5	1754	683		193	1012		56254				9
100	Other transport equipments		1	1				2	6075	31105	6021		
101	Watches and clocks					2	345						
102	Medical, precision&optical instru.s			5448									

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs												
Code/ Sector	Commodity	Industry	117	118	119	120	121	122	123	124	125	126	127	128
103	Jems & jewelry													
104	Aircraft & spacecraft													
105	Miscellaneous manufacturing		52871	25480	3131		19708	23529	52435	71127	28	558		520907
106	Construction		451940	303153	11557	969194	203872	117240	200997	450313	166	641	13954	63809
107	Electricity		251339	265271	93171		13343	24957	105151	432308	63181	770	15978	19118
108	Water supply		11839	8864	856		602	776		57780				3
109	Railway transport services		24116	90066	43690		1145	11148	11689	29440	15	13	4	5440
110	Land tpt including via pipeline		688479	311260	170463		553653	212881	63935	87269	18255	993	2934	140715
111	Water transport		47309	787	850		333	626	159	138	5	3		1024
112	Air transport		13989	61443	9870		8049	7406	27446	13731	20340	46	37	993
113	Supporting and aux. tpt activities		76432	3400	3588		2147	19248	3062	2123	354	91	13	2345
114	Storage and warehousing		2276											
115	Communication		62028	570973	230387		54701	104263	168432	119050	898	12935	825	83988
116	Trade		2062408	48360	31623		31245	161570	48901	54227	3653	877	854	58451
117	Hotels and restaurants		947421	465964	220530		240346	888736	580425	267242	24806	71203	5250	80046
118	Banking		372718	873729	81198	182248	344921	119824	175122	374058	44534	4588	16216	327910
119	Insurance		85304	216959	62050		32307		56	53824	5	1		34
120	Ownership of dwellings													
121	Education and research						109114	44909		623268				
122	Medical and health				51146					360036				
123	Business services		22240	83239	8218	1	37251	925	1112880	626651	8671	163	6376	309199
124	Computer & related activities		22684	28440	1415	112	2966	5851	16544	504615	209	96	105	4270
125	Legal services		8069	10204	3820		2346	13547	136712	47912	52935	126372	1912	19560
126	Real estate activities								242324			152985		
127	Renting of machinery & equipment		287				536	65	653	1587	1		6836	11276
128	O.com, social&personal services		48224	59851	902		201	22208	47064	48112	13299	26058	2521	359361
129	Other services		11400	1834	2101	2	6523	4279	2339	2778	2580	1696		7065
130	Public administration													
	Total Input		15853477	3920570	1406596	1151557	1904368	4304344	3710690	4617739	310798	415478	84113	2410397
	NIT		55931	154052	64282	25199	48176	224201	198913	100604	-2917	19440	887	85130
	Total Input+NIT		15909408	4074622	1470878	1176756	1952545	4528546	3909603	4718343	307882	434918	85000	2495527
	GVA		7818537	20461000	4658500	23862459	16646356	7164881	4004560	13273897	1377421	1156313	352248	8388215
	Total Output		23727944	24535622	6129378	25039215	18598901	11693426	7914163	17992240	1685303	1591231	437248	10883742

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs											
Code/ Sector	Commodity	Industry	129	130	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
1	Paddy		4		8408871	9807455	174924		-246478	1133106	42	10868965	19277836
2	Wheat		6		3868280	7297113	187487		-164698	5554	266016	7059439	10927720
3	Jowar				204688	559536	3459		-19137	2134		545993	750681
4	Bajra				217231	551915			-16562	5944		541297	758528
5	Maize				287039	853229			-31040	206593	838	1027944	1314983
6	Gram				556707	839061	2657		-4596			837122	1393829
7	Pulses		18		2897009	3244674	59244		-22701	43090	311231	3013077	5910086
8	Sugarcane				3683054	45541			21239			66780	3749834
9	Groundnut				1365783	798560			-35846			762714	2128497
10	Coconut				230344	506414			-20863			485551	715895
11	Other oilseeds				3277404	1149016			36630	45503	19215	1211933	4489337
12	Jute				194546				-329			-330	194216
13	Cotton				3212889				-256721			-256721	2956167
14	Tea				348995				26854			26854	375849
15	Coffee				219772	50424			4209			54632	274404
16	Rubber				709733				43159	34070	78889	-1660	708073
17	Tobacco				130031	47285			2537	78568	2152	126239	256270
18	Fruits				3583288	3215840			1221	222775	354488	3085349	6668637
19	Vegetables				860272	7897363			670	134345	271207	7761171	8621443
20	Other crops		1042		7634196	2955512	355992		-13221	242242	95448	3445078	11079274
21	Milk and milk products		28		3101289	13296226	84419		41078	2528	51	13424201	16525490
22	Animal services(agricultural)				3114916								3114916
23	Poultry & Eggs				571886	2016617	94717		262	28448	1430	2138614	2710500
24	Other liv.st. produ.		1352		3372604	1683073	41369	186885	287987	103616	47938	2254993	5627597
25	Forestry and logging				5333623	4581753	40		104041	130713	516161	4300385	9634008
26	Fishing				946616	3252221			12420	383695	18752	3629584	4576200
27	Coal and lignite		178		7116012	49258	13860		24253	17960	2083253	-1977923	5138089
28	Natural gas				3370412	1356	44103		6743	28889	1886926	-1805835	1564577
29	Crude petroleum				29579113				-4398	426262	25496157	-25074293	4504820
30	Iron ore				1158942				14340	1182506	17884	1178962	2337904
31	Manganese ore				203312				-23816	4208	63092	-82700	120612
32	Bauxite				38733				-38009	78682	8734	31939	70671
33	Copper ore				667534				110	152	617700	-617438	50096
34	Other metallic minerals				230991				126823	201396	163222	164996	395987

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs											
Code/ Sector	Commodity	Industry	129	130	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
35	Lime stone				278746				2590	3314	39293	-33388	245358
36	Mica				20603				-23081	4253	169	-18997	1606
37	Other non metallic minerals	1			3006382				-401799	3517212	3961839	-846426	2159956
38	Sugar				771661	1354841	306212		373637	341759	760	2375688	3147349
39	Khandsari, boora				661964	550894			18594			569488	1231452
40	Hydrogenated oil(vanaspati)				607373	427432	97695		120153			645280	1252654
41	Edible oils other than vanaspati				2162983	4032070	924979		86725	780240	1042599	4781415	6944398
42	Tea and coffee processing				227655	509609	120097		219978	234507	30749	1053441	1281097
43	Miscellaneous food products	89			5226671	10698081	337997		652750	986438	143481	12531786	17758458
44	Beverages	1			550287	2562334	27190		144979	19657	39830	2714330	3264617
45	Tobacco products				261830	2073001			103398	45565	4256	2217707	2479538
46	Khadi, cotton textiles(handlooms)	1			495100	172243			328937	186985	90515	597650	1092750
47	Cotton textiles	970			2511133	5887493			612947	1250039	128579	7621900	10133034
48	Woolen textiles				355877	604059			38685	96060	139228	599576	955453
49	Silk textiles				226151	205848			71914	100977	158149	220590	446741
50	Art silk, synthetic fiber textiles				2988350	2475895			265136	576267	281027	3036270	6024620
51	Jute, hemp, mesta textiles	5			879509	60018	1		36272	59162	47036	108417	987926
52	Carpet weaving				19729	217820		359422	-279021	380850	21786	657286	677015
53	Readymade garments	482			1375155	3487499	325417		295260	4112191	52385	8167982	9543137
54	Miscellaneous textile products	3302			2808724	2287971	219576		224625	391407	345450	2778129	5586853
55	Furniture and fixtures-wooden	29090			958383	1389860	241497	826419	621612	100484	30557	3149315	4107698
56	Wood and wood products	26			2319359	553825	55	41147	158817	37531	97798	693578	3012938
57	Paper, paper prods. & newsprint	7518			4479788	562236	353920		260552	151386	863908	464185	4943973
58	Printing and publishing	3393			1625266	1309172	627692		135709	65190	279878	1857884	3483150
59	Leather footwear				26788	823706	195027		72815	68858	24361	1136044	1162832
60	Leather and leather products				1571132	545478			99356	640736	171237	1114332	2685464
61	Rubber products	310			2447019	330358	11291	1601214	464296	664547	312106	2759601	5206620
62	Plastic products	206			5156898	1694354	22074	959899	474646	444438	482651	3112759	8269658
63	Petroleum products	3952			25786491	9826000	773135		3104986	6985819	4434680	16255261	42041752
64	Coal tar products				2179698		96		49944	32888	541000	-458073	1721624
65	Inorganic heavy chemicals	611			5331311		888		359698	326262	1140493	-453645	4877666
66	Organic heavy chemicals	116			5287978		12240		168900	2342043	3286379	-763196	4524782
67	Fertilizers				6200617				551828	12216	1843576	-1279532	4921085
68	Pesticides	64			1119765		7123		58568	199300	89230	175762	1295527

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs										
Code/ Sector	Commodity \ Industry	129	130	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
69	Paints, varnishes and lacquers	77		2039391	159931			394054	317536	298071	573451	2612842
70	Drugs and medicines	36385		3836079		517734		1010266	1452725	281865	2698861	6534939
71	Soaps, cosmetics & glycerin	994		602384	3320768	6412		188579	189352	88536	3616575	4218959
72	Synthetic fibers, resin			4563654				115379	620879	1480106	-743848	3819806
73	Other chemicals	4016		3653686	349867	42878		179540	428997	1019351	-18070	3635616
74	Structural clay products	16		3376635				119376	14190	68130	65436	3442071
75	Cement	15		5350357				275634	45145	21816	298963	5649320
76	Other non-metallic mineral prods.	537		3884465	651596	196	363972	431484	410385	380424	1477208	5361674
77	Iron, steel and ferro alloys	28		19881625			1044282	2697750	2286176	3530451	2497757	22379382
78	Iron and steel casting & forging			4197997			964770	365795	195661	187834	1338391	5536388
79	Iron and steel foundries			6434185			1319525	470147	1063729	1031417	1821984	8256169
80	Non-ferrous basic metals			11638316			2919976	472741	1599178	9189649	-4197754	7440562
81	Hand tools, hardware	300		2842561			295208	91762	202953	327191	262732	3105293
82	Miscellaneous metal products	3935		7338044	862584	52606	2391173	249730	556595	372774	3739914	11077958
83	Tractors and agri. implements			475212			2158018	67327	131679	33184	2323840	2799052
84	Industrial machinery(F & T)			1036465			1419944	731575	190626	1519531	822614	1859079
85	Industrial machinery(others)			770115			1429288	334133	123415	893780	993057	1763172
86	Machine tools			2625274		58	2359816	352304	203810	1322286	1593701	4218975
87	Other non-electrical machinery	507		8994920	838073	67618	8433452	1601838	1674597	5543678	7071900	16066820
88	Electrical industrial Machinery			1570609			5230832	-771764	624269	917359	4165977	5736586
89	Electrical wires & cables			1349673			1001835	-283563	146055	369346	494982	1844655
90	Batteries	74		459489	70612	19030	78024	23655	27526	181222	37624	497114
91	Electrical appliances	2007		388873	1075271	122451	360570	65006	33686	112300	1544685	1933557
92	Communication equipments	28100		3079065	183794	260145	3598969	586603	398271	4719678	308104	3387169
93	Other electrical Machinery	4211		3854853			672126	501862	598411	1212782	559617	4414470
94	Electronic equipments(incl.TV)	39999		2203658	915141	405413	1494203	343802	171575	2356530	973604	3177262
95	Ships and boats	25315		1267593			238034	236454	778589	1734325	-481248	786346
96	Rail equipments			1692438			403715	102439	28981	61756	473378	2165816
97	Motor vehicles	1429		3865369	1992531	591142	9686774	-1845235	1265760	1435988	10254985	14120354
98	Motor cycles and scooters	5		1460986	1593708	207025		250194	153297	85782	2118443	3579429
99	Bicycles, cycle-rickshaw	46		303118	112922	4994	341046	53337	16801	5452	523647	826766
100	Other transport equipments	6750		113426			257613	-87231	17471	23450	164403	277829
101	Watches and clocks			355864	130384		60499	16454	12037	49232	170142	526006
102	Medical, precision&optical instru.s			587065			1497779	359855	99285	513156	1443764	2030829

Matrix 1: INPUT OUTPUT MATRIX (COMMODITY X INDUSTRY) - 2007-08 AT FACTOR COST

Absorption Matrix		Rs. Lakhs											
Code/ Sector	Commodity	Industry	129	130	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
103	Jems & jewelry				4300874	1481148		5695	6731656	1764595	1792357	8190737	12491612
104	Aircraft & spacecraft				153925			5041541	9542	270105	5357006	-35817	118108
105	Miscellaneous manufacturing	28890			3713890	1219260	71012	1948456	-268245	1130731	2417368	1683845	5397736
106	Construction	37073			21964653	329701	1195071	88166042		562824	284400	89969237	111933890
107	Electricity	51567			14727098	1643094	831535			23		2474652	17201750
108	Water supply	35			493009	265886	846005					1111891	1604900
109	Railway transport services	1570			4115343	1880675	284614	447497		533572		3146357	7261700
110	Land tpt including via pipeline	16943			28131648	24175312	1509958	2332803		3899040		31917113	60048761
111	Water transport	106			742639	645630	40640	47675		1997090	1914800	816235	1558874
112	Air transport	515			1329912	1501989	307086	76997		1382935	2139600	1129408	2459320
113	Supporting and aux. tpt activities	1162			2041970	1016235	91985	375807		1120149	573400	2030776	4072745
114	Storage and warehousing				452843		5978					5978	458822
115	Communication	124895			5112335	2168696	856182			1056787	346200	3735465	8847800
116	Trade	15683			48943831	27527251	1234464	4135911		7708605		40606231	89550062
117	Hotels and restaurants	1671			10694898	12613406	419640					13033046	23727944
118	Banking	111202			17946268	5763165	826189					6589354	24535622
119	Insurance	309			4096134	1654903	191503			606038	419200	2033244	6129378
120	Ownership of dwellings					25039215						25039215	25039215
121	Education and research				1040819	13628725	5059756				1130400	17558082	18598901
122	Medical and health				518843	9942072	1240717				8206	11174583	11693426
123	Business services	11134			7810767	461197	712100	504828		7654971	9229700	103396	7914163
124	Computer & related activities	5898			1781295	825845	309653	489230		15935617	1349400	16210945	17992240
125	Legal services	15297			926318	600923	91843			251213	184994	758985	1685303
126	Real estate activities				542025	1049206						1049206	1591231
127	Renting of machinery & equipment	9818			234630	192563	51568					244131	478761
128	O.com, social&personal services	29386			3502706	5433552	1947484					7381036	10883742
129	Other services	299079			1098646	543094	525900			3970838	3285601	1754231	2852876
130	Public administration						23499200					23499200	23499200
	Total Input	969743			493133258	273201468	50114255	157568911	25504800	95826337	124246878	477968893	971102151
	NIT	190440			19826657	5088131	1187845	7119096		7278763		20673836	40500493
	Total Input+NIT	1160182			512959915							498642729	1011602644
	GVA	1680348	23499200		458142235								458142235
	Total Output	2840530	23499200		971102150	278289600	51302100	164688007	25504800	103105100	124246878	498642729	1469744879

MATRIX 2: INPUT – OUTPUT MATRIX (INDUSTRY X COMMODITY)

MAKE MATRIX

2007-08

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry	Commodity	Rs. Lakhs											
			1	2	3	4	5	6	7	8	9	10	11	12
1	Paddy		19068547	32944					7359	84322		1589		64
2	Wheat		92887	10585291						100921				15
3	Jowar				748058									
4	Bajra					758379								
5	Maize						1308547							
6	Gram							1383349	3057					
7	Pulses		57813	40749				2249	5479903					
8	Sugarcane									3749834				
9	Groundnut										2110492			
10	Coconut											715538		
11	Other oilseeds												4197322	
12	Jute													194216
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops		25535	71718	2233		22	331	160126		1245		35473	
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		1	2	3	4	5	6	7	8	9	10	11	12
34	Other metallic minerals												
35	Lime stone												
36	Mica												
37	Other non metallic minerals												
38	Sugar												
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)							8360		15151		256357	
41	Edible oils other than vanaspati									20	357	107	
42	Tea and coffee processing												
43	Miscellaneous food products	33053	197018	390	149	6410	542	73398					
44	Beverages					3							
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles												
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles												
51	Jute, hemp, mesta textiles												
52	Carpet weaving												
53	Readymade garments												
54	Miscellaneous textile products												
55	Furniture and fixtures-wooden												
56	Wood and wood products												
57	Paper, paper prods. & newsprint												
58	Printing and publishing												
59	Leather footwear												
60	Leather and leather products												
61	Rubber products												
62	Plastic products												
63	Petroleum products												
64	Coal tar products												
65	Inorganic heavy chemicals												
66	Organic heavy chemicals												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs												
		1	2	3	4	5	6	7	8	9	10	11	12	
67	Fertilizers													
68	Pesticides													
69	Paints, varnishes and lacquers													
70	Drugs and medicines													
71	Soaps, cosmetics & glycerin													
72	Synthetic fibers, resin													
73	Other chemicals													
74	Structural clay products													
75	Cement													
76	Other non-metallic mineral prods.													
77	Iron, steel and ferro alloys													
78	Iron and steel casting & forging													
79	Iron and steel foundries													
80	Non-ferrous basic metals													
81	Hand tools, hardware													
82	Miscellaneous metal products													
83	Tractors and agri. implements													
84	Industrial machinery(F & T)													
85	Industrial machinery(others)													
86	Machine tools													
87	Other non-electrical machinery													
88	Electrical industrial Machinery													
89	Electrical wires & cables													
90	Batteries													
91	Electrical appliances													
92	Communication equipments													
93	Other electrical Machinery													
94	Electronic equipments(incl.TV)													
95	Ships and boats													
96	Rail equipments													
97	Motor vehicles													
98	Motor cycles and scooters													
99	Bicycles, cycle-rickshaw													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		1	2	3	4	5	6	7	8	9	10	11	12
100	Other transport equipments												
101	Watches and clocks												
102	Medical, precision&optical instru.s												
103	Jems & jewelry												
104	Aircraft & spacecraft												
105	Miscellaneous manufacturing												
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	19277836	10927720	750681	758528	1314983	1393829	5910086	3749834	2128497	715895	4489337	194216

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs											
Sector /Code	Industry \ Commodity	13	14	15	16	17	18	19	20	21	22	23	24
		1	Paddy							3489	1441009		
2	Wheat							33593	1813381				
3	Jowar								351838				
4	Bajra								173142				
5	Maize								225807				
6	Gram								80701				
7	Pulses							303	109471				
8	Sugarcane								209303				
9	Groundnut								157846				
10	Coconut												
11	Other oilseeds												
12	Jute								16158				
13	Cotton	2953945							74910				
14	Tea		375849										
15	Coffee			274404									
16	Rubber				708073								
17	Tobacco					256270							
18	Fruits						6668637						
19	Vegetables							8566286					
20	Other crops							17772	6425704				
21	Milk and milk products									16525474			
22	Animal services(agricultural)										3114916		
23	Poultry & Eggs											2710500	
24	Other liv.st. produ.												5627597
25	Forestry and logging												
26	Fishing												
27	Coal and lignite												
28	Natural gas												
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		13	14	15	16	17	18	19	20	21	22	23	24
34	Other metallic minerals												
35	Lime stone												
36	Mica												
37	Other non metallic minerals												
38	Sugar									15			
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)	2222											
41	Edible oils other than vanaspati												
42	Tea and coffee processing												
43	Miscellaneous food products												
44	Beverages							1					
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles												
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles												
51	Jute, hemp, mesta textiles								3				
52	Carpet weaving												
53	Readymade garments												
54	Miscellaneous textile products												
55	Furniture and fixtures-wooden												
56	Wood and wood products												
57	Paper, paper prods. & newsprint												
58	Printing and publishing												
59	Leather footwear												
60	Leather and leather products												
61	Rubber products												
62	Plastic products												
63	Petroleum products												
64	Coal tar products												
65	Inorganic heavy chemicals												
66	Organic heavy chemicals												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		13	14	15	16	17	18	19	20	21	22	23	24
67	Fertilizers												
68	Pesticides												
69	Paints, varnishes and lacquers												
70	Drugs and medicines												
71	Soaps, cosmetics & glycerin												
72	Synthetic fibers, resin												
73	Other chemicals												
74	Structural clay products												
75	Cement												
76	Other non-metallic mineral prods.												
77	Iron, steel and ferro alloys												
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware												
82	Miscellaneous metal products												
83	Tractors and agri. implements												
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery												
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries												
91	Electrical appliances												
92	Communication equipments												
93	Other electrical Machinery												
94	Electronic equipments(incl.TV)												
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles												
98	Motor cycles and scooters												
99	Bicycles, cycle-rickshaw												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		13	14	15	16	17	18	19	20	21	22	23	24
100	Other transport equipments												
101	Watches and clocks												
102	Medical, precision&optical instru.s												
103	Jems & jewelry												
104	Aircraft & spacecraft												
105	Miscellaneous manufacturing												
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	2956167	375849	274404	708073	256270	6668637	8621443	11079274	16525490	3114916	2710500	5627597

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry	Commodity	Rs. Lakhs											
			25	26	27	28	29	30	31	32	33	34	35	36
1	Paddy													
2	Wheat													
3	Jowar													
4	Bajra													
5	Maize													
6	Gram													
7	Pulses													
8	Sugarcane													
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops													
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging	9634000												
26	Fishing		4576200											
27	Coal and lignite			5138089										
28	Natural gas				1564516									
29	Crude petroleum					4504820								
30	Iron ore							2337904						
31	Manganese ore								120604					
32	Bauxite									56839				
33	Copper ore										50096			

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs											
Sector /Code	Industry \ Commodity	25	26	27	28	29	30	31	32	33	34	35	36
34	Other metallic minerals										393260		
35	Lime stone											240885	
36	Mica												1606
37	Other non metallic minerals												
38	Sugar				9						3		
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)												
41	Edible oils other than vanaspati												
42	Tea and coffee processing												
43	Miscellaneous food products												
44	Beverages												
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles												
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles												
51	Jute, hemp, mesta textiles												
52	Carpet weaving												
53	Readymade garments												
54	Miscellaneous textile products												
55	Furniture and fixtures-wooden												
56	Wood and wood products												
57	Paper, paper prods. & newsprint												
58	Printing and publishing												
59	Leather footwear												
60	Leather and leather products												
61	Rubber products												
62	Plastic products												
63	Petroleum products												
64	Coal tar products												
65	Inorganic heavy chemicals				28								
66	Organic heavy chemicals				24								

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs											
Sector /Code	Industry \ Commodity	25	26	27	28	29	30	31	32	33	34	35	36
67	Fertilizers												
68	Pesticides												
69	Paints, varnishes and lacquers												
70	Drugs and medicines												
71	Soaps, cosmetics & glycerin												
72	Synthetic fibers, resin												
73	Other chemicals												
74	Structural clay products								13819				
75	Cement											362	
76	Other non-metallic mineral prods.	8									2724	4111	
77	Iron, steel and ferro alloys												
78	Iron and steel casting & forging							8					
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware												
82	Miscellaneous metal products												
83	Tractors and agri. implements												
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery												
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries												
91	Electrical appliances								13				
92	Communication equipments												
93	Other electrical Machinery												
94	Electronic equipments(incl.TV)												
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles												
98	Motor cycles and scooters												
99	Bicycles, cycle-rickshaw												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		25	26	27	28	29	30	31	32	33	34	35	36
100	Other transport equipments												
101	Watches and clocks												
102	Medical, precision&optical instru.s												
103	Jems & jewelry												
104	Aircraft & spacecraft												
105	Miscellaneous manufacturing												
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	9634008	4576200	5138089	1564577	4504820	2337904	120612	70671	50096	395987	245358	1606

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs											
Sector /Code	Industry \ Commodity	37	38	39	40	41	42	43	44	45	46	47	48
1	Paddy			432		244688		211837	13598				
2	Wheat		20082			44320		270978					
3	Jowar												
4	Bajra												
5	Maize					239		1952					
6	Gram							4032					
7	Pulses							130294		11			
8	Sugarcane												
9	Groundnut												
10	Coconut												
11	Other oilseeds												
12	Jute												
13	Cotton												
14	Tea												
15	Coffee												
16	Rubber												
17	Tobacco												
18	Fruits												
19	Vegetables												
20	Other crops					12426		41602					
21	Milk and milk products												
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.												
25	Forestry and logging												
26	Fishing												
27	Coal and lignite												
28	Natural gas												
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		37	38	39	40	41	42	43	44	45	46	47	48
34	Other metallic minerals												
35	Lime stone												
36	Mica												
37	Other non metallic minerals	2159798											
38	Sugar		2785639	739341									
39	Khandsari, boora		325255	471185				28066	67493				
40	Hydrogenated oil(vanaspati)				1246798	972823		146225	88				
41	Edible oils other than vanaspati					5526968		18788					
42	Tea and coffee processing						1266394	89600					
43	Miscellaneous food products		14253	17488	5855	139679	14699	16428050	34391				
44	Beverages		2120	3006			4	78186	3096860				
45	Tobacco products							55712		2479527			
46	Khadi, cotton textiles(handlooms)										1090993	526519	
47	Cotton textiles										1139	9116714	281356
48	Woolen textiles											13371	648937
49	Silk textiles											63989	1489
50	Art silk, synthetic fiber textiles	2										270322	5997
51	Jute, hemp, mesta textiles											3239	
52	Carpet weaving											1296	15356
53	Readymade garments												
54	Miscellaneous textile products										618	88185	1795
55	Furniture and fixtures-wooden												
56	Wood and wood products												
57	Paper, paper prods. & newsprint	6											
58	Printing and publishing												
59	Leather footwear												
60	Leather and leather products												
61	Rubber products												
62	Plastic products											3683	
63	Petroleum products												
64	Coal tar products												
65	Inorganic heavy chemicals												
66	Organic heavy chemicals												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		37	38	39	40	41	42	43	44	45	46	47	48
67	Fertilizers												
68	Pesticides												
69	Paints, varnishes and lacquers												
70	Drugs and medicines					3254		39797	52174			2649	
71	Soaps, cosmetics & glycerin												
72	Synthetic fibers, resin							281					
73	Other chemicals							213058					
74	Structural clay products												
75	Cement								12				
76	Other non-metallic mineral prods.											553	523
77	Iron, steel and ferro alloys												
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware												
82	Miscellaneous metal products												
83	Tractors and agri. implements												
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery												
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries												
91	Electrical appliances												
92	Communication equipments												
93	Other electrical Machinery												
94	Electronic equipments(incl.TV)												
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles												
98	Motor cycles and scooters												
99	Bicycles, cycle-rickshaw												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		37	38	39	40	41	42	43	44	45	46	47	48
100	Other transport equipments												
101	Watches and clocks												
102	Medical, precision&optical instru.s											42513	
103	Jems & jewelry												
104	Aircraft & spacecraft												
105	Miscellaneous manufacturing	150											
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	2159956	3147349	1231452	1252654	6944398	1281097	17758458	3264617	2479538	1092750	10133034	955453

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs												
		49	50	51	52	53	54	55	56	57	58	59	60	
1	Paddy			5										
2	Wheat													
3	Jowar													
4	Bajra													
5	Maize													
6	Gram													
7	Pulses													
8	Sugarcane													
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops													
21	Milk and milk products								9					
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs											
Sector /Code	Industry \ Commodity	49	50	51	52	53	54	55	56	57	58	59	60
34	Other metallic minerals												
35	Lime stone												
36	Mica												
37	Other non metallic minerals												
38	Sugar												
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)						2						
41	Edible oils other than vanaspati			51									
42	Tea and coffee processing					381	275						
43	Miscellaneous food products			440					21				
44	Beverages									59			
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)						319504						8
47	Cotton textiles	1727	1051220	29916	5294	262160	1242760						
48	Woolen textiles	3214	5306	30	11812	162607	292	93					4
49	Silk textiles	273058	239090	645		6168	55114						
50	Art silk, synthetic fiber textiles	3963	3645713	2075	28	453451	668530						
51	Jute, hemp, mesta textiles		142925	833559	88552	12565	11070						
52	Carpet weaving		38412	26676	411320	134997	111515	5	2				1619
53	Readymade garments					7490988		4502	1367	2456			153996
54	Miscellaneous textile products	164781	137385	53707	159545	924640	2838256	20	208	1647	1200	879	
55	Furniture and fixtures-wooden		1135	13486		6723	15949	2596707	1463	138			462
56	Wood and wood products			172			4049	1471994	2834126	4882			
57	Paper, paper prods. & newsprint			12	72	2412	46	8098	58195	4312638	340924		
58	Printing and publishing		532	114				34	8568	520967	3114049		
59	Leather footwear					1097	99034		828			949751	512613
60	Leather and leather products		1109		195		30924	20		22	10	191566	1873990
61	Rubber products		6955			1045	58252	42				20632	21524
62	Plastic products		237063	213	197	78288	93847	6827	21763	81511	4443		21726
63	Petroleum products						249						
64	Coal tar products					102				22			
65	Inorganic heavy chemicals						14		6402				
66	Organic heavy chemicals						12		5476				

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs											
Sector /Code	Industry \ Commodity	49	50	51	52	53	54	55	56	57	58	59	60
67	Fertilizers												
68	Pesticides		11791				433			981			
69	Paints, varnishes and lacquers									230			
70	Drugs and medicines			23828		4050	15812			487			
71	Soaps, cosmetics & glycerin					216	329		110				
72	Synthetic fibers, resin		503804							6842			
73	Other chemicals												588
74	Structural clay products						1						
75	Cement												
76	Other non-metallic mineral prods.												
77	Iron, steel and ferro alloys												
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware							435	66	3			
82	Miscellaneous metal products							4467					
83	Tractors and agri. implements												
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery												
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries												
91	Electrical appliances										8		
92	Communication equipments												
93	Other electrical Machinery												8478
94	Electronic equipments(incl.TV)												
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles											4	27062
98	Motor cycles and scooters												
99	Bicycles, cycle-rickshaw												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		49	50	51	52	53	54	55	56	57	58	59	60
100	Other transport equipments							8	9				
101	Watches and clocks							242	126				1216
102	Medical, precision&optical instru.s		2180	1582			9652			146			
103	Jems & jewelry												
104	Aircraft & spacecraft												
105	Miscellaneous manufacturing			1414		1249	10935	14194	74208	10942	22517		62178
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	446741	6024620	987926	677015	9543137	5586853	4107698	3012938	4943973	3483150	1162832	2685464

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry	Commodity	Rs. Lakhs											
			61	62	63	64	65	66	67	68	69	70	71	72
1	Paddy													
2	Wheat													
3	Jowar													
4	Bajra													
5	Maize													
6	Gram													
7	Pulses													
8	Sugarcane													
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops													
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry	Commodity	Rs. Lakhs											
			61	62	63	64	65	66	67	68	69	70	71	72
34	Other metallic minerals													
35	Lime stone													
36	Mica													
37	Other non metallic minerals													
38	Sugar					78	30292	178					17	
39	Khandsari, boora													
40	Hydrogenated oil(vanaspati)										79	57	8653	61
41	Edible oils other than vanaspati												9351	
42	Tea and coffee processing												1918	99
43	Miscellaneous food products				3	6148	20192	319				86947	8336	
44	Beverages			1		1213	158064	109			275		1478	
45	Tobacco products		1759			755	1855						7781	
46	Khadi, cotton textiles(handlooms)		156			198						2296		
47	Cotton textiles	112	36910									160		26988
48	Woolen textiles													118
49	Silk textiles													9020
50	Art silk, synthetic fiber textiles		50603			22907						313		222206
51	Jute, hemp, mesta textiles		723											
52	Carpet weaving	9782	829											
53	Readymade garments	119333			351		1529					51	2173	24065
54	Miscellaneous textile products	54316	40554	691		9876	31240				1091	172		
55	Furniture and fixtures-wooden					5296	2289				21			240285
56	Wood and wood products	4817	101915				25149	35	76	578	470	241		15122
57	Paper, paper prods. & newsprint	2442	143214	709		12780	1252		1764					595
58	Printing and publishing	1116	127995				1908							4326
59	Leather footwear	363076	209053	67			562							
60	Leather and leather products	2084	12368								11834			
61	Rubber products	3605266	73809			23669	5424				37			531
62	Plastic products	80781	5816914			188496	249143		11822	167315				182011
63	Petroleum products			41675672	499785	67949	704611	513934			20720			77593
64	Coal tar products	11		40056	1185456	191444	1941	134			354			698
65	Inorganic heavy chemicals	949	50350	9794	2283	1100018	593458	13037	135406	273321	71852	123035		12245
66	Organic heavy chemicals	812	43069	8378	1953	949817	1246897	11152	69988	185285	61461	105242		10474

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		61	62	63	64	65	66	67	68	69	70	71	72
67	Fertilizers	81382	5			1052547	307966	4355456	29681		58	921	50514
68	Pesticides			616	6	48571	77528	8138	770160	3342	6076	104	602
69	Paints, varnishes and lacquers	8105	3891	13215		64740	70475		34034	1701577		895	32024
70	Drugs and medicines	429	36803	2951		47304	134667	167	9366	1291	6188548	24976	
71	Soaps, cosmetics & glycerin			451		57424	145454	15174	106894	27589	46299	3821557	1203
72	Synthetic fibers, resin	71765	895721	109117		588202	430997	1923	6370	37341	4334	20215	2607936
73	Other chemicals	7053	106856	179105		302049	270135	1330	99335	96417	27042	23448	268401
74	Structural clay products	68	192		310	73637	6765		153			29	619
75	Cement					9919				412			
76	Other non-metallic mineral prods.	10076	18467		30657	14905	3402		6	1061			14896
77	Iron, steel and ferro alloys					31594							
78	Iron and steel casting & forging		5183		665	892							
79	Iron and steel foundries	10521	102328		156	51	405			205			
80	Non-ferrous basic metals	7188	17460	380			977			19363			158
81	Hand tools, hardware	381	7566										
82	Miscellaneous metal products	17987	54266			534				382			4594
83	Tractors and agri. implements	2972	8934										
84	Industrial machinery(F & T)												
85	Industrial machinery(others)		4145			471							
86	Machine tools												
87	Other non-electrical machinery	26310	4272	447		51			20472				
88	Electrical industrial Machinery		18020	101									
89	Electrical wires & cables	15286	22600			505				12931			204
90	Batteries		632										1
91	Electrical appliances	3687	26256				104					301	271
92	Communication equipments		4447				100						
93	Other electrical Machinery	1437	5195										
94	Electronic equipments(incl.TV)		800										
95	Ships and boats												
96	Rail equipments	196726								108			
97	Motor vehicles	346113	41666										
98	Motor cycles and scooters	51726	14695							1812			
99	Bicycles, cycle-rickshaw	13459											

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		61	62	63	64	65	66	67	68	69	70	71	72
100	Other transport equipments	13814	35										
101	Watches and clocks		13										
102	Medical, precision&optical instru.s	42786	79330						1		36993	15	18
103	Jems & jewelry					3625					32	500	
104	Aircraft & spacecraft	136											
105	Miscellaneous manufacturing	32315	79658								47707	59946	11927
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	5206620	8269658	42041752	1721624	4877666	4524782	4921085	1295527	2612842	6534939	4218959	3819806

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	73	74	75	76	77	78	79	80	81	82	83	84
1	Paddy												
2	Wheat												
3	Jowar												
4	Bajra												
5	Maize												
6	Gram												
7	Pulses												
8	Sugarcane												
9	Groundnut												
10	Coconut												
11	Other oilseeds												
12	Jute												
13	Cotton												
14	Tea												
15	Coffee												
16	Rubber												
17	Tobacco												
18	Fruits												
19	Vegetables												
20	Other crops												
21	Milk and milk products												
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.												
25	Forestry and logging												
26	Fishing												
27	Coal and lignite												
28	Natural gas												
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry	Commodity	Rs. Lakhs											
			73	74	75	76	77	78	79	80	81	82	83	84
34	Other metallic minerals													
35	Lime stone													
36	Mica													
37	Other non metallic minerals													
38	Sugar													
39	Khandsari, boora													
40	Hydrogenated oil(vanaspati)													
41	Edible oils other than vanaspati													
42	Tea and coffee processing											1		
43	Miscellaneous food products	123785		9								3467		
44	Beverages	11246												
45	Tobacco products													
46	Khadi, cotton textiles(handlooms)													
47	Cotton textiles													
48	Woolen textiles													
49	Silk textiles													
50	Art silk, synthetic fiber textiles	2501										17		
51	Jute, hemp, mesta textiles													
52	Carpet weaving	6										97		
53	Readymade garments								71					
54	Miscellaneous textile products	168												
55	Furniture and fixtures-wooden					40			6176		5197		80	2845
56	Wood and wood products		470					12	5436		4494		4111	230
57	Paper, paper prods. & newsprint	20016										6431		
58	Printing and publishing							6	260			13837		
59	Leather footwear											6		
60	Leather and leather products	2050			3				43		60	168		37
61	Rubber products	8460	45					24	2179	381	16	970	1412	582
62	Plastic products	162896			11442						147	36726	1582	173
63	Petroleum products	84995			676							22236		
64	Coal tar products	654					5971							
65	Inorganic heavy chemicals	108111	129		4104	490			472	944				
66	Organic heavy chemicals	54998	110		3511	419			404	807		1243		

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		73	74	75	76	77	78	79	80	81	82	83	84
67	Fertilizers	1944			2990							2951	
68	Pesticides	208740			5259				207		11863		
69	Paints, varnishes and lacquers	27517							1834		1237		
70	Drugs and medicines	116435			21730								
71	Soaps, cosmetics & glycerin	76307			1251								
72	Synthetic fibers, resin	136559			1191			306				105	
73	Other chemicals	2214084				488	564	2080	20758		3061		
74	Structural clay products	561	2989921	28005	163423						22494		
75	Cement		295129	5601057	113821								
76	Other non-metallic mineral prods.	55940	129067	19996	4486326	10973	979	23005			39673	254	156
77	Iron, steel and ferro alloys			192	72181	21939693	1531593	2692293	187096	6238	1352278	275	
78	Iron and steel casting & forging				5926	39678	3405540	679549	23534	1908	389915	2181	
79	Iron and steel foundries	10316	120	24	97122	325071	218137	2884973	12399	8244	790790	7994	1158
80	Non-ferrous basic metals		343		214482	45030	63579	341676	6652892	3960	2539286		
81	Hand tools, hardware				1585	287	16348	171915	95168	1996504	126265	17894	2761
82	Miscellaneous metal products				45553	6963	30265	986786	45738	858639	4298331	143760	47020
83	Tractors and agri. implements	988					22003	8781	436		34155	2324275	18666
84	Industrial machinery(F & T)				450		24984	6301	3183	646	66939	48422	1253481
85	Industrial machinery(others)				637		8077	9757	4023	12355	74131	13262	72657
86	Machine tools				125	1255	9761	61544	54022	13422	105510	52960	102590
87	Other non-electrical machinery		405				44291	94041	38856	27527	271273	72415	332041
88	Electrical industrial Machinery	2806			1872		5187	4110	17300	6785	107898	2520	
89	Electrical wires & cables	25691			919		403	7152	131724	36	55854		
90	Batteries						60		4265		4916		20
91	Electrical appliances	44	18448	37	1553		646	217	1796		35066		
92	Communication equipments						782	61	1892		20065	443	
93	Other electrical Machinery	939			64256		19553	126804	7108	2711	15166	15220	26
94	Electronic equipments(incl.TV)							619			13758		1981
95	Ships and boats										1605		
96	Rail equipments						22933	57017	3489	10933	28529		2471
97	Motor vehicles	941	7816		79		79622	56590	72067	88339	168575	75864	16457
98	Motor cycles and scooters				297		9132	2150	19238	49467	120747	10697	
99	Bicycles, cycle-rickshaw						20170	11624		1461	41682		

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		73	74	75	76	77	78	79	80	81	82	83	84
100	Other transport equipments									742	20614	195	
101	Watches and clocks						36				17584		
102	Medical, precision&optical instru.s	144594			17810	3027			849	385	35662		
103	Jems & jewelry				2332			904	33594		28835		
104	Aircraft & spacecraft												
105	Miscellaneous manufacturing	31324	70		18770		1698	10872	4963	5077	149001	179	3726
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	3635616	3442071	5649320	5361674	22379382	5536388	8256169	7440562	3105293	11077958	2799052	1859079

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs												
		85	86	87	88	89	90	91	92	93	94	95	96	
1	Paddy													
2	Wheat													
3	Jowar													
4	Bajra													
5	Maize													
6	Gram													
7	Pulses													
8	Sugarcane													
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops													
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry / Commodity	Rs. Lakhs												
		85	86	87	88	89	90	91	92	93	94	95	96	
34	Other metallic minerals													
35	Lime stone													
36	Mica													
37	Other non metallic minerals													
38	Sugar													
39	Khandsari, boora													
40	Hydrogenated oil(vanaspati)													
41	Edible oils other than vanaspati													
42	Tea and coffee processing													
43	Miscellaneous food products	332												
44	Beverages													
45	Tobacco products													
46	Khadi, cotton textiles(handlooms)													
47	Cotton textiles													
48	Woolen textiles													
49	Silk textiles													
50	Art silk, synthetic fiber textiles			40										
51	Jute, hemp, mesta textiles													
52	Carpet weaving											240		
53	Readymade garments		74											
54	Miscellaneous textile products			891	59								1	
55	Furniture and fixtures-wooden	165	87549									423		
56	Wood and wood products	303	707	1639									6377	
57	Paper, paper prods. & newsprint			3189	392					7	2			
58	Printing and publishing		69	1684										
59	Leather footwear													
60	Leather and leather products													
61	Rubber products			2358							43	14	33417	
62	Plastic products		63390	9889		6020		4452	370	9486	4293			
63	Petroleum products	36		1085										
64	Coal tar products			450										
65	Inorganic heavy chemicals	68									3	249		
66	Organic heavy chemicals	58									3	213		

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		85	86	87	88	89	90	91	92	93	94	95	96
67	Fertilizers										315		
68	Pesticides			6052									
69	Paints, varnishes and lacquers	35									107		
70	Drugs and medicines										96		
71	Soaps, cosmetics & glycerin			1782							241		
72	Synthetic fibers, resin												
73	Other chemicals	1704		1487									
74	Structural clay products			424									
75	Cement			38									
76	Other non-metallic mineral prods.	9280	27532	31749		107				107880	596		300620
77	Iron, steel and ferro alloys		3323	10468				845					
78	Iron and steel casting & forging	795	51294	192636	1658			138		3034	793		141106
79	Iron and steel foundries	19689	44702	208549	22036	1250		22546	214084	107319			13420
80	Non-ferrous basic metals		7825	14691	1434	809	1	258		936926	1592		
81	Hand tools, hardware	10834	255221	9490	714	105	101	830		33570	7		
82	Miscellaneous metal products	4856	141171	723400	396194	4329		202463	3625	150166	45158	4605	9808
83	Tractors and agri. implements	957	74730	93161	577		20772	11774		2915			
84	Industrial machinery(F & T)	21705	258979	521052	276944			108199		9490			
85	Industrial machinery(others)	647164	142864	715354	2316			589		2021	93		9
86	Machine tools	917773	1477412	968264		255		53398				1841	1990
87	Other non-electrical machinery	89070	314497	11256788	727220	71539	739	64316	22172	246102	47033		8483
88	Electrical industrial Machinery		15216	78567	3324665	242291	4897	27902	27351	321686	86035		181
89	Electrical wires & cables		2040		5622	1481933		3576	6496	445392	263		
90	Batteries			2275	342		465956	10	5046	25394	1419		
91	Electrical appliances		1387	5114	7744	56	48	691290	196867	345202	22722	9806	6474
92	Communication equipments		4226	314790	24555	2400	574	495151	2176690	79687	865974		
93	Other electrical Machinery	8334	132984	133654	703957	3256	2633	130407	15000	1087967	33186		7628
94	Electronic equipments(incl.TV)	6	1588	67755				1379	585317	87470	1794964		
95	Ships and boats		481	1793	6					90		754752	
96	Rail equipments		103988	41756	35845	22483	1036	7135	28859	33481	97	717	1500852
97	Motor vehicles	1368	528792	181538	102952	7822	355	31780	5084	136202	15321		131550
98	Motor cycles and scooters		75127	101199	1039			468		10466	852		
99	Bicycles, cycle-rickshaw		1956	17151							1831		1948

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		85	86	87	88	89	90	91	92	93	94	95	96
100	Other transport equipments		9421	94736	16847					1182			1644
101	Watches and clocks		384		540			178		97			
102	Medical, precision&optical instru.s	19148		25754	3408			4311		32349	10413		309
103	Jems & jewelry		8357	159									
104	Aircraft & spacecraft		1628	149					798	3529			
105	Miscellaneous manufacturing	9493	380062	223819	79519			70163	99402	194555	244144	13962	
106	Construction												
107	Electricity												
108	Water supply												
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	1763172	4218975	16066820	5736586	1844655	497114	1933557	3387169	4414470	3177262	786346	2165816

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry	Commodity	Rs. Lakhs											
			97	98	99	100	101	102	103	104	105	106	107	108
1	Paddy													
2	Wheat													
3	Jowar													
4	Bajra													
5	Maize													
6	Gram													
7	Pulses													
8	Sugarcane													
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops													
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		97	98	99	100	101	102	103	104	105	106	107	108
34	Other metallic minerals												
35	Lime stone												
36	Mica												
37	Other non metallic minerals												
38	Sugar									159	1265	12293	
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)										45	4749	
41	Edible oils other than vanaspati									4464	1413	5506	
42	Tea and coffee processing										40	78	
43	Miscellaneous food products									39081	1422	4931	
44	Beverages										334	130	
45	Tobacco products									15			
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles									407			
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles	48										17351	
51	Jute, hemp, mesta textiles												
52	Carpet weaving							7621		180			
53	Readymade garments							9		6940			
54	Miscellaneous textile products							1162		5686	1236	4395	
55	Furniture and fixtures-wooden	878			664					64802			
56	Wood and wood products	38			3030			25		54249	1709		
57	Paper, paper prods. & newsprint							339		25814	735	48222	
58	Printing and publishing							3162		66974	184	261	
59	Leather footwear									3709	103	237	
60	Leather and leather products									2278	1488		
61	Rubber products	17970						19		6985	202	134	
62	Plastic products	6510	1227					18749	87	55515	15984		
63	Petroleum products											23894	
64	Coal tar products											262	
65	Inorganic heavy chemicals									1747	434	23788	
66	Organic heavy chemicals									252	372	20348	

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry	Commodity	Rs. Lakhs											
			97	98	99	100	101	102	103	104	105	106	107	108
67	Fertilizers											101	1057	
68	Pesticides											167	9	
69	Paints, varnishes and lacquers											507	1193	
70	Drugs and medicines							16364				25176	1208	752
71	Soaps, cosmetics & glycerin								723			8312		
72	Synthetic fibers, resin											152		126
73	Other chemicals	1075						1127					193	233
74	Structural clay products											19685	11325	1368
75	Cement												944	1648
76	Other non-metallic mineral prods.							118102	1632			70391	915	12128
77	Iron, steel and ferro alloys											1346	46356	89265
78	Iron and steel casting & forging	43351	8477	16485				3183	4			22654	1835	2546
79	Iron and steel foundries	4229		745				14873				19808	23	189
80	Non-ferrous basic metals	752		13769				142	181954			20209	1125	19730
81	Hand tools, hardware	419			5				5524			5243	1525	
82	Miscellaneous metal products	21260	1569	1838	112			558	480	3424		1257352	1563	15337
83	Tractors and agri. implements	116879			1347							183	808	
84	Industrial machinery(F & T)							24002				4501	1644	2
85	Industrial machinery(others)	6506	804					297				5773	714	
86	Machine tools	1574						8037				6429	1557	178
87	Other non-electrical machinery	67876	80					19379				55860	1640	5452
88	Electrical industrial Machinery	147						659				22942	157	2404
89	Electrical wires & cables	2880	28									6466	3	138
90	Batteries											1316	5	3
91	Electrical appliances							5505				4746	33	4978
92	Communication equipments											13520		
93	Other electrical Machinery	13932	179									20427	578	
94	Electronic equipments(incl.TV)	5139		355								17268	37	15
95	Ships and boats	3								10		21468	521	
96	Rail equipments	2480								1642		15415		
97	Motor vehicles	12915756	47124									28562	14959	831
98	Motor cycles and scooters	121997	3459986	50630	162606							3353	11205	624
99	Bicycles, cycle-rickshaw	3885		742816				6				1407		

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Rs. Lakhs

Sector /Code	Industry \ Commodity	Rs. Lakhs											
		97	98	99	100	101	102	103	104	105	106	107	108
100	Other transport equipments	10951	59956		109961					5613			
101	Watches and clocks					520788		62		7999		265	
102	Medical, precision&optical instru.s			126	104		1476546			43706	167		
103	Jems & jewelry							12267268		13422			1
104	Aircraft & spacecraft								112881	178			
105	Miscellaneous manUFACTURING	753819				5218	320119	24722	151	3306920		281	
106	Construction										111804300		
107	Electricity											16875900	
108	Water supply												1604900
109	Railway transport services												
110	Land tpt including via pipeline												
111	Water transport												
112	Air transport												
113	Supporting and aux. tpt activities												
114	Storage and warehousing												
115	Communication												
116	Trade												
117	Hotels and restaurants												
118	Banking												
119	Insurance												
120	Ownership of dwellings												
121	Education and research												
122	Medical and health												
123	Business services												
124	Computer & related activities												
125	Legal services												
126	Real estate activities												
127	Renting of machinery & equipment												
128	O.com, social&personal services												
129	Other services												
130	Public administration												
	Total output	14120354	3579429	826766	277829	526006	2030829	12491612	118108	5397736	111933890	17201750	1604900

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											Rs. Lakhs	
		109	110	111	112	113	114	115	116	117	118	119	120	
1	Paddy								62392					
2	Wheat								15764					
3	Jowar													
4	Bajra								1341					
5	Maize													
6	Gram													
7	Pulses								25380					
8	Sugarcane													
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton													
14	Tea													
15	Coffee													
16	Rubber													
17	Tobacco													
18	Fruits													
19	Vegetables													
20	Other crops													
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.													
25	Forestry and logging													
26	Fishing													
27	Coal and lignite													
28	Natural gas													
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs										Rs. Lakhs		
		109	110	111	112	113	114	115	116	117	118	119	120	
34	Other metallic minerals													
35	Lime stone													
36	Mica													
37	Other non metallic minerals													
38	Sugar									25023				
39	Khandsari, boora									1800				
40	Hydrogenated oil(vanaspati)									18338				
41	Edible oils other than vanaspati									57623				
42	Tea and coffee processing									42349				
43	Miscellaneous food products									44015				
44	Beverages									31240				
45	Tobacco products									7196				
46	Khadi, cotton textiles(handlooms)													
47	Cotton textiles									938				
48	Woolen textiles													
49	Silk textiles													
50	Art silk, synthetic fiber textiles									11560				
51	Jute, hemp, mesta textiles													
52	Carpet weaving									632				
53	Readymade garments													
54	Miscellaneous textile products									224303				
55	Furniture and fixtures-wooden									278854				
56	Wood and wood products									183795				
57	Paper, paper prods. & newsprint									11043				
58	Printing and publishing									40927				
59	Leather footwear									132639				
60	Leather and leather products									22264				
61	Rubber products									29511				
62	Plastic products									169752				
63	Petroleum products									45136				
64	Coal tar products									9925				
65	Inorganic heavy chemicals									5979				
66	Organic heavy chemicals													

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs										Rs. Lakhs			
		109	110	111	112	113	114	115	116	117	118	119	120		
67	Fertilizers										43178				
68	Pesticides										4076				
69	Paints, varnishes and lacquers										31543				
70	Drugs and medicines										151520				
71	Soaps, cosmetics & glycerin										61341				
72	Synthetic fibers, resin										4457				
73	Other chemicals										159989				
74	Structural clay products										8383				
75	Cement										17118				
76	Other non-metallic mineral prods.										30313				
77	Iron, steel and ferro alloys										92522				
78	Iron and steel casting & forging										11435				
79	Iron and steel foundries										41320				
80	Non-ferrous basic metals										22492				
81	Hand tools, hardware										83707				
82	Miscellaneous metal products										76144				
83	Tractors and agri. implements										23447				
84	Industrial machinery(F & T)										19816				
85	Industrial machinery(others)										27533				
86	Machine tools										60841				
87	Other non-electrical machinery								22		273147				
88	Electrical industrial Machinery										78537				
89	Electrical wires & cables										7349				
90	Batteries										7420				
91	Electrical appliances										28598				
92	Communication equipments										144936				
93	Other electrical Machinery										39418				
94	Electronic equipments(incl.TV)										71573				
95	Ships and boats										5674				
96	Rail equipments										62473				
97	Motor vehicles										1385680				
98	Motor cycles and scooters										18122				
99	Bicycles, cycle-rickshaw										4408				

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs											Rs. Lakhs	
		109	110	111	112	113	114	115	116	117	118	119	120	
100	Other transport equipments									3075				
101	Watches and clocks									2982				
102	Medical, precision&optical instru.s									59871				
103	Jems & jewelry									129886				
104	Aircraft & spacecraft									1146				
105	Miscellaneous manufacturing									214480				
106	Construction													
107	Electricity													
108	Water supply													
109	Railway transport services	7261700												
110	Land tpt including via pipeline		60048761											
111	Water transport			1558874										
112	Air transport				2459320									
113	Supporting and aux. tpt activities					4072745								
114	Storage and warehousing						458800							
115	Communication							8847800						
116	Trade								84540391					
117	Hotels and restaurants									23727944				
118	Banking										24535622			
119	Insurance											6129378		
120	Ownership of dwellings												25039215	
121	Education and research													
122	Medical and health													
123	Business services													
124	Computer & related activities													
125	Legal services													
126	Real estate activities													
127	Renting of machinery & equipment													
128	O.com, social&personal services													
129	Other services													
130	Public administration													
	Total output	7261700	60048761	1558874	2459320	4072745	458822	8847800	89550062	23727944	24535622	6129378	25039215	

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs										Total	
		121	122	123	124	125	126	127	128	129	130		
1	Paddy												21172275
2	Wheat												12977231
3	Jowar												1099896
4	Bajra												932862
5	Maize												1536545
6	Gram												1471139
7	Pulses												5846172
8	Sugarcane												3959137
9	Groundnut												2268338
10	Coconut												715538
11	Other oilseeds												4197322
12	Jute												210374
13	Cotton												3028855
14	Tea												375849
15	Coffee												274404
16	Rubber												708073
17	Tobacco												256270
18	Fruits												6668637
19	Vegetables												8566286
20	Other crops												6794189
21	Milk and milk products												16525483
22	Animal services(agricultural)												3114916
23	Poultry & Eggs												2710500
24	Other liv.st. produ.												5627597
25	Forestry and logging												9634000
26	Fishing												4576200
27	Coal and lignite												5138089
28	Natural gas												1564516
29	Crude petroleum												4504820
30	Iron ore												2337904
31	Manganese ore												120604
32	Bauxite												56839
33	Copper ore												50096

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry \ Commodity	Rs. Lakhs										Total	
		121	122	123	124	125	126	127	128	129	130		
34	Other metallic minerals												393260
35	Lime stone												240885
36	Mica												1606
37	Other non metallic minerals												2159798
38	Sugar							882					3595194
39	Khandsari, boora												893799
40	Hydrogenated oil(vanaspati)							164					2680173
41	Edible oils other than vanaspati												5624648
42	Tea and coffee processing							74					1401210
43	Miscellaneous food products							547					17305370
44	Beverages							9805					3394136
45	Tobacco products							73					2554674
46	Khadi, cotton textiles(handlooms)												1939675
47	Cotton textiles												12057801
48	Woolen textiles												845784
49	Silk textiles												648573
50	Art silk, synthetic fiber textiles												5377625
51	Jute, hemp, mesta textiles												1092637
52	Carpet weaving												760585
53	Readymade garments												7807904
54	Miscellaneous textile products												4748708
55	Furniture and fixtures-wooden										537		3332165
56	Wood and wood products										460		4730711
57	Paper, paper prods. & newsprint							5					5001355
58	Printing and publishing										367		3907341
59	Leather footwear												2272776
60	Leather and leather products							26					2152537
61	Rubber products							257					3922161
62	Plastic products							280			141		7825155
63	Petroleum products												43738571
64	Coal tar products							50					1437531
65	Inorganic heavy chemicals												2538713
66	Organic heavy chemicals												2782777

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

Sector /Code	Industry	Commodity	Rs. Lakhs										
			121	122	123	124	125	126	127	128	129	130	Total
67	Fertilizers								2169				5933236
68	Pesticides								2				1164723
69	Paints, varnishes and lacquers												1993158
70	Drugs and medicines								40				6921873
71	Soaps, cosmetics & glycerin								33				4372691
72	Synthetic fibers, resin								113				5427858
73	Other chemicals								14				4001674
74	Structural clay products										246		3341427
75	Cement												6040461
76	Other non-metallic mineral prods.										1033		5580038
77	Iron, steel and ferro alloys												28057558
78	Iron and steel casting & forging												5056400
79	Iron and steel foundries										295		5205091
80	Non-ferrous basic metals												11130483
81	Hand tools, hardware												2844473
82	Miscellaneous metal products										831		9611528
83	Tractors and agri. implements												2768762
84	Industrial machinery(F & T)												2650742
85	Industrial machinery(others)												1751550
86	Machine tools												3900738
87	Other non-electrical machinery												14203816
88	Electrical industrial Machinery										699		4400934
89	Electrical wires & cables												2235489
90	Batteries												519082
91	Electrical appliances										91		1419106
92	Communication equipments												4150293
93	Other electrical Machinery												2600434
94	Electronic equipments(incl.TV)												2650024
95	Ships and boats								348				786751
96	Rail equipments												2180464
97	Motor vehicles								1584				16518456
98	Motor cycles and scooters												4297639
99	Bicycles, cycle-rickshaw												863803

MATRIX 2: INPUT OUTPUT MATRIX (INDUSTRY X COMMODITY) 2007-08 AT FACTOR COST

Make Matrix

		Rs. Lakhs										
Sector /Code	Industry \ Commodity	121	122	123	124	125	126	127	128	129	130	Total
100	Other transport equipments											348804
101	Watches and clocks											552511
102	Medical, precision&optical instru.s											2093755
103	Jems & jewelry											12488915
104	Aircraft & spacecraft							25044				145489
105	Miscellaneous manufacturing									7646		6603494
106	Construction											111804300
107	Electricity											16875900
108	Water supply											1604900
109	Railway transport services											7261700
110	Land tpt including via pipeline											60048761
111	Water transport											1558874
112	Air transport											2459320
113	Supporting and aux. tpt activities											4072745
114	Storage and warehousing											458800
115	Communication											8847800
116	Trade											84540391
117	Hotels and restaurants											23727944
118	Banking											24535622
119	Insurance											6129378
120	Ownership of dwellings											25039215
121	Education and research	18598901										18598901
122	Medical and health		11693426									11693426
123	Business services			7914163								7914163
124	Computer & related activities				17992240							17992240
125	Legal services					1685303						1685303
126	Real estate activities						1591231					1591231
127	Renting of machinery & equipment							437248				437248
128	O.com, social&personal services								10883742			10883742
129	Other services									2840530		2840530
130	Public administration										23499200	23499200
	Total output	18598901	11693426	7914163	17992240	1685303	1591231	478761	10883742	2852876	23499200	971102150

**MATRIX 3: INPUT – OUTPUT COEFFICIENT MATRIX
(COMMODITY X INDUSTRY)**

2007-08

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	1	2	3	4	5	6	7	8	9	10
1	Paddy	0.322670	0.002730				0.039350	0.013328		0.000943	
2	Wheat	0.010193	0.180904					0.018324			
3	Jowar			0.031969							
4	Bajra				0.011895						
5	Maize					0.020838					
6	Gram		0.010727				0.085859	0.000471			
7	Pulses	0.002334	0.002915				0.001568	0.273055			
8	Sugarcane		0.000601						0.063793		
9	Groundnut									0.103553	
10	Coconut										0.007940
11	Other oilseeds										
12	Jute										
13	Cotton										
14	Tea										
15	Coffee										
16	Rubber										
17	Tobacco										
18	Fruits										
19	Vegetables										
20	Other crops	0.000773	0.003845	0.003864		0.000016	0.000173	0.016374		0.000478	
21	Milk and milk products										
22	Animal services(agricultural)	0.039274	0.012298	0.256279	0.073816	0.095346	0.052393	0.051484	0.017990	0.059183	
23	Poultry & Eggs										
24	Other liv.st. produ.	0.011554	0.002444	0.061533	0.032821	0.073541	0.000889	0.005519	0.010584	0.027541	0.132365
25	Forestry and logging										
26	Fishing										
27	Coal and lignite										
28	Natural gas										
29	Crude petroleum										
30	Iron ore										
31	Manganese ore										
32	Bauxite										
33	Copper ore										
34	Other metallic minerals										

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	1	2	3	4	5	6	7	8	9	10
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products	0.002020									
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles	0.004463	0.003904					0.001626			
52	Carpet weaving										
53	Readymade garments	0.000045	0.000068	0.000079	0.000079	0.000083	0.000065	0.000008	0.000054	0.000033	
54	Miscellaneous textile products										
55	Furniture and fixtures-wooden	0.000048	0.000073	0.000084	0.000084	0.000088	0.000069	0.000009	0.000058	0.000035	
56	Wood and wood products										
57	Paper, paper prods. & newsprint	0.000047	0.000071	0.000083	0.000082	0.000086	0.000067	0.000008	0.000057	0.000034	
58	Printing and publishing	0.000082	0.000124	0.000144	0.000145	0.000151	0.000119	0.000015	0.000099	0.000059	
59	Leather footwear										
60	Leather and leather products										
61	Rubber products	0.000002	0.000004	0.000004	0.000005	0.000005	0.000003		0.000003	0.000002	
62	Plastic products										
63	Petroleum products	0.014655	0.010667	0.023387	0.033679	0.020367	0.023702	0.010105	0.005676	0.011071	0.008315
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										
67	Fertilizers	0.046227	0.057671	0.075159	0.054441	0.088052	0.033849	0.018497	0.061714	0.035511	0.034398
68	Pesticides	0.005593	0.009198	0.000037	0.000023	0.000087	0.000395	0.000257	0.000115	0.000261	0.062056

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	1	2	3	4	5	6	7	8	9	10
69	Paints, varnishes and lacquers										
70	Drugs and medicines										
71	Soaps, cosmetics & glycerin										
72	Synthetic fibers, resin										
73	Other chemicals										
74	Structural clay products										
75	Cement										
76	Other non-metallic mineral prods.										
77	Iron, steel and ferro alloys										
78	Iron and steel casting & forging										
79	Iron and steel foundries										
80	Non-ferrous basic metals										
81	Hand tools, hardware										
82	Miscellaneous metal products										
83	Tractors and agri. implements	0.001716	0.003363	0.000828	0.000738	0.000496	0.000362	0.000098	0.000259	0.000203	
84	Industrial machinery(F & T)	0.000898	0.000675								
85	Industrial machinery(others)										
86	Machine tools										
87	Other non-electrical machinery	0.000001	0.000001			0.000001	0.000001		0.000001	0.000001	
88	Electrical industrial Machinery										
89	Electrical wires & cables										
90	Batteries	0.000001	0.000001		0.000002	0.000001	0.000001		0.000001		
91	Electrical appliances	0.000016	0.000025	0.000028	0.000029	0.000029	0.000023	0.000003	0.000020	0.000011	
92	Communication equipments										
93	Other electrical Machinery										
94	Electronic equipments(incl.TV)	0.000053	0.000081	0.000094	0.000094	0.000098	0.000077	0.000010	0.000064	0.000039	
95	Ships and boats										
96	Rail equipments										
97	Motor vehicles	0.000081	0.000123	0.000143	0.000144	0.000149	0.000117	0.000014	0.000098	0.000059	
98	Motor cycles and scooters										
99	Bicycles, cycle-rickshaw										
100	Other transport equipments	0.000021	0.000024	0.000180	0.000151	0.000071	0.000047	0.000023	0.000026	0.000030	
101	Watches and clocks										
102	Medical, precision&optical instru.s										

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	1	2	3	4	5	6	7	8	9	10
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.000012	0.000019	0.000023	0.000022	0.000023	0.000018	0.000002	0.000015	0.000009	
106	Construction	0.008531	0.010329	0.008650	0.008369	0.007600	0.005848	0.000943	0.004726	0.003026	
107	Electricity	0.023637	0.025963	0.007121	0.015963	0.021432	0.012851	0.001734	0.015556	0.005161	
108	Water supply	0.000098	0.000149	0.000174	0.000174	0.000182	0.000142	0.000018	0.000119	0.000072	
109	Railway transport services	0.004077	0.001596	0.001545	0.001121	0.001625	0.001103	0.001143	0.001082	0.000663	0.000603
110	Land tpt including via pipeline	0.014704	0.011586	0.019511	0.012143	0.020461	0.007355	0.009936	0.008464	0.009189	0.022436
111	Water transport	0.001620	0.001044	0.000438	0.000475	0.000443	0.000473	0.000385	0.000191	0.000210	0.000418
112	Air transport	0.000055	0.000163	0.000168	0.000161	0.000166	0.000130	0.000051	0.000109	0.000067	
113	Supporting and aux. tpt activities	0.001752	0.001375	0.001679	0.001037	0.001723	0.000758	0.001048	0.000832	0.000799	0.001657
114	Storage and warehousing										
115	Communication	0.000114	0.000173	0.000200	0.000203	0.000210	0.000165	0.000020	0.000138	0.000083	
116	Trade	0.050650	0.037968	0.028925	0.012725	0.019215	0.019798	0.070063	0.031402	0.017516	0.036041
117	Hotels and restaurants	0.000106	0.000162	0.000186	0.000188	0.000197	0.000154	0.000019	0.000129	0.000078	
118	Banking	0.010398	0.014309	0.029484	0.029702	0.020401	0.028626	0.006186	0.013906	0.014854	0.044047
119	Insurance	0.000284	0.000295					0.000248			0.009383
120	Ownership of dwellings										
121	Education and research	0.000020	0.000031	0.000037	0.000035	0.000038	0.000029	0.000004	0.000025	0.000015	
122	Medical and health										
123	Business services	0.000141	0.000232	0.000266	0.000273	0.000281	0.000222	0.000027	0.000186	0.000112	
124	Computer & related activities										
125	Legal services										
126	Real estate activities		0.000008	0.000011	0.000011	0.000011	0.000008	0.000001	0.000007	0.000004	
127	Renting of machinery & equipment	0.000001	0.000002	0.000003	0.000002	0.000003	0.000002		0.000002	0.000001	
128	O.com, social&personal services										
129	Other services	0.000073	0.000111	0.000127	0.000130	0.000135	0.000107	0.000013	0.000089	0.000053	
130	Public administration										
	Total Input	0.579039	0.408048	0.552443	0.290960	0.393651	0.316918	0.501072	0.237590	0.290959	0.359657
	NIT	-0.052545	-0.066252	-0.018937	-0.008191	-0.024529	-0.014058	-0.011958	-0.030306	-0.019357	-0.005042
	Total Input+NIT	0.526494	0.341796	0.533506	0.282769	0.369123	0.302859	0.489115	0.207284	0.271602	0.354615
	GVA	0.473506	0.658204	0.466494	0.717231	0.630877	0.697141	0.510885	0.792716	0.728398	0.645385
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	11	12	13	14	15	16	17	18	19	20	21
1	Paddy		0.000021									0.033378	
2	Wheat		0.000006									0.010336	0.000964
3	Jowar												
4	Bajra												0.000379
5	Maize											0.000066	0.000082
6	Gram											0.007051	0.003626
7	Pulses										0.000037	0.003431	0.006228
8	Sugarcane												0.003377
9	Groundnut												
10	Coconut												
11	Other oilseeds		0.078347										
12	Jute												
13	Cotton				0.009292								
14	Tea												
15	Coffee												
16	Rubber												
17	Tobacco								0.002308				
18	Fruits									0.018915			
19	Vegetables										0.012922		
20	Other crops		0.007484								0.001645	0.020501	0.095658
21	Milk and milk products												0.000580
22	Animal services(agricultural)		0.067377	0.106525	0.099827				0.011656	0.010145	0.011269	0.039486	
23	Poultry & Eggs												0.000351
24	Other liv.st. produ.		0.025720	0.075465	0.059357	0.129511	0.224976	0.049542	0.003247	0.003561	0.003099	0.006216	0.000284
25	Forestry and logging												0.000418
26	Fishing												
27	Coal and lignite												
28	Natural gas												
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												
34	Other metallic minerals												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	11	12	13	14	15	16	17	18	19	20	21
35	Lime stone												
36	Mica												
37	Other non metallic minerals												
38	Sugar												
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)												
41	Edible oils other than vanaspati												0.010621
42	Tea and coffee processing												
43	Miscellaneous food products												0.002020
44	Beverages												
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles												0.009616
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles												
51	Jute, hemp, mesta textiles											0.004266	
52	Carpet weaving												
53	Readymade garments	0.000071		0.000079					0.000102	0.000020	0.000016	0.000023	
54	Miscellaneous textile products												
55	Furniture and fixtures-wooden	0.000076		0.000084					0.000110	0.000021	0.000017	0.000024	
56	Wood and wood products												
57	Paper, paper prods. & newsprint	0.000074		0.000082					0.000123	0.000021	0.000017	0.000023	
58	Printing and publishing	0.000130		0.000144					0.000205	0.000036	0.000030	0.000041	
59	Leather footwear												
60	Leather and leather products												
61	Rubber products	0.000004		0.000004						0.000001	0.000001	0.000001	
62	Plastic products												
63	Petroleum products	0.009470	0.012390	0.011331	0.005077	0.004045	0.002512	0.007865	0.006079	0.006757	0.021024		
64	Coal tar products												
65	Inorganic heavy chemicals												
66	Organic heavy chemicals												
67	Fertilizers	0.061136	0.062162	0.076214	0.026997		0.044404	0.114632	0.011299	0.012551	0.043977		
68	Pesticides	0.000271	0.000324	0.001255	0.003832	0.026836	0.034214	0.000428	0.000057	0.000064	0.005983		

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	11	12	13	14	15	16	17	18	19	20	21
69	Paints, varnishes and lacquers												
70	Drugs and medicines												0.001282
71	Soaps, cosmetics & glycerin												
72	Synthetic fibers, resin												
73	Other chemicals												
74	Structural clay products												
75	Cement												
76	Other non-metallic mineral prods.												
77	Iron, steel and ferro alloys												
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware												
82	Miscellaneous metal products												
83	Tractors and agri. implements		0.000399	0.000353	0.000470			0.004569	0.001020	0.002416	0.002152	0.004764	0.000089
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												0.000092
86	Machine tools												
87	Other non-electrical machinery		0.000001		0.000001								
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries		0.000001		0.000001								
91	Electrical appliances		0.000026		0.000029				0.000037	0.000007	0.000006	0.000008	
92	Communication equipments												
93	Other electrical Machinery												
94	Electronic equipments(incl.TV)		0.000085		0.000094				0.000126	0.000024	0.000019	0.000027	
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles		0.000129		0.000142				0.000203	0.000036	0.000029	0.000041	
98	Motor cycles and scooters												
99	Bicycles, cycle-rickshaw												
100	Other transport equipments		0.000052	0.000112	0.000067			0.001438	0.000204	0.000740	0.000661	0.001477	
101	Watches and clocks												
102	Medical, precision&optical instru.s												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	11	12	13	14	15	16	17	18	19	20	21
103	Jems & jewelry											
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.000020		0.000022				0.000033	0.000006	0.000005	0.000006	
106	Construction	0.006445	0.001427	0.007239		0.038613	0.013544	0.011635	0.011093	0.015199	0.020745	0.000129
107	Electricity	0.003091		0.019489				0.028713	0.003404	0.003063	0.008848	
108	Water supply	0.000157		0.000174				0.000252	0.000044	0.000036	0.000050	
109	Railway transport services	0.001110	0.001077	0.001342	0.000466	0.000020	0.000738	0.001969	0.000225	0.000253	0.001315	0.000414
110	Land tpt including via pipeline	0.011025	0.017319	0.020025	0.021068	0.031795	0.011738	0.012270	0.002884	0.002619	0.011575	0.012303
111	Water transport	0.000840	0.000309	0.000321	0.000220	0.000291	0.000237	0.000316	0.000088	0.000096	0.000499	0.000073
112	Air transport	0.000159	0.000002	0.000159			0.000028	0.000227	0.000054	0.000049	0.000117	0.000220
113	Supporting and aux. tpt activities	0.001013	0.001397	0.001766	0.001501	0.002110	0.000993	0.001282	0.000198	0.000227	0.001202	0.001367
114	Storage and warehousing											
115	Communication	0.000182		0.000201				0.000290	0.000051	0.000041	0.000058	
116	Trade	0.029152	0.013131	0.012122	0.018630	0.035864	0.017796	0.005767	0.009176	0.008541	0.028747	0.069790
117	Hotels and restaurants	0.000170		0.000188				0.000274	0.000047	0.000039	0.000054	
118	Banking	0.012320	0.015111	0.014228	0.008346	0.013190	0.005178	0.006985	0.002677	0.004857	0.013875	0.001517
119	Insurance	0.001846			0.002632	0.024094	0.005968		0.000347	0.000390	0.000071	
120	Ownership of dwellings											
121	Education and research	0.000033		0.000036				0.000045	0.000009	0.000007	0.000010	
122	Medical and health											
123	Business services	0.000244	-0.000002	0.000270				0.000370	0.000068	0.000056	0.000077	
124	Computer & related activities											
125	Legal services											
126	Real estate activities	0.000008		0.000010					0.000002	0.000002	0.000003	
127	Renting of machinery & equipment	0.000002		0.000002					0.000001		0.000001	
128	O.com, social&personal services											
129	Other services	0.000117		0.000129				0.000178	0.000033	0.000027	0.000037	
130	Public administration											
	Total Input	0.318813	0.307102	0.336194	0.218280	0.401834	0.192898	0.212871	0.083785	0.086799	0.289431	0.221479
	NIT	-0.017441	-0.015424	-0.024370	-0.005497	0.007086	-0.012003	-0.038325	-0.001483	-0.001969	-0.017731	-0.015453
	Total Input+NIT	0.301373	0.291678	0.311824	0.212783	0.408921	0.180896	0.174546	0.082302	0.084830	0.271700	0.206026
	GVA	0.698627	0.708322	0.688176	0.787217	0.591079	0.819104	0.825454	0.917698	0.915170	0.728300	0.793974
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	22	23	24	25	26	27	28	29	30	31	32
1	Paddy			0.089339	0.000045								
2	Wheat		0.008541		0.006407								
3	Jowar			0.040514									
4	Bajra		0.000109	0.045697	0.000604								
5	Maize			0.049784	0.000738								
6	Gram		0.012467		0.013068								
7	Pulses		0.012542		0.003337								
8	Sugarcane												
9	Groundnut												
10	Coconut												
11	Other oilseeds												
12	Jute												
13	Cotton												
14	Tea												
15	Coffee												
16	Rubber												
17	Tobacco												
18	Fruits												
19	Vegetables				0.001077								
20	Other crops		0.540804	0.007626	0.248822	0.000242							
21	Milk and milk products			0.000075	0.000088								
22	Animal services(agricultural)												
23	Poultry & Eggs			0.000045	0.000053								
24	Other liv.st. produ.			0.000037	0.000043								
25	Forestry and logging					0.009538							
26	Fishing						0.026270						
27	Coal and lignite							0.020459			0.000770		
28	Natural gas								0.000794				
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												
34	Other metallic minerals												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	22	23	24	25	26	27	28	29	30	31	32
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati	0.067361		0.022692								
42	Tea and coffee processing											
43	Miscellaneous food products	0.003884	0.040957	0.005411		0.005090						
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)				0.000013							
47	Cotton textiles	0.000386		0.001116	0.000001							
48	Woolen textiles				0.000003							
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles				0.000048	0.010113						
52	Carpet weaving											
53	Readymade garments						0.000701	0.001073	0.001820	0.001311	0.002974	0.000578
54	Miscellaneous textile products				0.005685	0.026588						
55	Furniture and fixtures-wooden				0.000296		0.000566	0.000867	0.001472	0.001060	0.002404	0.000467
56	Wood and wood products				0.000041	0.000569	0.003497	0.001039			0.004791	
57	Paper, paper prods. & newsprint				0.003817		0.000733	0.000216	0.000366	0.000229	0.000509	0.000101
58	Printing and publishing				0.000782		0.000330	0.000154	0.000261	0.000179	0.000403	0.000079
59	Leather footwear											
60	Leather and leather products											
61	Rubber products				0.003260		0.003027	0.002275	0.003859	0.004620	0.001403	0.000565
62	Plastic products				0.000466							
63	Petroleum products				0.014490	0.013627	0.022898	0.009346	0.022477	0.023510	0.007260	0.005230
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											
67	Fertilizers				0.000304							
68	Pesticides				0.000274							

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	22	23	24	25	26	27	28	29	30	31	32
69	Paints, varnishes and lacquers												
70	Drugs and medicines		0.002704		0.002930								
71	Soaps, cosmetics & glycerin												
72	Synthetic fibers, resin												
73	Other chemicals						0.001069	0.027038	0.018230	0.019433	0.015265		0.003087
74	Structural clay products					0.000003							
75	Cement					0.000002							
76	Other non-metallic mineral prods.								0.001426	0.005432			
77	Iron, steel and ferro alloys					0.000004	0.000319						
78	Iron and steel casting & forging												
79	Iron and steel foundries						0.000167						
80	Non-ferrous basic metals					0.000053	0.000022						
81	Hand tools, hardware						0.000025	0.000986	0.002687	0.008380			
82	Miscellaneous metal products					0.000648	0.000517	0.006887	0.003668	0.005700	0.014990	0.001506	0.006401
83	Tractors and agri. implements		0.000676	0.000796	0.002772								
84	Industrial machinery(F & T)					0.000005							
85	Industrial machinery(others)		0.000692	0.000816				0.010726	0.009430	0.016087	0.005088	0.002312	0.008365
86	Machine tools					0.000028		0.005494	0.001669				
87	Other non-electrical machinery					0.000830		0.016636	0.026473	0.043833	0.015225	0.008654	0.010261
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries					0.000684							
91	Electrical appliances					0.000028		0.000013	0.000020	0.000033	0.000024	0.000055	0.000011
92	Communication equipments					0.000007							
93	Other electrical Machinery												
94	Electronic equipments(incl.TV)					0.000150		0.000228	0.000310	0.000526	0.000365	0.000824	0.000161
95	Ships and boats					0.001153	0.033329						
96	Rail equipments												
97	Motor vehicles					0.004602		0.011287	0.003766	0.001026	0.000259	0.000518	0.000100
98	Motor cycles and scooters					0.000394							
99	Bicycles, cycle-rickshaw					0.000497							
100	Other transport equipments												
101	Watches and clocks												
102	Medical, precision&optical instru.s												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	22	23	24	25	26	27	28	29	30	31	32
103	Jems & jewelry											
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing				0.004356		0.000132	0.000459	0.002098	0.000187	0.000122	0.000015
106	Construction	0.000271	0.000733	0.000605	0.007710		0.003069	0.015148	0.053747	0.001504	0.000586	0.003603
107	Electricity				0.000970		0.031010	0.016803	0.012374	0.011430	0.021465	0.025430
108	Water supply				0.000064		0.000236	0.000637	0.001081	0.000053	0.000326	0.000020
109	Railway transport services	0.002306	0.001351	0.001039	0.001405	0.000209	0.009032	0.006444	0.010811	0.001741	0.001399	0.001860
110	Land tpt including via pipeline	0.064631	0.009284	0.030208	0.038892	0.010054	0.031202	0.012537	0.016209	0.008679	0.007893	0.008526
111	Water transport	0.000235	0.001230	0.000194	0.000236	0.000247	0.000718	0.000362	0.000681	0.000245	0.000127	0.000053
112	Air transport	0.001154	0.000059	0.000545	0.000032	0.000005	0.000559	0.000797	0.001347	0.000683	0.000499	0.000069
113	Supporting and aux. tpt activities	0.007162	0.001249	0.003357	0.000353	0.000956	0.003121	0.004036	0.002005	0.000838	0.001917	0.001529
114	Storage and warehousing						0.000173	0.000776	0.001317	0.000142	0.000007	0.000039
115	Communication				0.001831		0.001481	0.000901	0.000713	0.001629	0.001811	0.001468
116	Trade	0.360405	0.051172	0.166833	0.008034	0.015730	0.018475	0.007021	0.012969	0.007899	0.005468	0.002419
117	Hotels and restaurants				0.017074		0.001239	0.001827	0.003100	0.001819	0.007177	0.000442
118	Banking		0.002551	0.003573	0.000546	0.000616	0.016063	0.008281	0.012054	0.005200	0.007902	0.011001
119	Insurance					0.000593	0.000460	0.000750	0.001269	0.000689	0.001525	0.001572
120	Ownership of dwellings											
121	Education and research						0.019144	0.002036	0.003691	0.003139	0.010397	
122	Medical and health											
123	Business services				0.001821		0.003926	0.003296	0.006133	0.003052	0.002934	0.003222
124	Computer & related activities				0.002784		0.000073	0.000071	0.000084	0.001051	0.000038	0.001461
125	Legal services				0.002287		0.000271	0.000014	0.000015	0.007606	0.001708	0.000011
126	Real estate activities											
127	Renting of machinery & equipment				0.000397		0.000379	0.000242	0.000080	0.001097	0.008960	0.021492
128	O.com, social&personal services				0.000663		0.000001	0.000002	0.000003	0.000002	0.000004	0.000001
129	Other services				0.005278		0.003773	0.006995	0.011958	0.008806	0.008000	0.020573
130	Public administration											
	Total Input	1.084960	0.343071	0.514398	0.145853	0.146114	0.276045	0.172877	0.284442	0.150386	0.123880	0.140211
	NIT	-0.084960	-0.017188	-0.040386	0.010147	0.003180	0.016438	0.013673	0.025764	0.017822	0.007780	0.014454
	Total Input+NIT	1.000000	0.325883	0.474012	0.156000	0.149294	0.292484	0.186549	0.310206	0.168208	0.131659	0.154665
	GVA		0.674117	0.525988	0.844000	0.850706	0.707516	0.813451	0.689794	0.831792	0.868341	0.845335
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	33	34	35	36	37	38	39	40	41	42	43
1	Paddy									0.000108	0.000078		0.025355
2	Wheat									0.000173	0.000119		0.042223
3	Jowar												0.002613
4	Bajra												0.002840
5	Maize									0.000182	0.000256		0.006075
6	Gram									0.000332			0.002247
7	Pulses									0.000753	0.000157		0.017196
8	Sugarcane							0.580769	0.604518	0.005510			0.024744
9	Groundnut									0.065584	0.167201		0.000813
10	Coconut									0.004295	0.034109		0.000184
11	Other oilseeds									0.262705	0.368576		0.007816
12	Jute												
13	Cotton									0.001804	0.002223		
14	Tea											0.240466	0.000664
15	Coffee											0.150380	0.000523
16	Rubber												0.000321
17	Tobacco									0.000002			
18	Fruits							0.000352	0.003137	0.000171			0.175622
19	Vegetables							0.000051	0.000021	0.000199	0.000308		0.003256
20	Other crops							0.000158	0.000255	0.018764	0.015013		0.007520
21	Milk and milk products							0.000001		0.000008	0.000014		0.072991
22	Animal services(agricultural)												
23	Poultry & Eggs										0.000003		0.001268
24	Other liv.st. produ.									0.000002			0.017526
25	Forestry and logging												0.000202
26	Fishing									0.000018			0.042785
27	Coal and lignite							0.000152	0.000266	0.000822	0.000783	0.001028	0.000536
28	Natural gas							0.000004					
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite			0.000002									
33	Copper ore												
34	Other metallic minerals												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	33	34	35	36	37	38	39	40	41	42	43
35	Lime stone			0.000001									
36	Mica												
37	Other non metallic minerals			0.000016				0.000001					0.000093
38	Sugar							0.002588	0.001336	0.000184	0.000103	0.001367	0.017144
39	Khandsari, boora							0.002989					0.010311
40	Hydrogenated oil(vanaspati)							0.000001	0.000416	0.051596	0.008953		0.003724
41	Edible oils other than vanaspati									0.166588	0.074950		0.019834
42	Tea and coffee processing											0.013188	0.000294
43	Miscellaneous food products							0.000021		0.039650	0.003311	0.017415	0.071558
44	Beverages							0.000062	0.000097	0.000007		0.000001	0.000269
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles									0.000147	0.000032		
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles												
51	Jute, hemp, mesta textiles							0.000115	0.000122	0.000195	0.000274	0.000432	0.000602
52	Carpet weaving												
53	Readymade garments	0.002244	0.000068	0.000340			0.000024					0.000026	0.000136
54	Miscellaneous textile products							0.000244	0.000274	0.000419	0.000545	0.001158	0.001511
55	Furniture and fixtures-wooden	0.001814	0.000055				0.000040						0.000055
56	Wood and wood products		0.000713		0.002989	0.000457	0.000838	0.001620	0.015615	0.001905	0.003462	0.004064	
57	Paper, paper prods. & newsprint	0.000351	0.000023	0.000289	0.000459	0.000107	0.002350	0.001528	0.010983	0.004312	0.006122	0.014711	
58	Printing and publishing	0.000603	0.000012	0.000429		0.000051							
59	Leather footwear												
60	Leather and leather products												
61	Rubber products	0.009089	0.004223	0.007926	0.001088	0.001381							
62	Plastic products					0.000039	0.001058	0.001971	0.003571	0.002346	0.004195	0.005032	
63	Petroleum products	0.016596	0.011510	0.027631	0.038290	0.011481	0.019387	0.002766	0.002934	0.004055	0.009177	0.007573	
64	Coal tar products												
65	Inorganic heavy chemicals	0.011415					0.000001	0.000804	0.001319	0.002106	0.000739	0.000030	0.002558
66	Organic heavy chemicals							0.000059	0.000074	0.000623	0.000405	0.000976	0.001038
67	Fertilizers									0.000009			
68	Pesticides											0.000003	

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	33	34	35	36	37	38	39	40	41	42	43
69	Paints, varnishes and lacquers									0.000006	0.000004		0.000032
70	Drugs and medicines									0.000004		0.000250	0.000944
71	Soaps, cosmetics & glycerin									0.000416	0.000007	0.000070	0.000039
72	Synthetic fibers, resin											0.000003	
73	Other chemicals		0.009197	0.016311	0.041850	0.016477	0.029974	0.000201		0.008740	0.012315	0.000287	0.002499
74	Structural clay products						0.000002						
75	Cement												
76	Other non-metallic mineral prods.							0.000042	0.000048				0.002008
77	Iron, steel and ferro alloys						0.000005						
78	Iron and steel casting & forging												
79	Iron and steel foundries						0.000003						
80	Non-ferrous basic metals												
81	Hand tools, hardware			0.007262	0.000041								
82	Miscellaneous metal products		0.005175	0.000778		0.002965	0.000678			0.000116	0.000026		0.000754
83	Tractors and agri. implements												
84	Industrial machinery(F & T)							0.002158	0.001713	0.000877	0.001082	0.002953	0.002372
85	Industrial machinery(others)		0.001846	0.008607	0.000795		0.001286	0.002100					0.000002
86	Machine tools												0.000015
87	Other non-electrical machinery		0.003903	0.010018	0.041856	0.008752	0.010873	0.000045	0.000159				0.000115
88	Electrical industrial Machinery							0.000261					0.000001
89	Electrical wires & cables							0.000215					
90	Batteries				0.000007		0.000003						
91	Electrical appliances		0.000041	0.000001	0.000025		0.000002	0.000157					
92	Communication equipments							0.000186					
93	Other electrical Machinery							0.000186					
94	Electronic equipments(incl.TV)		0.000609	0.000023	0.000004			0.000138					
95	Ships and boats												
96	Rail equipments												
97	Motor vehicles		0.000512	0.002021	0.001318	0.000337	0.000532	0.000636					
98	Motor cycles and scooters				0.000004								
99	Bicycles, cycle-rickshaw				0.000032		0.000002						
100	Other transport equipments												
101	Watches and clocks												
102	Medical, precision&optical instru.s												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	33	34	35	36	37	38	39	40	41	42	43
103	Jems & jewelry											
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.000046	0.000404	0.000069	0.000260	0.000011	0.000594				0.000172	0.000165
106	Construction	0.003180	0.011543	0.028938		0.007540	0.005158	0.002120	0.000783	0.000651	0.003423	0.008933
107	Electricity	0.018532	0.025860	0.029034	0.036783	0.008791	0.010236	0.007777	0.009825	0.010002	0.046106	0.019361
108	Water supply	0.000246	0.000156	0.000142		0.000001						0.000098
109	Railway transport services	0.001348	0.000846	0.003217	0.000644	0.006303	0.000442	0.000413	0.001350	0.001490	0.000446	0.002920
110	Land tpt including via pipeline	0.013020	0.006619	0.018353	0.023282	0.012123	0.008629	0.009216	0.032515	0.015319	0.218439	0.038679
111	Water transport	0.000219	0.000141	0.000275	0.000389	0.000114	0.000197	0.000032	0.002970	0.003004	0.000482	0.001995
112	Air transport	0.000015	0.000167	0.000169	0.001638	0.000075	0.000094	0.000945	0.000453	0.001269	0.000166	0.000385
113	Supporting and aux. tpt activities	0.002169	0.001322	0.000725	0.000611	0.000410	0.000760	0.000701	0.003803	0.001419	0.027668	0.002690
114	Storage and warehousing	0.000359	0.000590		0.000566							
115	Communication	0.006752	0.001196	0.001808	0.000678	0.001078	0.002917	0.006902	0.002413	0.000665	0.000655	0.004607
116	Trade	0.007955	0.007915	0.011006	0.009957	0.004653	0.257424	0.265426	0.130375	0.131082	0.046470	0.157884
117	Hotels and restaurants	0.001376	0.000279	0.001655	0.014608	0.007195						
118	Banking	0.013458	0.007947	0.012965	0.043078	0.013518	0.027157	0.030995	0.026121	0.028219	0.049110	0.024811
119	Insurance	0.002743	0.000703	0.001931	0.011459	0.000646	0.004497	0.005431	0.001427	0.001580	0.005971	0.004947
120	Ownership of dwellings											
121	Education and research	0.004106	0.000222		0.041514							
122	Medical and health											
123	Business services	0.006834	0.017461	0.000050	0.000346	0.000035	0.000672	0.000762	0.000406	0.000652	0.000342	0.007394
124	Computer & related activities	0.005598	0.000055	0.000094	0.000037	0.000056	0.001413	0.001467	0.002003	0.002175	0.002117	0.001297
125	Legal services	0.025858	0.016403	0.002785		0.004460	0.000006	0.000156	0.000145	0.000576	0.000022	0.000069
126	Real estate activities											
127	Renting of machinery & equipment	0.027460	0.006208	0.010324		0.008670	0.000060	0.000093	0.000240	0.000095	0.000013	0.000035
128	O.com, social&personal services	0.000003		0.000075		0.000053			0.000002	0.000019	0.000002	0.001860
129	Other services	0.019886	0.007707	0.012026		0.005396	0.004461	0.001037	0.002691	0.000280	0.014995	0.000219
130	Public administration											
	Total Input	0.224559	0.175389	0.258189	0.257207	0.138065	0.943048	0.955112	0.883740	0.902704	0.869587	0.902959
	NIT	0.020826	0.012178	0.023593	0.014450	0.011372	-0.085607	-0.096173	0.009707	-0.010223	0.002753	-0.009323
	Total Input+NIT	0.245386	0.187567	0.281782	0.271657	0.149437	0.857441	0.858940	0.893446	0.892480	0.872340	0.893636
	GVA	0.754614	0.812433	0.718218	0.728343	0.850563	0.142559	0.141060	0.106554	0.107520	0.127660	0.106364
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	44	45	46	47	48	49	50	51	52	53	54
1	Paddy		0.000743										
2	Wheat		0.000080								0.000202	0.000001	
3	Jowar		0.004237										
4	Bajra		0.005887										
5	Maize		0.000691										
6	Gram		0.000020										
7	Pulses		0.000141										
8	Sugarcane		0.017204	0.018362									
9	Groundnut												
10	Coconut		0.000001	0.000003						0.003764		0.000141	
11	Other oilseeds		0.000019										
12	Jute				0.000096	0.000118				0.170259	0.000249		0.001255
13	Cotton				0.054386	0.252249		0.008662	0.001079		0.000701	0.000648	0.000067
14	Tea												
15	Coffee												
16	Rubber												0.000012
17	Tobacco			0.050663									
18	Fruits		0.088620										
19	Vegetables		0.000910									0.000053	
20	Other crops		0.004564	0.001616						0.001016	0.000007		0.003600
21	Milk and milk products		0.002010										
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.			0.000001		0.000103	0.076629	0.010161					0.001721
25	Forestry and logging		0.000334	0.029773		0.000031	0.000021	0.000334	0.000049			0.000021	0.001357
26	Fishing			0.000016									
27	Coal and lignite		0.000809	0.000763	0.000879	0.001245	0.001203	0.001067	0.005685	0.005620	0.000797	0.000121	0.000343
28	Natural gas		0.000001					0.000108					0.016105
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												
34	Other metallic minerals												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	44	45	46	47	48	49	50	51	52	53	54
35	Lime stone									0.000003			
36	Mica												
37	Other non metallic minerals								0.000725	0.000771			0.000020
38	Sugar		0.042437	0.000190									
39	Khandsari, boora		0.075516										
40	Hydrogenated oil(vanaspati)		0.000225										
41	Edible oils other than vanaspati		0.000286										
42	Tea and coffee processing		0.000252	0.000118									
43	Miscellaneous food products		0.176430	0.029027	0.000991	0.004246						0.000255	
44	Beverages		0.036643						0.000011				
45	Tobacco products			0.102280									
46	Khadi, cotton textiles(handlooms)				0.054435	0.006580	0.000536	0.004756	0.001267	0.000286	0.002148	0.023761	0.021903
47	Cotton textiles				0.076891	0.054034	0.002301	0.027901	0.008417	0.001812	0.009924	0.134353	0.078594
48	Woolen textiles				0.000077	0.000357	0.180115	0.000108	0.005994	0.023471	0.064043	0.004271	0.006909
49	Silk textiles					0.000962	0.001182	0.147850	0.001844	0.003317	0.002791	0.011078	0.002617
50	Art silk, synthetic fiber textiles			0.000403	0.043622	0.061021	0.032034	0.096175	0.174862	0.017999	0.067609	0.065340	0.087862
51	Jute, hemp, mesta textiles		0.001846	0.000771	0.000378	0.001971	0.009870	0.000881	0.001533	0.025655	0.024293	0.003586	0.006375
52	Carpet weaving					0.000203	0.002418	0.000104	0.000003				0.000037
53	Readymade garments					0.038707	0.026495	0.000134	0.001217		0.017930	0.024007	0.009887
54	Miscellaneous textile products		0.005016	0.001667	0.000646	0.021798	0.003654	0.017311	0.023263	0.001701	0.044315	0.051554	0.054295
55	Furniture and fixtures-wooden		0.000225						0.006365			0.000262	0.000039
56	Wood and wood products		0.000551	0.010224	0.002510	0.001906	0.000550	0.001366	0.002599	0.000734	0.001495	0.003390	0.001768
57	Paper, paper prods. & newsprint		0.017557	0.021742	0.003550	0.003530	0.001555	0.002484	0.016736	0.009408	0.003115	0.006260	0.003640
58	Printing and publishing		0.000067	0.000188								0.000117	0.000289
59	Leather footwear										0.000001		0.000001
60	Leather and leather products					0.001224	0.004242		0.000133		0.003420	0.005486	0.029276
61	Rubber products				0.000029	0.000019					0.003398	0.000997	0.002770
62	Plastic products		0.018659	0.001195	0.006359	0.001385	0.001845	0.007677	0.022544	0.001067	0.002835	0.006605	0.004751
63	Petroleum products		0.007912	0.003507	0.009365	0.011630	0.008607	0.015570	0.023746	0.004236	0.004572	0.006027	0.006394
64	Coal tar products									0.000070			0.000056
65	Inorganic heavy chemicals		0.004548	0.000890	0.002261	0.004849	0.001234	0.007389	0.040190	0.003984	0.003529	0.000371	0.001528
66	Organic heavy chemicals		0.012190	0.004200	0.000893	0.001172		0.116413	0.048961	0.001594	0.001018	0.000643	0.002226
67	Fertilizers												
68	Pesticides			0.002212					0.000111				

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	44	45	46	47	48	49	50	51	52	53	54
69	Paints, varnishes and lacquers	0.000046		0.015627	0.005397	0.001355	0.001599	0.007714	0.004781	0.001100	0.001820	0.001965
70	Drugs and medicines	0.000609			0.000004			0.000044				
71	Soaps, cosmetics & glycerin	0.000918	0.006112	0.005204	0.000055	0.000153	0.000017	0.001029	0.000041	0.000460	0.002380	0.003273
72	Synthetic fibers, resin			0.000653	0.001975		0.003431	0.121001		0.001968	0.012031	0.039273
73	Other chemicals	0.012182	0.002708	0.000637	0.001473	0.003640	0.001377	0.012010	0.011933	0.000707	0.011447	0.007102
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.	0.000568	0.000104		0.000004			0.000352	0.000994	0.000096	0.000300	0.000035
77	Iron, steel and ferro alloys										0.000187	
78	Iron and steel casting & forging							0.000082			0.000012	
79	Iron and steel foundries										0.000173	
80	Non-ferrous basic metals				0.000028			0.000108			0.000184	
81	Hand tools, hardware					0.000564	0.000729				0.000100	0.000266
82	Miscellaneous metal products	0.000312	0.001395		0.000010		0.007822	0.000002	0.003818	0.000257	0.001524	0.005300
83	Tractors and agri. implements											0.000066
84	Industrial machinery(F & T)	0.003400	0.002152	0.002584	0.004298	0.024382	0.001018	0.004403	0.006508	0.015194	0.010964	0.017123
85	Industrial machinery(others)	0.000005		0.000303		0.000102	0.000147	0.000039		0.000001		0.001648
86	Machine tools	0.000008			0.000080			0.000068	0.000015	0.019233	0.004347	0.020648
87	Other non-electrical machinery	0.000199	0.000285	0.000152	0.001187			0.000119		0.000125	0.000050	0.000102
88	Electrical industrial Machinery				0.000001							
89	Electrical wires & cables											
90	Batteries				0.000005							0.000241
91	Electrical appliances							0.000014				0.000001
92	Communication equipments											
93	Other electrical Machinery				0.000008						0.000081	0.002559
94	Electronic equipments(incl.TV)											0.003534
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											
100	Other transport equipments											
101	Watches and clocks											
102	Medical, precision&optical instru.s	0.000013										

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	44	45	46	47	48	49	50	51	52	53	54
103	Jems & jewelry						0.000968	0.000016				0.000109
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.000009	0.000147		0.000452		0.002639	0.001395		0.019700	0.004788	0.005360
106	Construction	0.002317	0.001710	0.002539	0.008549	0.004551	0.008201	0.006214	0.005710	0.002347	0.020294	0.051098
107	Electricity	0.023775	0.003691	0.027606	0.039710	0.023452	0.016024	0.028196	0.050817	0.006287	0.004728	0.008285
108	Water supply	0.000502		0.000323	0.000220							0.000035
109	Railway transport services	0.001775	0.006581	0.001498	0.000950	0.000869	0.001107	0.001459	0.002126	0.000852	0.002935	0.001190
110	Land tpt including via pipeline	0.033129	0.030632	0.044755	0.115872	0.064562	0.063449	0.040078	0.036600	0.049342	0.040516	0.039265
111	Water transport	0.003888	0.000931	0.000128	0.000232	0.000170	0.000187	0.000321	0.000315	0.000107	0.000086	0.000104
112	Air transport	0.000845	0.002407	0.002288	0.000792	0.001854	0.001986	0.000140	0.000800	0.000862	0.000661	0.000958
113	Supporting and aux. tpt activities	0.003696	0.001782	0.004294	0.012296	0.007444	0.006699	0.005121	0.002555	0.004914	0.003911	0.004258
114	Storage and warehousing											
115	Communication	0.001831	0.003128	0.001184	0.002942	0.004414	0.003093	0.000866	0.002173	0.002676	0.009176	0.006833
116	Trade	0.094521	0.084890	0.096810	0.083455	0.102865	0.110369	0.139623	0.147121	0.080527	0.113733	0.121111
117	Hotels and restaurants				0.000321							
118	Banking	0.029780	0.016601	0.011197	0.013843	0.022272	0.042693	0.016706	0.019863	0.025210	0.019961	0.013018
119	Insurance	0.005039	0.005438	0.008029	0.010425	0.002288	0.026822	0.010339	0.003128	0.007803	0.013503	0.009767
120	Ownership of dwellings											
121	Education and research											
122	Medical and health											
123	Business services	0.002673	0.002906	0.001764	0.004379	0.002518	0.003304	0.023449	0.006129	0.001607	0.011023	0.010066
124	Computer & related activities	0.001869	0.007286	0.004836	0.000973	0.005352	0.010402	0.001770	0.007579	0.000263	0.004470	0.005297
125	Legal services	0.000052	0.003590	0.001073	0.000193	0.001721	0.003540	0.000878	0.002396	0.000517	0.001831	0.001117
126	Real estate activities											
127	Renting of machinery & equipment	0.000029	0.000141	0.000055	0.000030	0.000679	0.001347	0.000184	0.000216	0.000002	0.000022	0.000117
128	O.com, social&personal services	0.000010	0.000697	0.000234	0.048532	0.000072	0.000051	0.000080	0.000052	0.000252	0.022677	0.070528
129	Other services	0.000320	0.009318	0.008435	0.001490	0.004703	0.010733	0.002445	0.025556	0.022359	0.002580	0.001544
130	Public administration											
	Total Input	0.750950	0.474440	0.499575	0.829523	0.634475	0.796202	0.813598	0.617995	0.523160	0.671840	0.798892
	NIT	0.019040	0.057822	-0.008130	-0.041559	0.014184	0.030334	0.035396	0.018491	0.026932	0.014267	0.019171
	Total Input+NIT	0.769990	0.532262	0.491445	0.787964	0.648659	0.826536	0.848994	0.636486	0.550092	0.686107	0.818063
	GVA	0.230010	0.467738	0.508555	0.212036	0.351341	0.173464	0.151006	0.363514	0.449908	0.313893	0.181937
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	55	56	57	58	59	60	61	62	63	64	65
1	Paddy				0.000089								
2	Wheat				0.000001	0.000078							
3	Jowar												
4	Bajra												
5	Maize									0.000013			
6	Gram												
7	Pulses									0.000007			
8	Sugarcane												
9	Groundnut											0.000009	0.000002
10	Coconut											0.000068	0.000045
11	Other oilseeds									0.000007			0.000022
12	Jute		0.000018		0.000043								
13	Cotton							0.000004					
14	Tea												
15	Coffee												
16	Rubber						0.001010	0.029060	0.106459	0.025970	0.000001		0.000015
17	Tobacco												
18	Fruits												
19	Vegetables												
20	Other crops			0.000926	0.005158			0.000015	0.000006		0.000002	0.000219	0.000318
21	Milk and milk products												
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.		0.004566	0.000235	0.000035	0.000003	0.248306	0.134771		0.000001	0.000020		
25	Forestry and logging		0.103965	0.334662	0.126042	0.000166			0.000548	0.000279		0.000517	0.000004
26	Fishing												
27	Coal and lignite		0.000740	0.004697	0.020764				0.001207	0.000124	0.000001	0.141939	0.023916
28	Natural gas								0.000012		0.026150	0.018993	0.000649
29	Crude petroleum										0.675526	0.022656	
30	Iron ore			0.000006								0.000848	
31	Manganese ore												0.000043
32	Bauxite												0.000041
33	Copper ore												
34	Other metallic minerals										0.000001		0.000230

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	55	56	57	58	59	60	61	62	63	64	65
35	Lime stone								0.000004				0.001736
36	Mica												
37	Other non metallic minerals		0.001375	0.000104	0.000598	0.000052			0.000999	0.000070		0.000469	0.005226
38	Sugar											0.000063	0.004245
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)												0.000027
41	Edible oils other than vanaspati									0.000276		0.000010	0.007722
42	Tea and coffee processing												0.000002
43	Miscellaneous food products			0.000512	0.007949	0.001768	0.003523	0.001868	0.000812	0.005358	0.000205	0.001041	0.035920
44	Beverages		0.000001		0.000069			0.000001		0.000307	0.000067		0.007900
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)		0.000264	0.000028	0.000112	0.000118			0.000589	0.000046			
47	Cotton textiles		0.001348	0.000070	0.000502	0.000173	0.000100	0.000351	0.001273	0.000186			0.000008
48	Woolen textiles		0.000185		0.000002	0.000017		0.000011	0.000005				
49	Silk textiles		0.000002		0.000471		0.000001	0.000005					
50	Art silk, synthetic fiber textiles		0.000778	0.000476	0.000675	0.000166	0.003477	0.003198				0.000090	0.000001
51	Jute, hemp, mesta textiles		0.004042	0.001847	0.001027	0.002437	0.001522	0.000625	0.001685	0.001089	0.000015	0.000206	0.003411
52	Carpet weaving		0.000102		0.000229	0.000043	0.000425	0.000369					
53	Readymade garments		0.000588		0.002255	0.001204	0.003016	0.000733		0.007233			
54	Miscellaneous textile products		0.016959	0.000181	0.005049	0.005244	0.003132	0.002713	0.026865	0.003849	0.000070	0.000495	0.003668
55	Furniture and fixtures-wooden		0.034069	0.005096		0.000240				0.000120			
56	Wood and wood products		0.033150	0.011527	0.014157	0.013005	0.000976	0.000614	0.000839	0.001109	0.000093	0.000462	0.001598
57	Paper, paper prods. & newsprint		0.003054	0.013040	0.210402	0.259924	0.001478	0.001240	0.001382	0.003994	0.000158	0.000810	0.004907
58	Printing and publishing		0.000028	0.000006	0.016437	0.079941	0.000027			0.000005			
59	Leather footwear			0.000001			0.001052	0.000104					0.006457
60	Leather and leather products		0.002143	0.000877		0.000697	0.233946	0.282057	0.002052	0.001663			
61	Rubber products		0.012727	0.000374	0.000576	0.000341	0.002597	0.000906	0.025907	0.006791	0.000019	0.000002	0.006885
62	Plastic products		0.020519	0.007442	0.006331	0.012527	0.002705	0.003413	0.005293	0.250817	0.000291	0.000659	0.007988
63	Petroleum products		0.006110	0.004052	0.021248	0.007083	0.005634	0.004490	0.009806	0.005782	0.050127	0.028200	0.043188
64	Coal tar products								0.000051	0.000006	0.000146	0.027102	0.002707
65	Inorganic heavy chemicals		0.006199	0.000924	0.032846	0.019994	0.000876	0.000618	0.037765	0.011887	0.001935	0.047309	0.169031
66	Organic heavy chemicals		0.031951	0.007966	0.009740	0.001671	0.000325	0.000726	0.002354	0.064999	0.000819	0.000668	0.113540
67	Fertilizers			0.002415							0.011695		
68	Pesticides		0.000285	0.004129	0.001446				0.000050	0.000205	0.000058		0.061079

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	55	56	57	58	59	60	61	62	63	64	65
69	Paints, varnishes and lacquers	0.007134	0.000758	0.005433	0.020124	0.011108	0.001602	0.001350	0.005839	0.000051	0.000007	0.003911
70	Drugs and medicines		0.000240					0.000043	0.000492			
71	Soaps, cosmetics & glycerin		0.001785	0.001700	0.000703			0.000534	0.000121	0.000011		0.001400
72	Synthetic fibers, resin	0.000872	0.003189	0.001345	0.001329	0.000115	0.000080	0.192764	0.182770	0.000003	0.000186	0.001085
73	Other chemicals	0.001079	0.003112	0.020184	0.024279	0.013841	0.009931	0.012219	0.052861	0.001954	0.059168	0.019264
74	Structural clay products	0.000001	0.000002									
75	Cement											
76	Other non-metallic mineral prods.	0.001300	0.000378	0.001333	0.001316	0.000103	0.000097	0.000205	0.000242	0.000015	0.000130	0.000929
77	Iron, steel and ferro alloys	0.004312	0.000485	0.000834	0.000411	0.000103	0.000099	0.001752	0.000818		0.000016	0.000033
78	Iron and steel casting & forging	0.025955	0.000128	0.000610	0.000049	0.000020	0.000001	0.000154	0.000138	0.000025	0.000004	0.000525
79	Iron and steel foundries	0.015663	0.001264	0.000946	0.000450	0.000095	0.000085	0.001520	0.000713			0.000037
80	Non-ferrous basic metals	0.010436	0.000614	0.000245	0.000675	0.000159	0.000106	0.000580	0.001363	0.000012	0.004758	0.007299
81	Hand tools, hardware	0.006781	0.001127	0.000085	0.000312	0.000299	0.000186	0.000103	0.000527			0.000028
82	Miscellaneous metal products	0.009152	0.002635	0.002327	0.005399	0.002312	0.000880	0.004756	0.002079	0.000016		0.000693
83	Tractors and agri. implements							0.000070	0.000077			
84	Industrial machinery(F & T)						0.002260					
85	Industrial machinery(others)	0.002541	0.002580	0.002465	0.002869	0.003082		0.002563	0.001577	0.000164	0.003153	0.003414
86	Machine tools	0.003769	0.000093	0.001579	0.000087	0.000026	0.000016	0.000588	0.000244	0.000007	0.000044	0.000009
87	Other non-electrical machinery	0.001772		0.000581	0.000014	0.000796	0.000709	0.000198	0.000277	0.000286	0.000100	0.000310
88	Electrical industrial Machinery	0.000051		0.000001	0.000005							0.000047
89	Electrical wires & cables	0.000005		0.000001								0.000001
90	Batteries				0.000005							0.000004
91	Electrical appliances	0.000110	0.000739	0.000001				0.000014	0.000025			
92	Communication equipments				0.000064				0.000019			
93	Other electrical Machinery	0.001956		0.000323	0.000046	0.000029	0.000467	0.000056	0.000548		0.000004	0.000146
94	Electronic equipments(incl.TV)				0.011170		0.000027	0.000148	0.000379			
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles	0.000520						0.000353	0.000046			
98	Motor cycles and scooters							0.000025				
99	Bicycles, cycle-rickshaw											
100	Other transport equipments											
101	Watches and clocks											
102	Medical, precision&optical instru.s								0.000093			0.000005

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	55	56	57	58	59	60	61	62	63	64	65
103	Jems & jewelry					0.000045						
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.000030	0.000086	0.000627	0.007939	0.006577	0.000423	0.000013	0.001267	0.000093	0.000041	0.000038
106	Construction	0.005408	0.002609	0.004469	0.033264	0.002969	0.001839	0.004711	0.002580	0.000541	0.001572	0.010837
107	Electricity	0.004842	0.005171	0.028876	0.012597	0.008141	0.007440	0.018049	0.019701	0.006562	0.011841	0.054401
108	Water supply			0.000006		0.000003	0.000003	0.000001		0.000002	0.000003	0.002895
109	Railway transport services	0.001686	0.003805	0.004506	0.002061	0.003684	0.000328	0.000955	0.001280	0.005911	0.025249	0.005300
110	Land tpt including via pipeline	0.036062	0.043937	0.059565	0.063954	0.055376	0.036293	0.032488	0.033391	0.006328	0.024511	0.029471
111	Water transport	0.000990	0.002968	0.001714	0.000140	0.000353	0.000203	0.000167	0.000192	0.000526	0.002121	0.001748
112	Air transport	0.007340	0.003400	0.000691	0.002482	0.001755	0.002104	0.001822	0.002168	0.002882	0.002100	0.002498
113	Supporting and aux. tpt activities	0.002970	0.004243	0.005670	0.005684	0.003910	0.003158	0.003303	0.003388	0.000588	0.002772	0.002793
114	Storage and warehousing											
115	Communication	0.004351	0.002428	0.004057	0.001477	0.001661	0.002253	0.003131	0.001032	0.001204	0.002188	0.003586
116	Trade	0.088201	0.095314	0.078961	0.048162	0.124627	0.128238	0.062749	0.058827	0.011970	0.091268	0.093559
117	Hotels and restaurants											
118	Banking	0.052900	0.018302	0.016726	0.021128	0.015865	0.010027	0.012377	0.011025	0.011233	0.009455	0.019365
119	Insurance	0.003508	0.001960	0.004383	0.004577	0.008254	0.002030	0.002278	0.002438	0.001092	0.000990	0.012928
120	Ownership of dwellings											
121	Education and research											
122	Medical and health											
123	Business services	0.002910	0.001142	0.000118	0.001484	0.001496	0.000238	0.000069	0.001567	0.000148	0.000019	0.000932
124	Computer & related activities	0.002374	0.000930	0.002576	0.009727	0.005937	0.000478	0.000293	0.002125	0.001035	0.000137	0.001688
125	Legal services	0.001882	0.001252	0.000322	0.000440	0.000775	0.000343	0.000338	0.000127	0.000064	0.000049	0.002219
126	Real estate activities											
127	Renting of machinery & equipment	0.000685	0.000155	0.000186	0.000074	0.000064		0.000126				0.000122
128	O.com, social&personal services	0.000196	0.000033	0.000051	0.009166	0.000084	0.000060	0.000031	0.024608	0.000052	0.000020	0.000100
129	Other services	0.001230	0.001013	0.000608	0.000671	0.002246	0.002296	0.002833	0.000206	0.000165	0.007260	0.002749
130	Public administration											
	Total Input	0.596144	0.609471	0.738358	0.701227	0.790037	0.682193	0.591690	0.809364	0.820338	0.541998	0.798902
	NIT	0.034932	0.009990	0.036473	0.043136	0.015344	0.011406	0.027108	0.054749	0.040477	0.035658	0.045873
	Total Input+NIT	0.631076	0.619461	0.774831	0.744363	0.805382	0.693599	0.618798	0.864112	0.860816	0.577655	0.844775
	GVA	0.368924	0.380539	0.225169	0.255637	0.194618	0.306401	0.381202	0.135888	0.139184	0.422345	0.155225
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	66	67	68	69	70	71	72	73	74	75	76
1	Paddy			0.000001			0.000001						
2	Wheat			0.000001	0.000020		0.000012	0.000362		0.000001			
3	Jowar									0.000029			
4	Bajra			0.000432			0.000004						
5	Maize						0.000659			0.000011			
6	Gram			0.001140				0.000202		0.000146			
7	Pulses			0.000018			0.000088	0.000001		0.000809			
8	Sugarcane			0.000134			0.009549	0.000316					
9	Groundnut		0.000002				0.000003	0.000125					
10	Coconut		0.000083	0.000006			0.000003	0.001099	0.000006		0.002025		0.000042
11	Other oilseeds		0.000029	0.001404		0.000355	0.003286	0.000370		0.000609			
12	Jute									0.000058			0.000046
13	Cotton			0.000004			0.000251						
14	Tea						0.000081			0.000001			
15	Coffee												
16	Rubber		0.000012			0.000215	0.000018		0.000409	0.000036			0.000104
17	Tobacco												
18	Fruits					0.000161	0.000186	0.000158		0.000089			
19	Vegetables						0.000035	0.000372		0.000705	0.000035		0.000003
20	Other crops		0.000281	0.000403	0.000303	0.003647	0.003564	0.001437	0.000159	0.023850	0.001367		0.001465
21	Milk and milk products						0.002107	0.000617					
22	Animal services(agricultural)												
23	Poultry & Eggs			0.000005			0.000198						
24	Other liv.st. produ.		0.000734	0.012081	0.000355	0.000008	0.000297	0.000343	0.004330	0.014712			0.000473
25	Forestry and logging		0.000009	0.000025	0.000063	0.005156	0.001244	0.000838	0.000143	0.000948	0.000246		0.000230
26	Fishing		0.006650	0.000002			0.000005						
27	Coal and lignite		0.006611	0.005700	0.000273	0.000312	0.000612	0.000634	0.000042	0.001273	0.009353	0.083961	0.009320
28	Natural gas		0.000767	0.055859	0.000027	0.007531	0.002635		0.012195	0.036706	0.002229	0.034517	0.002707
29	Crude petroleum												
30	Iron ore					0.000003				0.000087	0.000819	0.001939	0.006209
31	Manganese ore		0.000022	0.000260						0.000009	0.000043		0.003047
32	Bauxite			0.000004	0.000007	0.000045		0.000051		0.000011	0.002502	0.000140	0.000431
33	Copper ore												
34	Other metallic minerals			0.000080	0.000094	0.000557	0.000008	0.000127		0.001434	0.000796		0.000337

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	66	67	68	69	70	71	72	73	74	75	76
35	Lime stone	0.001606	0.000066	0.000003	0.000006		0.000103		0.000006	0.000872	0.039541	0.000649
36	Mica											0.003581
37	Other non metallic minerals	0.005613	0.014205	0.001096	0.000941	0.000079	0.002639	0.000185	0.002863	0.022281	0.018823	0.027856
38	Sugar	0.003669	0.000010	0.000026		0.005100	0.000360		0.003911	0.000298		
39	Khandsari, boora					0.002469	0.000189					
40	Hydrogenated oil(vanaspati)	0.000030				0.000049	0.002638					
41	Edible oils other than vanaspati	0.007663	0.000080	0.000059	0.004058	0.002533		0.000317	0.000742			0.000052
42	Tea and coffee processing	0.000004			0.000004	0.000003					0.000008	
43	Miscellaneous food products	0.031488	0.002173	0.009241	0.006551	0.022420	0.017205	0.004192	0.029688	0.028228	0.000477	0.004809
44	Beverages	0.007548	0.000107	0.001299	0.000380	0.000755	0.000763	0.001668	0.000343	0.000073		0.000155
45	Tobacco products		0.000010			0.000034						0.000026
46	Khadi, cotton textiles(handlooms)				0.000008	0.000076	0.000008	0.000019	0.000044			0.000044
47	Cotton textiles			0.000051	0.000054	0.000430	0.000027	0.000116	0.000224			0.000246
48	Woolen textiles								0.000002		0.000019	0.000073
49	Silk textiles									0.000004		
50	Art silk, synthetic fiber textiles	0.000001	0.000107	0.000856	0.000031	0.000050	0.000001	0.000024	0.000753			0.000984
51	Jute, hemp, mesta textiles	0.000318	0.000225	0.000833	0.001025	0.001256	0.002924	0.000123	0.004156	0.000462	0.000562	0.001892
52	Carpet weaving											0.000001
53	Readymade garments				0.000141	0.000270	0.000004	0.000014	0.000008		0.001367	0.001342
54	Miscellaneous textile products	0.000689	0.000561	0.001620	0.002560	0.003078	0.006312	0.000419	0.001524	0.000745	0.001376	0.001997
55	Furniture and fixtures-wooden						0.000078		0.004270			0.000522
56	Wood and wood products	0.001837	0.001251	0.004889	0.005714	0.005395	0.016873	0.001167	0.005203	0.001924	0.002815	0.002449
57	Paper, paper prods. & newsprint	0.014183	0.000004	0.000069	0.000013	0.000974	0.000200	0.000087	0.033886	0.002868	0.005372	0.004316
58	Printing and publishing					0.001666	0.001066		0.000923			0.000025
59	Leather footwear											
60	Leather and leather products		0.000010			0.000010			0.001498	0.000388		
61	Rubber products	0.000025	0.000004	0.000529	0.000260	0.000015	0.000094	0.002731	0.000689	0.000022	0.000023	0.000649
62	Plastic products	0.006202	0.002033	0.000270	0.013013	0.010111	0.035851	0.007400	0.008484	0.002692	0.090397	0.004447
63	Petroleum products	0.067425	0.098132	0.012084	0.017022	0.008362	0.012825	0.037163	0.022745	0.086629	0.069098	0.088554
64	Coal tar products	0.002700			0.000432		0.000314		0.001026	0.000322	0.000812	0.007612
65	Inorganic heavy chemicals	0.126380	0.146908	0.083516	0.116169	0.016250	0.076658	0.100179	0.065781	0.012288	0.000247	0.067908
66	Organic heavy chemicals	0.141884	0.038553	0.082544	0.040348	0.157967	0.063772	0.223184	0.045145	0.000507	0.000134	0.003952
67	Fertilizers		0.343245	0.012620								
68	Pesticides	0.065845	0.002226	0.290478								0.000025

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	66	67	68	69	70	71	72	73	74	75	76
69	Paints, varnishes and lacquers	0.003186	0.000019	0.000598	0.040225	0.000131	0.004898	0.001486	0.001941	0.005247	0.000071	0.001561
70	Drugs and medicines	0.006049	0.000060	0.002788	0.001511	0.248517	0.005425	0.000496	0.000680	0.000047		0.000910
71	Soaps, cosmetics & glycerin	0.000321	0.000008	0.001872	0.008491	0.002190	0.084659	0.000603	0.010193			0.000390
72	Synthetic fibers, resin	0.000778	0.000009	0.001969	0.028502	0.000050	0.000862	0.092955	0.003006	0.001238		0.003811
73	Other chemicals	0.021349	0.003143	0.008605	0.087204	0.008389	0.156032	0.060779	0.035862	0.001848	0.000456	0.001933
74	Structural clay products	0.000001			0.000008					0.049924	0.027298	0.000047
75	Cement									0.029967	0.018099	0.021767
76	Other non-metallic mineral prods.	0.001009	0.000110	0.000678	0.001285	0.000164	0.001698	0.000025	0.001149	0.037582	0.011882	0.057819
77	Iron, steel and ferro alloys	0.000061	0.000005		0.000387	0.000008	0.000007	0.000007	0.000150	0.000024	0.000023	0.005076
78	Iron and steel casting & forging	0.000483	0.000001	0.000004	0.000274	0.000083	0.000001		0.000229	0.000143	0.000031	0.002134
79	Iron and steel foundries	0.000014	0.000005		0.000446	0.000005	0.000006	0.000003	0.000101	0.000190	0.000011	0.008954
80	Non-ferrous basic metals	0.006973	0.000066	0.001241	0.003106	0.000180	0.000193	0.000054	0.008369	0.000259	0.000010	0.006195
81	Hand tools, hardware	0.000025			0.000004					0.000052		0.001065
82	Miscellaneous metal products	0.000466	0.000017	0.000538	0.000146	0.000065	0.000489	0.000041	0.000973	0.000901	0.000008	0.007246
83	Tractors and agri. implements											0.000017
84	Industrial machinery(F & T)											0.001142
85	Industrial machinery(others)	0.003885	0.002188	0.006555	0.004295	0.003304	0.008615	0.003819	0.003274	0.003463		0.000100
86	Machine tools	0.000014	0.000018	0.000076		0.000007	0.000010	0.000010	0.000111	0.000055	0.000492	0.002937
87	Other non-electrical machinery	0.000331	0.006906	0.017249	0.000222	0.000223	0.000481	0.000035	0.000272	0.000058	0.000164	0.002156
88	Electrical industrial Machinery	0.000043	0.000001									
89	Electrical wires & cables											0.000019
90	Batteries	0.000003										
91	Electrical appliances				0.000064						0.000020	0.000071
92	Communication equipments											0.000327
93	Other electrical Machinery	0.000180	0.000835			0.000002	0.008455	0.002209	0.000087	0.000104		0.000560
94	Electronic equipments(incl.TV)		0.000071				0.000122		0.000038	0.000123		
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											0.000015
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											
100	Other transport equipments											
101	Watches and clocks											
102	Medical, precision&optical instru.s	0.000005				0.000760					0.000130	0.002299

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	66	67	68	69	70	71	72	73	74	75	76
103	Jems & jewelry											
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.001938	0.001354	0.001154	0.002164	0.003406	0.000962		0.006234	0.000877		0.001131
106	Construction	0.007622	0.001904	0.003378	0.002265	0.010672	0.003155	0.000840	0.019819	0.002059	0.002871	0.113199
107	Electricity	0.055513	0.013119	0.019347	0.017205	0.018471	0.014511	0.006569	0.067879	0.030762	0.043941	0.030657
108	Water supply	0.000066	0.000165			0.000001	0.000030		0.000018	0.000075		0.000103
109	Railway transport services	0.002782	0.007935	0.001045	0.002548	0.004241	0.004227	0.006307	0.002085	0.007664	0.022142	0.007984
110	Land tpt including via pipeline	0.028937	0.063053	0.013197	0.030921	0.046283	0.045511	0.048206	0.036094	0.071003	0.046814	0.057948
111	Water transport	0.001695	0.001884	0.001073	0.000406	0.000643	0.000562	0.000492	0.000957	0.002232	0.002976	0.001540
112	Air transport	0.002534	0.002530	0.001122	0.002971	0.003892	0.005014	0.006303	0.002806	0.003892	0.004209	0.004843
113	Supporting and aux. tpt activities	0.002610	0.005854	0.001427	0.002473	0.003418	0.003820	0.002815	0.003104	0.003775	0.003904	0.003873
114	Storage and warehousing											
115	Communication	0.002822	0.001660	0.004163	0.002587	0.003059	0.006966	0.001197	0.004630	0.003380	0.004519	0.001942
116	Trade	0.088269	0.061143	0.110284	0.059592	0.059579	0.053719	0.067765	0.058126	0.069798	0.096190	0.076885
117	Hotels and restaurants											
118	Banking	0.016607	0.018709	0.019006	0.018594	0.008632	0.051123	0.018826	0.023501	0.011297	0.018378	0.008790
119	Insurance	0.004405	0.003874	0.004669	0.002789	0.003450	0.004250	0.005699	0.004427	0.002503	0.003574	0.003516
120	Ownership of dwellings											
121	Education and research											
122	Medical and health											
123	Business services	0.002273	0.002748	0.000017	0.000033	0.001754	0.008246	0.000003	0.001273	0.000020	0.000018	0.004982
124	Computer & related activities	0.003823	0.002974	0.000281	0.003955	0.002785	0.001000	0.000278	0.004082	0.000150	0.000144	0.003301
125	Legal services	0.000574	0.000015	0.000825	0.000120	0.000132	0.000058	0.000017	0.000102	0.000066	0.000050	0.000276
126	Real estate activities											
127	Renting of machinery & equipment	0.000033					0.000049					
128	O.com, social&personal services	0.000220	0.000074	0.000011	0.000052	0.024935	0.007378	0.000008	0.001583	0.013226	0.000019	0.000108
129	Other services	0.002299	0.000839	0.004492	0.001774	0.000274	0.002904	0.001296	0.001966	0.000480	0.000311	0.001146
130	Public administration											
	Total Input	0.770504	0.930770	0.730890	0.553343	0.723905	0.733397	0.725412	0.620562	0.534501	0.660383	0.699359
	NIT	0.051499	-0.063977	0.022558	0.039764	0.040793	0.056591	0.056357	0.023190	0.041384	0.037151	0.054432
	Total Input+NIT	0.822003	0.866793	0.753449	0.593107	0.764697	0.789987	0.781769	0.643752	0.575885	0.697534	0.753791
	GVA	0.177997	0.133207	0.246551	0.406893	0.235303	0.210013	0.218231	0.356248	0.424115	0.302466	0.246209
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	77	78	79	80	81	82	83	84	85	86	87
1	Paddy												
2	Wheat												
3	Jowar												
4	Bajra												
5	Maize												
6	Gram												
7	Pulses												
8	Sugarcane												
9	Groundnut												
10	Coconut			0.000022		0.000016							
11	Other oilseeds												
12	Jute												
13	Cotton												
14	Tea												
15	Coffee												
16	Rubber					0.000006		0.000103	0.000001	0.000049		0.000354	0.000026
17	Tobacco												
18	Fruits												
19	Vegetables												
20	Other crops					0.000004		0.000001					0.000001
21	Milk and milk products												
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.		0.000004	0.000001		0.000078		0.000025			0.000391	0.000026	0.001176
25	Forestry and logging			0.000014		0.000023	0.000365	0.000064		0.000181		0.000120	0.000088
26	Fishing												
27	Coal and lignite		0.094858	0.056022	0.000716	0.125306	0.003760	0.004045	0.001908	0.000296	0.000055	0.000051	0.000823
28	Natural gas		0.026965	0.001004	0.014209	0.003540		0.000776	0.000234	0.004603	0.006501		0.001927
29	Crude petroleum												
30	Iron ore		0.036304	0.000392	0.016454	0.000174		0.000005					
31	Manganese ore		0.005815	0.000309	0.002682	0.000414							
32	Bauxite		0.000001	0.000003		0.002387		0.000001					
33	Copper ore					0.059973							
34	Other metallic minerals		0.001203	0.000169	0.000036	0.015673	0.000004	0.000191	0.000002	0.000016	0.000006	0.000047	0.000002

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	77	78	79	80	81	82	83	84	85	86	87
35	Lime stone	0.000686	0.000024	0.000799	0.000002			0.000001				
36	Mica											
37	Other non metallic minerals	0.000176	0.000437	0.000106	0.002833	0.000138	0.002843	0.000006	0.000124	0.000071	0.000032	0.000013
38	Sugar	0.000429	0.000258		0.000296							0.000001
39	Khandsari, boora				0.000006							
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati				0.000003						0.000001	
42	Tea and coffee processing											
43	Miscellaneous food products	0.001333	0.001405	0.000003	0.000601	0.007366	0.001263		0.001531	0.000024		0.000008
44	Beverages	0.000054	0.000003	0.000006	0.000073	0.000035	0.000006		0.000027			
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)	0.000001			0.000001	0.000001	0.000001		0.000010			
47	Cotton textiles	0.000005			0.000009	0.000008	0.000012		0.000053			
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles				0.000015	0.000877	0.000165	0.000021	0.000820		0.000495	0.000153
51	Jute, hemp, mesta textiles	0.000029	0.000061	0.000016	0.000030	0.001146	0.000198	0.000033	0.000122	0.000030	0.000085	0.000096
52	Carpet weaving						0.000022					
53	Readymade garments						0.000289				0.000064	0.000319
54	Miscellaneous textile products	0.000047	0.000322	0.000299	0.000480	0.000571	0.001898	0.000178	0.002676	0.000195	0.000914	0.001415
55	Furniture and fixtures-wooden	0.000090		0.000058		0.000848	0.000726	0.001132	0.000128		0.000278	0.000097
56	Wood and wood products	0.000283	0.000204	0.000468	0.000153	0.001291	0.001144	0.000725	0.002281	0.002025	0.002107	0.001784
57	Paper, paper prods. & newsprint	0.000168	0.000433	0.000298	0.000516	0.002724	0.002009	0.000347	0.001431	0.000358	0.000719	0.001443
58	Printing and publishing				0.000068		0.000005				0.000009	0.000061
59	Leather footwear											
60	Leather and leather products					0.000053	0.000076	0.000518	0.000998	0.000004	0.001051	0.000085
61	Rubber products	0.000011	0.000379	0.000066	0.000125	0.000702	0.000716	0.010594	0.002355	0.002626	0.007273	0.001266
62	Plastic products	0.000287	0.000677	0.001914	0.001982	0.004694	0.016781	0.001450	0.002502	0.001579	0.012692	0.003324
63	Petroleum products	0.022753	0.040054	0.016802	0.016716	0.020304	0.003083	0.001352	0.004153	0.002514	0.002446	0.003810
64	Coal tar products	0.014265	0.000117	0.003542	0.008234	0.000251	0.000028		0.000176	0.000010	0.000011	0.000001
65	Inorganic heavy chemicals	0.002484	0.002295	0.007954	0.027061	0.001130	0.003218	0.000198	0.000790	0.000013	0.000744	0.001804
66	Organic heavy chemicals	0.000136	0.000007	0.000547	0.000618	0.000276	0.002101	0.000023	0.000802	0.000180	0.000561	0.001393
67	Fertilizers											
68	Pesticides	0.000119										

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	77	78	79	80	81	82	83	84	85	86	87
69	Paints, varnishes and lacquers	0.000517	0.000126	0.000689	0.002815	0.001517	0.001834	0.000095	0.001497	0.000179	0.000935	0.000806
70	Drugs and medicines	0.000061	0.000017			0.000031	0.000018	0.000023			0.000072	
71	Soaps, cosmetics & glycerin				0.000063		0.000002			0.000018	0.000005	0.000001
72	Synthetic fibers, resin		0.000294	0.000472	0.000549	0.000526	0.000680	0.000011	0.000099	0.000002	0.001893	0.001442
73	Other chemicals	0.000354	0.002963	0.001541	0.004650	0.006669	0.002421	0.000541	0.001918	0.000220	0.001744	0.000927
74	Structural clay products	0.000039	0.000010	0.000084		0.000013	0.000008	0.000002	0.000001		0.000004	0.000025
75	Cement										0.000014	
76	Other non-metallic mineral prods.	0.001132	0.000222	0.001960	0.000418	0.000885	0.000573	0.000023	0.001004	0.003960	0.000327	0.000788
77	Iron, steel and ferro alloys	0.056494	0.203265	0.153205	0.019484	0.128723	0.212430	0.063307	0.146138	0.147147	0.102431	0.137023
78	Iron and steel casting & forging	0.063289	0.124156	0.059873	0.008797	0.032191	0.015670	0.021574	0.036296	0.012122	0.023253	0.020855
79	Iron and steel foundries	0.025769	0.026599	0.020440	0.032300	0.020977	0.023138	0.012491	0.013792	0.012919	0.012629	0.012192
80	Non-ferrous basic metals	0.100497	0.078480	0.314432	0.209526	0.102211	0.111179	0.032872	0.054762	0.039036	0.046647	0.062327
81	Hand tools, hardware	0.000551	0.000345	0.001711	0.000826	0.049777	0.008714	0.001885	0.017676	0.034377	0.007399	0.011131
82	Miscellaneous metal products	0.013270	0.012910	0.023459	0.028418	0.055460	0.046853	0.042542	0.031656	0.023400	0.036374	0.042545
83	Tractors and agri. implements		0.000007	0.000183		0.000159	0.000071	0.057701	0.000187	0.000316	0.003434	0.003581
84	Industrial machinery(F & T)		0.000683			0.000013	0.000677	0.012888	0.094099	0.021080	0.003498	0.016983
85	Industrial machinery(others)	0.000049	0.002804	0.005438	0.001895	0.000848	0.000294	0.016560	0.004474	0.023407	0.020363	0.000040
86	Machine tools	0.000088	0.002409	0.005051	0.000139	0.017186	0.008748	0.054352	0.053972	0.073356	0.041649	0.048669
87	Other non-electrical machinery	0.000096	0.000466	0.000459	0.000218	0.004302	0.049376	0.130301	0.088989	0.149474	0.067062	0.183373
88	Electrical industrial Machinery	0.000039	0.000045	0.002549	0.000006	0.000369	0.004320	0.000308	0.017174	0.002190	0.004316	0.008731
89	Electrical wires & cables		0.000003		0.000265	0.000363	0.000060	0.000056	0.000218	0.000016	0.000101	0.000164
90	Batteries				0.000416	0.000839	0.000589	0.001122	0.000002	0.000003		0.000304
91	Electrical appliances	0.000001		0.000064	0.000002	0.000067	0.000507	0.000004	0.000693	0.000069	0.000652	0.004378
92	Communication equipments		0.000021	0.000033	0.000352		0.001444	0.003806	0.001214	0.000738	0.001353	0.001636
93	Other electrical Machinery	0.000040	0.000304	0.002213	0.001855	0.011504	0.021875	0.000928	0.056452	0.006179	0.028303	0.016914
94	Electronic equipments(incl.TV)			0.000007	0.000051	0.001603	0.004890		0.006498	0.002681	0.005915	0.002684
95	Ships and boats		0.000055									
96	Rail equipments											
97	Motor vehicles						0.000016	0.004994		0.000018	0.000062	0.000503
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw							0.000355				
100	Other transport equipments											
101	Watches and clocks						0.000393		0.000001			0.000988
102	Medical, precision&optical instru.s			0.005823			0.000052			0.000007	0.000600	0.000333

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	77	78	79	80	81	82	83	84	85	86	87
103	Jems & jewelry						0.000037			0.001507	0.000473	0.000002
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.000010	0.000011	0.000027	0.000536	0.004115	0.001514	0.000960	0.002940	0.003061	0.005812	0.000785
106	Construction	0.000388	0.001099	0.003579	0.001868	0.019857	0.004306	0.034732	0.004848	0.026298	0.048195	0.005400
107	Electricity	0.028178	0.029873	0.005337	0.023181	0.013298	0.006263	0.012430	0.008506	0.004730	0.006014	0.010956
108	Water supply						0.000001					
109	Railway transport services	0.019729	0.012032	0.007380	0.021316	0.004474	0.004125	0.001788	0.003735	0.008955	0.002846	0.003559
110	Land tpt including via pipeline	0.026642	0.032179	0.021146	0.037720	0.038983	0.017202	0.017039	0.026451	0.042961	0.022354	0.025312
111	Water transport	0.001455	0.001078	0.000388	0.001708	0.000426	0.000130	0.000071	0.000104	0.000054	0.000071	0.000078
112	Air transport	0.005269	0.002606	0.001242	0.004939	0.006242	0.004134	0.002646	0.004098	0.002084	0.003810	0.003641
113	Supporting and aux. tpt activities	0.002537	0.002197	0.002479	0.003219	0.002332	0.001977	0.001887	0.002221	0.002135	0.001575	0.002085
114	Storage and warehousing											
115	Communication	0.002133	0.002097	0.003291	0.006620	0.003929		0.002880	0.004680	0.001394	0.003158	0.003323
116	Trade	0.129288	0.107956	0.070489	0.086972	0.052956	0.034789	0.040058	0.057666	0.039389	0.035512	0.037966
117	Hotels and restaurants											
118	Banking	0.019726	0.005310	0.008496	0.017705	0.025823	0.020692	0.009182	0.016324	0.007853	0.020286	0.025798
119	Insurance	0.001079	0.000907	0.001529	0.001884	0.004489	0.008083	0.006586	0.002076	0.005042	0.006073	0.012662
120	Ownership of dwellings											
121	Education and research											
122	Medical and health											
123	Business services	0.000539	0.000130	0.001417	0.009899	0.000315	0.008940	0.056897	0.000167	0.000354	0.040879	0.014053
124	Computer & related activities	0.000172	0.000081	0.003731	0.000085	0.030272	0.004902	0.003835	0.008344	0.010807	0.023098	0.002795
125	Legal services	0.000372	0.000410	0.000229	0.000104	0.000991	0.000410	0.000320	0.000522	0.001071	0.004648	0.003404
126	Real estate activities											
127	Renting of machinery & equipment	0.000010		0.000157	0.000031	0.000001	0.000021				0.000010	0.000012
128	O.com, social&personal services	0.002715	0.000155	0.004146	0.006515	0.000384	0.024940	0.018383	0.000202	0.000596	0.003941	0.001986
129	Other services	0.000070	0.000538	0.000527	0.000702	0.001630	0.000587	0.002308	0.000434	0.001930	0.000879	0.000517
130	Public administration											
	Total Input	0.711104	0.759453	0.802251	0.805465	0.693291	0.701680	0.689467	0.798254	0.729714	0.670750	0.754792
	NIT	0.055543	0.078758	0.073624	0.048320	0.050562	0.044301	0.054272	0.069195	0.052735	0.048950	0.059628
	Total Input+NIT	0.766647	0.838211	0.875875	0.853785	0.743853	0.745981	0.743739	0.867449	0.782449	0.719700	0.814420
	GVA	0.233353	0.161789	0.124125	0.146215	0.256147	0.254019	0.256261	0.132551	0.217551	0.280300	0.185580
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	88	89	90	91	92	93	94	95	96	97	98
1	Paddy												
2	Wheat				0.000002								
3	Jowar												
4	Bajra												
5	Maize												
6	Gram												
7	Pulses												
8	Sugarcane												
9	Groundnut												
10	Coconut												
11	Other oilseeds												
12	Jute												
13	Cotton		0.000223										
14	Tea												
15	Coffee												
16	Rubber			0.000400	0.000020			0.000252			0.000484	0.000150	0.000038
17	Tobacco												
18	Fruits												
19	Vegetables												
20	Other crops		0.000009		0.000031		0.000085					0.000001	
21	Milk and milk products												
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.		0.000001	0.000424	0.000005	0.001648				0.000008		0.000015	
25	Forestry and logging		0.000020	0.000020					0.000377	0.000067		0.000178	
26	Fishing								0.000009	0.000004			
27	Coal and lignite		0.000789	0.000005	0.000025	0.000015	0.000001	0.000020			0.002181	0.000488	0.000006
28	Natural gas				0.000171								
29	Crude petroleum												
30	Iron ore						0.000007						
31	Manganese ore				0.001163			0.000201					
32	Bauxite		0.000002										
33	Copper ore												
34	Other metallic minerals		0.000025	0.000008	0.001728	0.000019	0.000002	0.000020	0.001615				

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	88	89	90	91	92	93	94	95	96	97	98
35	Lime stone				0.000001			0.000013					
36	Mica								0.000234				
37	Other non metallic minerals		0.000014	0.000714	0.000863	0.000709	0.000005	0.004924	0.001642	0.000006	0.000322	0.000263	0.000103
38	Sugar												
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)												
41	Edible oils other than vanaspati												
42	Tea and coffee processing												
43	Miscellaneous food products		0.000017		0.000243	0.000018	0.000115		0.000171			0.000006	
44	Beverages							0.000176					
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)		0.000001	0.000012				0.000001				0.000024	
47	Cotton textiles		0.000003	0.000059				0.000004				0.000143	
48	Woolen textiles		0.000130										
49	Silk textiles								0.000011				
50	Art silk, synthetic fiber textiles		0.000486	0.010574	0.000525	0.001088	0.000003	0.000726	0.000130	0.000047	0.000386	0.000690	0.000100
51	Jute, hemp, mesta textiles		0.000159	0.000550	0.000278	0.000669	0.000220	0.000856			0.000526	0.000087	0.000247
52	Carpet weaving											0.000008	
53	Readymade garments		0.000023	0.001778	0.000159			0.000208	0.000511	0.000001		0.000030	0.000015
54	Miscellaneous textile products		0.000539	0.005838	0.001439	0.001575	0.001939	0.001878	0.000002	0.000001	0.000140	0.000166	0.000239
55	Furniture and fixtures-wooden		0.000201			0.000196	0.003830		0.000002	0.000136	0.000097	0.000282	0.000112
56	Wood and wood products		0.000963	0.002039	0.001573	0.003638	0.001287	0.003758	0.000082	0.000107	0.004319	0.000506	0.000328
57	Paper, paper prods. & newsprint		0.003449	0.004749	0.006417	0.007169	0.002715	0.008813	0.000390	0.000002	0.001022	0.000481	0.000558
58	Printing and publishing		0.000003				0.000348						
59	Leather footwear								0.000001				
60	Leather and leather products		0.001141	0.000740	0.000267	0.000542	0.000125	0.007822	0.000018		0.000270	0.005663	0.000417
61	Rubber products		0.002220	0.008412	0.003414	0.000608	0.000204	0.001664	0.000639	0.000042	0.002456	0.017197	0.006502
62	Plastic products		0.009067	0.029477	0.015162	0.022171	0.009284	0.004236	0.003863	0.000109	0.002709	0.005523	0.003156
63	Petroleum products		0.008630	0.005533	0.006111	0.020426	0.003773	0.012924	0.001904	0.000950	0.003361	0.003074	0.002693
64	Coal tar products		0.000022		0.001193	0.000003		0.000867			0.000013	0.000002	
65	Inorganic heavy chemicals		0.001087	0.008644	0.037693	0.014344	0.001712	0.004769	0.002462	0.000015		0.000852	0.000279
66	Organic heavy chemicals		0.000486	0.008560	0.009800	0.000900	0.002521	0.001194	0.000193	0.000008		0.001105	0.000255
67	Fertilizers		0.001296	0.000169						0.000102			
68	Pesticides		0.000073		0.003057								

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	88	89	90	91	92	93	94	95	96	97	98
69	Paints, varnishes and lacquers	0.003290	0.000633	0.003445	0.002283	0.000353	0.005610	0.000436	0.000346	0.010890	0.002665	0.001257
70	Drugs and medicines	0.000093	0.000001			0.000018		0.000012			0.000005	
71	Soaps, cosmetics & glycerin		0.000002	0.000007	0.001001						0.000001	
72	Synthetic fibers, resin	0.001826	0.070951	0.025037	0.002145	0.006576	0.005819	0.000205	0.000047	0.005134	0.002189	0.021148
73	Other chemicals	0.004831	0.011586	0.000928	0.002485	0.002292	0.004156	0.000792	0.000077	0.001213	0.001862	0.002335
74	Structural clay products	0.000473										
75	Cement				0.000111				0.000004			
76	Other non-metallic mineral prods.	0.002309	0.002113	0.004465	0.027058	0.013877		0.000149	0.000025	0.001541	0.000911	0.000195
77	Iron, steel and ferro alloys	0.111891	0.028901	0.006762	0.032410	0.046780	0.077998	0.002975	0.022207	0.128549	0.101128	0.016160
78	Iron and steel casting & forging	0.013972	0.002559	0.000958	0.020989	0.000009	0.000656	0.001131	0.000519	0.005710	0.012320	0.018398
79	Iron and steel foundries	0.021623	0.021535	0.005050	0.012343	0.002227	0.035718	0.006740	0.002249	0.010544	0.021381	0.007641
80	Non-ferrous basic metals	0.049945	0.300551	0.142963	0.035612	0.002503	0.063776	0.002300	0.000101	0.007231	0.008162	0.011861
81	Hand tools, hardware	0.003272	0.000320	0.000072	0.002079	0.000260	0.007951	0.000686	0.000373	0.001615	0.055039	0.038414
82	Miscellaneous metal products	0.038272	0.059915	0.039614	0.046994	0.007429	0.053226	0.025520	0.000773	0.019383	0.021396	0.016529
83	Tractors and agri. implements	0.003692			0.004744	0.000089	0.000507	0.000048	0.000103	0.003997	0.000067	0.001436
84	Industrial machinery(F & T)	0.002870			0.000076		0.000372	0.001146		0.000043	0.001301	0.000091
85	Industrial machinery(others)	0.000041		0.001399			0.004424				0.000151	
86	Machine tools	0.016598	0.011066	0.006645	0.002772	0.002435	0.029461	0.001342	0.002168	0.024977	0.031528	0.018223
87	Other non-electrical machinery	0.020932	0.001179		0.015251	0.017491	0.010536	0.011776	0.008654	0.023199	0.121298	0.052782
88	Electrical industrial Machinery	0.107331	0.007689	0.024026	0.020345	0.016084	0.009154	0.006816	0.001451	0.001735	0.007308	0.001429
89	Electrical wires & cables	0.026358	0.015034	0.012043	0.002759	0.007825	0.021894	0.008195	0.000002	0.001172	0.001635	0.000062
90	Batteries	0.003186	0.000003	0.087140	0.000075	0.001761	0.015870	0.004368		0.000063	0.000678	0.000847
91	Electrical appliances	0.000476	0.000904	0.000200	0.034975	0.007308	0.002303	0.002518	0.000006	0.000137	0.008816	0.002302
92	Communication equipments	0.006530	0.002668	0.009658	0.015663	0.226259	0.024667	0.067776	0.006249	0.010916	0.000791	0.000352
93	Other electrical Machinery	0.103971	0.011677	0.034971	0.025077	0.047389	0.032375	0.252597	0.004026	0.041483	0.045767	0.014045
94	Electronic equipments(incl.TV)	0.011975	0.000569	0.004179	0.005688	0.026332	0.035439	0.191565	0.008893	0.018570	0.003054	0.000159
95	Ships and boats			0.000021					0.785128		0.000254	
96	Rail equipments									0.250837		0.000135
97	Motor vehicles	0.000184				0.000040					0.121777	0.036314
98	Motor cycles and scooters		0.000003								0.009074	0.286710
99	Bicycles, cycle-rickshaw										0.000260	0.002171
100	Other transport equipments										0.001433	
101	Watches and clocks											
102	Medical, precision&optical instru.s	0.000329			0.000110	0.000090	0.000903	0.000363	0.000018	0.000004	0.000002	0.000771

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	88	89	90	91	92	93	94	95	96	97	98
103	Jems & jewelry	0.000550	0.000024	0.000384		0.000003	0.003723					
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing	0.005135	0.006451	0.000913	0.015736	0.001459	0.002420	0.001366	0.002305	0.001110	0.000692	0.008775
106	Construction	0.029284	0.001241	0.002515	0.002403	0.020973	0.007091	0.000809	0.000275	0.005610	0.005790	0.001650
107	Electricity	0.020888	0.016078	0.044242	0.022690	0.024591	0.029021	0.018481	0.001826	0.011322	0.018459	0.027019
108	Water supply										0.000904	
109	Railway transport services	0.002902	0.002423	0.000642	0.001964	0.001329	0.002921	0.001231	0.001095	0.002886	0.003172	0.002399
110	Land tpt including via pipeline	0.022529	0.034717	0.018865	0.029652	0.013348	0.081311	0.023173	0.004161	0.012723	0.030975	0.023746
111	Water transport	0.000135	0.000086	0.000114	0.000257	0.000051	0.000203	0.000053	0.000016	0.000074	0.000058	0.000075
112	Air transport	0.003902	0.004114	0.003179	0.004020	0.003193	0.003285	0.003138	0.000626	0.003367	0.003299	0.002379
113	Supporting and aux. tpt activities	0.001782	0.002405	0.001663	0.001919	0.000938	0.002305	0.001087	0.000168	0.001063	0.002347	0.001836
114	Storage and warehousing											
115	Communication	0.028644	0.004813	0.044895	0.002935	0.185353	0.003739	0.017075	0.000684	0.001760	0.003640	0.011473
116	Trade	0.042383	0.036234	0.039444	0.042824	0.023698	0.040427	0.037046	0.003626	0.038512	0.056260	0.083041
117	Hotels and restaurants											
118	Banking	0.025968	0.022316	0.023825	0.094063	0.002296	0.005913	0.018147	0.004488	0.020608	0.047663	0.033098
119	Insurance	0.016922	0.002542	0.003459	0.007301	0.023305	0.002564	0.005506	0.006900	0.008232	0.011543	0.013492
120	Ownership of dwellings											
121	Education and research											
122	Medical and health											
123	Business services	0.012911	0.000222	0.005276	0.022816	0.018236	0.002599	0.012277	0.000257	0.000093	0.007806	0.000583
124	Computer & related activities	0.006240	0.013202	0.001830	0.001169	0.001273	0.002542	0.002447	0.003598	0.004842	0.001900	0.000772
125	Legal services	0.001425	0.000342	0.002151	0.004514	0.001931	0.004232	0.000251	0.000398	0.000256	0.001499	0.003475
126	Real estate activities											
127	Renting of machinery & equipment	0.000028		0.000355	0.000031	0.000073	0.000028	0.000294			0.000313	0.000074
128	O.com, social&personal services	0.011327	0.000136	0.016016	0.102257	0.020440	0.000267	0.000056	0.000051	0.000112	0.000993	0.000057
129	Other services	0.001142	0.000445	0.023077	0.001946	0.000455	0.000559	0.000354	0.001051	0.000350	0.000476	0.000275
130	Public administration											
	Total Input	0.821444	0.786355	0.733770	0.747276	0.806547	0.693290	0.746505	0.876547	0.700151	0.816978	0.781036
	NIT	0.051737	0.055634	0.070243	0.048437	0.060473	0.045327	0.066202	-0.064628	0.040243	0.054311	0.054820
	Total Input+NIT	0.873181	0.841990	0.804013	0.795712	0.867021	0.738617	0.812707	0.811919	0.740393	0.871289	0.835856
	GVA	0.126819	0.158010	0.195987	0.204288	0.132979	0.261383	0.187293	0.188081	0.259607	0.128711	0.164144
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	99	100	101	102	103	104	105	106	107	108	109	
1	Paddy													
2	Wheat													
3	Jowar													
4	Bajra													
5	Maize													
6	Gram													
7	Pulses													
8	Sugarcane										0.000035			
9	Groundnut													
10	Coconut													
11	Other oilseeds													
12	Jute													
13	Cotton					0.000125								
14	Tea													
15	Coffee													
16	Rubber			0.000086		0.000081				0.000983				
17	Tobacco													
18	Fruits					0.000157								
19	Vegetables													
20	Other crops									0.000736	0.002379		0.000070	
21	Milk and milk products													
22	Animal services(agricultural)													
23	Poultry & Eggs													
24	Other liv.st. produ.					0.000002				0.002127	0.000311		0.000002	
25	Forestry and logging					0.000005				0.000344	0.022724	0.000014		0.000003
26	Fishing													
27	Coal and lignite		0.000036	0.000074	0.000006	0.000076				0.000060		0.084855	0.000021	0.000982
28	Natural gas											0.022183	0.000235	
29	Crude petroleum													
30	Iron ore													
31	Manganese ore													
32	Bauxite													
33	Copper ore													
34	Other metallic minerals					0.000005	0.000076			0.000006				

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	99	100	101	102	103	104	105	106	107	108	109
35	Lime stone												
36	Mica												
37	Other non metallic minerals		0.000007	0.000566	0.000059	0.000061	0.069086		0.000290	0.013801	0.000029		
38	Sugar												
39	Khandsari, boora								0.000034				
40	Hydrogenated oil(vanaspati)												
41	Edible oils other than vanaspati								0.000483				
42	Tea and coffee processing					0.000001							
43	Miscellaneous food products					0.000031			0.000083		0.000162		
44	Beverages								0.000183			0.000076	
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)					0.000067			0.000268				
47	Cotton textiles		0.000001			0.000369			0.001659				0.000060
48	Woolen textiles							0.000137	0.000172				
49	Silk textiles					0.000310							
50	Art silk, synthetic fiber textiles			0.000210	0.000017	0.004357	0.000011		0.005799				
51	Jute, hemp, mesta textiles		0.000625	0.000253	0.000135	0.000359	0.000004	0.000009	0.001100	0.002382	0.000001	0.000006	0.000003
52	Carpet weaving			0.000836									
53	Readymade garments					0.003052		0.000208	0.000134	0.000509	0.001861	0.000874	0.000006
54	Miscellaneous textile products		0.000418	0.001148	0.000289	0.001673	0.000009	0.000004	0.003591	0.000142		0.000030	0.000011
55	Furniture and fixtures-wooden		0.001773			0.000545		0.000072	0.001559	0.000306	0.001925	0.001493	0.000018
56	Wood and wood products		0.001090	0.000718	0.001128	0.002426	0.000590	0.000015	0.008236	0.011464	0.000033	0.000021	0.000004
57	Paper, paper prods. & newsprint		0.002768	0.006156	0.001596	0.004028	0.000177	0.000026	0.011525	0.001301	0.001142	0.001712	0.000312
58	Printing and publishing				0.000015	0.000022			0.000049	0.000573	0.001276	0.001194	0.000576
59	Leather footwear								0.000060				
60	Leather and leather products		0.004508		0.019477	0.002864		0.000087	0.004621		0.000016		
61	Rubber products		0.012176	0.031675	0.000239	0.005214	0.000003	0.000426	0.004158	0.000077	0.000173	0.000169	0.000005
62	Plastic products		0.003429	0.006599	0.003751	0.010848	0.000530	0.000040	0.047410	0.000182	0.000001	0.000149	0.000004
63	Petroleum products		0.006116	0.007097	0.001242	0.004472	0.000846	0.004251	0.006770	0.010331	0.075202	0.002385	0.016170
64	Coal tar products								0.000035	0.013461	0.002592		0.000012
65	Inorganic heavy chemicals		0.000287	0.002274	0.000095	0.003762	0.000203	0.000001	0.001512		0.000055	0.002083	
66	Organic heavy chemicals		0.000232	0.003276		0.002039			0.002351		0.000002	0.001358	
67	Fertilizers								0.000155	0.000366		0.011786	
68	Pesticides								0.000024	0.000083	0.000108		

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	99	100	101	102	103	104	105	106	107	108	109
69	Paints, varnishes and lacquers	0.001619	0.000270	0.000157	0.000228	0.000003	0.000071	0.004490	0.009026	0.000001		
70	Drugs and medicines				0.000543			0.000001		0.000002		0.000001
71	Soaps, cosmetics & glycerin			0.000020	0.000069			0.001842			0.000082	
72	Synthetic fibers, resin	0.000018	0.000561	0.000032	0.000817			0.055015				
73	Other chemicals	0.005228	0.003429	0.000117	0.005433	0.000340		0.001613		0.004671	0.001717	0.000021
74	Structural clay products	0.000002						0.000001	0.027193			
75	Cement								0.044892			
76	Other non-metallic mineral prods.	0.000093	0.000218	0.001223	0.003839	0.000024	0.000206	0.001011	0.026522	0.000002	0.000014	0.000053
77	Iron, steel and ferro alloys	0.096292	0.040834	0.000382	0.001959	0.000033	0.000388	0.006441	0.066271	0.000003	0.001012	0.000020
78	Iron and steel casting & forging	0.001333	0.003046		0.000557		0.000257	0.010076				
79	Iron and steel foundries	0.048776	0.018909	0.000176	0.001782		0.000244	0.005869	0.032120	0.000003	0.000625	0.000018
80	Non-ferrous basic metals	0.004717	0.034410	0.005813	0.001872	0.008537	0.000132	0.001291		0.000009		
81	Hand tools, hardware	0.054815	0.019288	0.012049	0.000128	0.000003	0.000004	0.000822		0.000020	0.000061	0.000028
82	Miscellaneous metal products	0.010623	0.007201	0.000042	0.008744	0.000284	0.002565	0.028152	0.027744	0.000261	0.001034	0.000043
83	Tractors and agri. implements				0.000158			0.001897				
84	Industrial machinery(F & T)	0.000047			0.000027			0.000656				
85	Industrial machinery(others)		0.000010		0.000218			0.000068	0.000708			
86	Machine tools	0.011449	0.026396	0.000394	0.003413		0.001410	0.005214		0.000010		0.000232
87	Other non-electrical machinery	0.010749	0.016296	0.000591	0.000803		0.001060	0.034866	0.001387	0.011505	0.005148	0.000711
88	Electrical industrial Machinery	0.000182	0.000870	0.000121	0.009891		0.000975	0.013882		0.025418	0.000255	0.000815
89	Electrical wires & cables				0.004884			0.000674	0.008024	0.000018		0.000020
90	Batteries			0.002583	0.000014		0.000009	0.000131	0.000016	0.000062	0.000037	0.000003
91	Electrical appliances		0.002621	0.001165	0.001794		0.000006	0.000268	0.000040	0.000102	0.000065	0.000341
92	Communication equipments			0.005751	0.021816		0.000926	0.021894			0.000665	0.001351
93	Other electrical Machinery	0.010752	0.116336	0.009218	0.005442	0.005272	0.000155	0.023468		0.013366	0.000326	0.000532
94	Electronic equipments(incl.TV)	0.003454		0.002560	0.023796	0.000001	0.000459	0.026967	0.000112	0.000655	0.001128	0.000050
95	Ships and boats				0.000998				0.000007	0.000297	0.000180	0.000010
96	Rail equipments	0.000195	0.002149		0.000014			0.000758				0.156844
97	Motor vehicles	0.000052	0.008201			0.000035		0.000996	0.000614	0.004576	0.000718	
98	Motor cycles and scooters	0.003548	0.005139						0.000001	0.000125	0.000009	
99	Bicycles, cycle-rickshaw	0.253474			0.000123				0.000026	0.000029	0.000083	0.000001
100	Other transport equipments		0.015938		0.000012			0.001319				
101	Watches and clocks			0.174517	0.015140	0.000002		0.031054				0.000618
102	Medical, precision&optical instru.s				0.139652		0.000002	0.033771				

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	99	100	101	102	103	104	105	106	107	108	109
103	Jems & jewelry			0.000056		0.330958		0.022556		0.000001		
104	Aircraft & spacecraft						0.764281					
105	Miscellaneous manufacturing	0.004362	0.000220	0.006719	0.011638	0.081142	0.005009	0.001956	0.004608	0.005996	0.001348	0.017418
106	Construction	0.007498	0.001427	0.023451	0.002102	0.008117	0.007920	0.007313	0.117623	0.016583	0.077313	0.050234
107	Electricity	0.010490	0.007597	0.010555	0.042093	0.001921	0.005811	0.019955	0.009224	0.160556	0.019631	0.078845
108	Water supply								0.001687	0.000932	0.084790	0.000032
109	Railway transport services	0.002307	0.001970	0.000601	0.045328	0.046847	0.000074	0.012171	0.003890	0.012094	0.001672	0.001062
110	Land tpt including via pipeline	0.054352	0.024037	0.065551	0.102886	0.088223	0.019782	0.079715	0.037400	0.016684	0.128561	0.008273
111	Water transport	0.000095	0.000091	0.000026	0.003954	0.002240	0.000052	0.001028	0.000984	0.001750	0.000051	0.000204
112	Air transport	0.003055	0.004048	0.000191	0.004780	0.004883	0.000017	0.001279	0.000318	0.000387	0.000210	0.000084
113	Supporting and aux. tpt activities	0.005428	0.001434	0.006369	0.020010	0.001994	0.000075	0.007315	0.003763	0.001644	0.000280	0.000159
114	Storage and warehousing											
115	Communication	0.002107	0.032643			0.010568		0.000092	0.000854	0.007245	0.003321	0.001094
116	Trade	0.130682	0.038243	0.039795	0.019087	0.025641	0.001869	0.043326	0.074364	0.053517	0.002368	0.012281
117	Hotels and restaurants								0.000358	0.005518	0.010934	0.001400
118	Banking	0.011482	0.021439	0.013530	0.067456	0.025567	0.001971	0.080904	0.018392	0.042531	0.022119	0.014798
119	Insurance	0.000939	0.001841	0.008738	0.021648	0.000639	0.005284	0.015879	0.004856	0.004926	0.000495	0.000065
120	Ownership of dwellings											
121	Education and research											0.001239
122	Medical and health											0.013302
123	Business services	0.005080	0.025609	0.016392	0.004349	0.020680	0.000772	0.005165	0.011635	0.000235	0.029460	0.000340
124	Computer & related activities	0.013992	0.001328	0.009692	0.004499	0.003422	0.010332	0.002839	0.000075	0.000137	0.000142	0.000942
125	Legal services	0.006731	0.005414	0.000072	0.000141	0.003871	0.004604	0.000132	0.000278	0.000052	0.000604	0.000137
126	Real estate activities								0.001273			
127	Renting of machinery & equipment	0.001543	0.007157	0.000245	0.000198	0.000245	0.000055	0.000206	0.000095		0.000179	0.009384
128	O.com, social&personal services	0.000057	0.000121	0.000071	0.003909	0.012677	0.009733	0.006322	0.000049	0.002288	0.000588	0.000008
129	Other services	0.003125	0.028652	0.001827	0.031285	0.000592	0.008592	0.000241	0.000354	0.000119	0.000561	0.000151
130	Public administration											
	Total Input	0.814208	0.586361	0.448843	0.686477	0.756296	0.860376	0.729422	0.617177	0.585995	0.421449	0.391332
	NIT	0.031864	0.050705	0.020077	0.048626	0.016716	0.010563	0.045128	0.034971	0.015110	0.002876	0.008147
	Total Input+NIT	0.846072	0.637066	0.468920	0.735103	0.773012	0.870939	0.774550	0.652148	0.601106	0.424326	0.399479
	GVA	0.153928	0.362934	0.531080	0.264897	0.226988	0.129061	0.225450	0.347852	0.398894	0.575674	0.600521
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	110	111	112	113	114	115	116	117	118	119
1	Paddy			0.000011						0.020262		
2	Wheat		0.000006	0.000018		0.000001				0.012936		
3	Jowar											
4	Bajra		0.000003							0.000016		
5	Maize											
6	Gram		0.000281							0.000139		
7	Pulses		0.000108							0.029592		
8	Sugarcane									0.005119		
9	Groundnut											
10	Coconut									0.000011		
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco				0.000003							
18	Fruits									0.004621		
19	Vegetables									0.028506		
20	Other crops		0.019342	0.001685	0.000001					0.024909		
21	Milk and milk products									0.075088		
22	Animal services(agricultural)											
23	Poultry & Eggs									0.022854		
24	Other liv.st. produ.									0.025277		
25	Forestry and logging											
26	Fishing									0.002837		
27	Coal and lignite			0.000004						0.000211		
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											
34	Other metallic minerals											

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	110	111	112	113	114	115	116	117	118	119
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar									0.009508		
39	Khandsari, boora									0.008356		
40	Hydrogenated oil(vanaspati)			0.000019						0.014375		
41	Edible oils other than vanaspati	0.000092		0.000250						0.014932		
42	Tea and coffee processing			0.000007						0.008548		
43	Miscellaneous food products	0.000047		0.000395			0.000471			0.081160		0.001153
44	Beverages			0.000083						0.014410		0.000767
45	Tobacco products									0.000004		
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles	0.000059							0.000017			
48	Woolen textiles	0.000387										
49	Silk textiles											
50	Art silk, synthetic fiber textiles											0.000553
51	Jute, hemp, mesta textiles				0.000181	0.010401			0.000657			
52	Carpet weaving									0.000032		
53	Readymade garments	0.000187	0.004782	0.006216	0.000032	0.003412	0.000700	0.000046	0.010485	0.000606	0.001255	
54	Miscellaneous textile products	0.014878	0.000718			0.016793			0.000001			
55	Furniture and fixtures-wooden	0.000072	0.006841	0.008468	0.000055	0.000648	0.001569	0.000079	0.006536	0.001259	0.003553	
56	Wood and wood products	0.000010			0.000141	0.009410		0.000705		0.000016		
57	Paper, paper prods. & newsprint	0.003628	0.001323	0.001622	0.017770	0.014623	0.003999	0.002911	0.005201	0.002679	0.008488	
58	Printing and publishing	0.002586	0.001117	0.000873	0.021583	0.000685	0.002733	0.006280	0.000861	0.002972	0.011603	
59	Leather footwear	0.000123										
60	Leather and leather products	0.000002										
61	Rubber products	0.025237	0.002578	0.003084	0.001594	0.000061	0.000542	0.000059	0.000007	0.000268	0.000930	
62	Plastic products	0.005520	0.004252	0.057705	0.008346	0.006328	0.001067	0.000450				
63	Petroleum products	0.211394	0.021515	0.078504	0.013155	0.008519	0.011940	0.011489	0.006468	0.002984	0.008739	
64	Coal tar products											
65	Inorganic heavy chemicals	0.000013					0.003273		0.000015			
66	Organic heavy chemicals			0.000001								
67	Fertilizers											
68	Pesticides	0.000013					0.013127		0.000001	0.000007		

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity / Industry	110	111	112	113	114	115	116	117	118	119
69	Paints, varnishes and lacquers	0.001393	0.054705	0.026314	0.003048	0.000020					
70	Drugs and medicines	0.000007	0.000005								
71	Soaps, cosmetics & glycerin		0.000047	0.004546					0.001071		
72	Synthetic fibers, resin	0.000019									
73	Other chemicals	0.000012	0.000003	0.007086		0.000429					
74	Structural clay products					0.000237					
75	Cement					0.000220					
76	Other non-metallic mineral prods.	0.000763							0.000382		
77	Iron, steel and ferro alloys	0.000006			0.000011	0.000642		0.000060			
78	Iron and steel casting & forging										
79	Iron and steel foundries	0.000005			0.000007	0.000556		0.000037			
80	Non-ferrous basic metals	0.000003									
81	Hand tools, hardware	0.004886	0.002191	0.000010				0.008302			
82	Miscellaneous metal products	0.000215	0.000073	0.000059	0.000006	0.001252	0.000558	0.000009	0.000015	0.000693	0.003664
83	Tractors and agri. implements										
84	Industrial machinery(F & T)										
85	Industrial machinery(others)										
86	Machine tools							0.000410			
87	Other non-electrical machinery	0.014476	0.003348		0.000025	0.024729	0.002087	0.000056	0.006160	0.000660	0.001182
88	Electrical industrial Machinery									0.000052	
89	Electrical wires & cables	0.001813	0.004169	0.000980			0.001130				
90	Batteries	0.004717	0.000237	0.000151	0.000354	0.000014	0.000088	0.000013	0.000009	0.000069	0.000200
91	Electrical appliances	0.000003	0.000155	0.002589	0.000002	0.000031	0.000155	0.000003	0.000610	0.000080	0.000364
92	Communication equipments	0.000019	0.002087				0.127103		0.000846	0.000001	
93	Other electrical Machinery	0.000001	0.000115				0.003855		0.000982		
94	Electronic equipments(incl.TV)	0.000021	0.002299	0.002819	0.008091	0.000302	0.000623	0.000025	0.002845	0.005341	0.004130
95	Ships and boats		0.126404		0.000009	0.008479	0.000070		0.000006	0.000093	0.002702
96	Rail equipments										
97	Motor vehicles	0.019094	0.001184	0.001355	0.007211	0.000394	0.002180	0.000135	0.000118	0.000568	0.008451
98	Motor cycles and scooters		0.000001			0.000004	0.000013		0.000001	0.001612	0.002616
99	Bicycles, cycle-rickshaw	0.000004	0.000007		0.000003	0.000036	0.000040	0.000004		0.000072	0.000111
100	Other transport equipments	0.000023		0.000163							
101	Watches and clocks										
102	Medical, precision&optical instru.s										0.000889

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	110	111	112	113	114	115	116	117	118	119
103	Jems & jewelry										
104	Aircraft & spacecraft			0.017375							
105	Miscellaneous manufacturing	0.003538	0.001203	0.055876		0.004896	0.001639	0.002755	0.002228	0.001038	0.000511
106	Construction	0.006590	0.008699	0.028919	0.016035	0.032813	0.009220	0.004292	0.019047	0.012356	0.001885
107	Electricity	0.004394	0.006348	0.010192	0.023521	0.134837	0.016550	0.006177	0.010593	0.010812	0.015201
108	Water supply	0.000168	0.007041	0.000934	0.000001	0.000458	0.000077	0.000001	0.000499	0.000361	0.000140
109	Railway transport services	0.001487	0.000472	0.001155	0.004911	0.004148	0.001485	0.000217	0.001016	0.003671	0.007128
110	Land tpt including via pipeline	0.021033	0.041039	0.070725	0.109905	0.024174	0.010198	0.040524	0.029016	0.012686	0.027811
111	Water transport	0.002111	0.000231	0.000886	0.000131	0.000146	0.000122	0.000121	0.001994	0.000032	0.000139
112	Air transport	0.000296	0.000305	0.000241	0.000449	0.000186	0.000651	0.000147	0.000590	0.002504	0.001610
113	Supporting and aux. tpt activities	0.001590	0.000542	0.001015	0.002027	0.001058	0.000247	0.000329	0.003221	0.000139	0.000585
114	Storage and warehousing		0.000103		0.002204			0.005120	0.000096		
115	Communication	0.010829	0.012868	0.026036	0.042250		0.007653	0.002913	0.002614	0.023271	0.037587
116	Trade	0.063769	0.037257	0.039320	0.008571	0.016060	0.007741	0.005927	0.086919	0.001971	0.005159
117	Hotels and restaurants	0.081984	0.012411	0.012414	0.096812	0.013220	0.002605	0.013281	0.039928	0.018991	0.035979
118	Banking	0.005225	0.003516	0.004492	0.018273	0.010917	0.002202	0.031944	0.015708	0.035611	0.013247
119	Insurance	0.006955	0.011244	0.009200	0.017632	0.016459	0.000516	0.005461	0.003595	0.008843	0.010123
120	Ownership of dwellings										
121	Education and research		0.002472	0.017326			0.008965				
122	Medical and health						0.001251				0.008344
123	Business services	0.023318	0.007432	0.005409	0.014908	0.007303	0.001538	0.007051	0.000937	0.003393	0.001341
124	Computer & related activities	0.000466	0.001683	0.012592	0.002170	0.011003	0.000722	0.000866	0.000956	0.001159	0.000231
125	Legal services	0.000119	0.000587	0.000516	0.006490	0.004008	0.000378	0.000509	0.000340	0.000416	0.000623
126	Real estate activities		0.001418				0.000204				
127	Renting of machinery & equipment	0.000737	0.001530	0.002582	0.000127		0.000526	0.000002	0.000012		
128	O.com, social&personal services	0.001290	0.000044	0.000254	0.011152	0.000173	0.001733	0.000103	0.002032	0.002439	0.000147
129	Other services	0.000400	0.000470	0.000439	0.000242	0.002179	0.000316	0.000006	0.000480	0.000075	0.000343
130	Public administration										
	Total Input	0.567765	0.401543	0.520445	0.459437	0.409135	0.236990	0.159509	0.668135	0.159791	0.229484
	NIT	0.077477	0.009075	0.045157	0.016480	-0.001114	0.016282	0.007099	0.002357	0.006279	0.010488
	Total Input+NIT	0.645242	0.410619	0.565603	0.475916	0.408021	0.253272	0.166608	0.670492	0.166070	0.239972
	GVA	0.354758	0.589381	0.434397	0.524084	0.591979	0.746728	0.833392	0.329508	0.833930	0.760028
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	120	121	122	123	124	125	126	127	128	129	130
1	Paddy			0.000167	0.000697	0.000002		0.000001			0.000001	0.000001	
2	Wheat			0.000184	0.000326	0.000003		0.000002	0.000001		0.000002	0.000002	
3	Jowar												
4	Bajra												
5	Maize												
6	Gram												
7	Pulses			0.000094	0.000956	0.000010		0.000007	0.000002		0.000006	0.000006	
8	Sugarcane												
9	Groundnut												
10	Coconut												
11	Other oilseeds												
12	Jute												
13	Cotton												
14	Tea												
15	Coffee												
16	Rubber												
17	Tobacco												
18	Fruits												
19	Vegetables												
20	Other crops			0.000847	0.004698	0.000552		0.000377	0.000104		0.000364	0.000367	
21	Milk and milk products			0.000222	0.001502	0.000015		0.000010	0.000003		0.000010	0.000010	
22	Animal services(agricultural)												
23	Poultry & Eggs												
24	Other liv.st. produ.			0.000021	0.000147	0.000716		0.000490	0.000135		0.000473	0.000476	
25	Forestry and logging												
26	Fishing												
27	Coal and lignite					0.000055		0.000030	0.000008		0.000030	0.000062	
28	Natural gas												
29	Crude petroleum												
30	Iron ore												
31	Manganese ore												
32	Bauxite												
33	Copper ore												
34	Other metallic minerals												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	120	121	122	123	124	125	126	127	128	129	130
35	Lime stone												
36	Mica												
37	Other non metallic minerals												
38	Sugar												
39	Khandsari, boora												
40	Hydrogenated oil(vanaspati)												
41	Edible oils other than vanaspati												
42	Tea and coffee processing												
43	Miscellaneous food products											0.000031	
44	Beverages												
45	Tobacco products												
46	Khadi, cotton textiles(handlooms)												
47	Cotton textiles					0.000235		0.000164	0.000025		0.000133	0.000342	
48	Woolen textiles												
49	Silk textiles												
50	Art silk, synthetic fiber textiles												
51	Jute, hemp, mesta textiles											0.000002	
52	Carpet weaving						0.000564						
53	Readymade garments		0.000663	0.005054			0.000382				0.000008	0.000170	
54	Miscellaneous textile products		0.000364	0.003143	0.001746	0.000195	0.001194	0.000330			0.001154	0.001163	
55	Furniture and fixtures-wooden		0.001879	0.011479	0.014990		0.001266	0.002833			0.002641	0.010241	
56	Wood and wood products											0.000009	
57	Paper, paper prods. & newsprint		0.000331	0.001288	0.003561		0.002433	0.000673			0.000975	0.002647	
58	Printing and publishing		0.002364	0.002874	0.000818	0.001372	0.005380	0.000155			0.000553	0.001195	
59	Leather footwear												
60	Leather and leather products												
61	Rubber products		0.000036	0.000087							0.000001	0.000109	
62	Plastic products											0.000072	
63	Petroleum products		0.001347	0.004115	0.000277		0.000189	0.000052			0.000301	0.001391	
64	Coal tar products												
65	Inorganic heavy chemicals		0.000098	0.000387								0.000215	
66	Organic heavy chemicals		0.001000	0.003738								0.000041	
67	Fertilizers												
68	Pesticides											0.000023	

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity	Industry	120	121	122	123	124	125	126	127	128	129	130
69	Paints, varnishes and lacquers											0.000027	
70	Drugs and medicines			0.002448	0.161416	0.000931		0.000637	0.000176		0.000464	0.012809	
71	Soaps, cosmetics & glycerin											0.000350	
72	Synthetic fibers, resin												
73	Other chemicals					0.001336		0.000058	0.000253		0.000467	0.001414	
74	Structural clay products											0.000006	
75	Cement											0.000005	
76	Other non-metallic mineral prods.					0.000204		0.000113	0.000015		0.000091	0.000189	
77	Iron, steel and ferro alloys											0.000010	
78	Iron and steel casting & forging												
79	Iron and steel foundries												
80	Non-ferrous basic metals												
81	Hand tools, hardware					0.000142		0.000097	0.000027		0.000094	0.000106	
82	Miscellaneous metal products			0.000023	0.000535	0.002035		0.001392	0.000385		0.000329	0.001385	
83	Tractors and agri. implements												
84	Industrial machinery(F & T)												
85	Industrial machinery(others)												
86	Machine tools												
87	Other non-electrical machinery			0.000172	0.000747	0.000032		0.000022	0.000006		0.000026	0.000179	
88	Electrical industrial Machinery												
89	Electrical wires & cables												
90	Batteries			0.000010	0.000020					0.001915		0.000026	
91	Electrical appliances			0.000041	0.000114	0.000644		0.000388	0.000092		0.000348	0.000706	
92	Communication equipments					0.010781	0.002008	0.006680	0.001845	0.008483	0.018878	0.009892	
93	Other electrical Machinery					0.000041		0.000028	0.000008		0.000027	0.001483	
94	Electronic equipments(incl.TV)			0.000071	0.010571	0.030253	0.009887	0.000024	0.000007	0.006301	0.000024	0.014081	
95	Ships and boats			0.000045	0.000386	0.013422		0.009183	0.002537		0.008871	0.008912	
96	Rail equipments												
97	Motor vehicles			0.000413	0.001132	0.006695	0.001873			0.001847	0.000007	0.000503	
98	Motor cycles and scooters			0.000003	0.000009		0.000546			0.005003		0.000002	
99	Bicycles, cycle-rickshaw			0.000010	0.000087		0.003127				0.000001	0.000016	
100	Other transport equipments					0.000768	0.001729	0.003572				0.002376	
101	Watches and clocks				0.000030								
102	Medical, precision&optical instru.s												

MATRIX 3 : INPUT OUTPUT COEFFICIENT MATRIX (COMMODITY X INDUSTRY) - 2007-08

Code/ Sector	Commodity \ Industry	120	121	122	123	124	125	126	127	128	129	130
103	Jems & jewelry											
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing		0.001060	0.002012	0.006625	0.003953	0.000017	0.000351		0.047861	0.010170	
106	Construction	0.038707	0.010961	0.010026	0.025397	0.025028	0.000099	0.000403	0.031912	0.005863	0.013052	
107	Electricity		0.000717	0.002134	0.013286	0.024027	0.037490	0.000484	0.036542	0.001757	0.018154	
108	Water supply		0.000032	0.000066		0.003211					0.000012	
109	Railway transport services		0.000062	0.000953	0.001477	0.001636	0.000009	0.000008	0.000009	0.000500	0.000553	
110	Land tpt including via pipeline		0.029768	0.018205	0.008079	0.004850	0.010832	0.000624	0.006711	0.012929	0.005965	
111	Water transport		0.000018	0.000054	0.000020	0.000008	0.000003	0.000002		0.000094	0.000037	
112	Air transport		0.000433	0.000633	0.003468	0.000763	0.012069	0.000029	0.000086	0.000091	0.000181	
113	Supporting and aux. tpt activities		0.000115	0.001646	0.000387	0.000118	0.000210	0.000057	0.000030	0.000215	0.000409	
114	Storage and warehousing											
115	Communication		0.002941	0.008916	0.021282	0.006617	0.000533	0.008129	0.001886	0.007717	0.043969	
116	Trade		0.001680	0.013817	0.006179	0.003014	0.002168	0.000551	0.001953	0.005370	0.005521	
117	Hotels and restaurants		0.012923	0.076003	0.073340	0.014853	0.014719	0.044747	0.012008	0.007355	0.000588	
118	Banking	0.007278	0.018545	0.010247	0.022128	0.020790	0.026425	0.002883	0.037087	0.030128	0.039148	
119	Insurance		0.001737		0.000007	0.002992	0.000003	0.000001		0.000003	0.000109	
120	Ownership of dwellings											
121	Education and research		0.005867	0.003840		0.034641						
122	Medical and health					0.020011						
123	Business services		0.002003	0.000079	0.140619	0.034829	0.005145	0.000103	0.014582	0.028409	0.003920	
124	Computer & related activities	0.000004	0.000159	0.000500	0.002090	0.028046	0.000124	0.000061	0.000239	0.000392	0.002076	
125	Legal services		0.000126	0.001159	0.017274	0.002663	0.031410	0.079418	0.004372	0.001797	0.005385	
126	Real estate activities				0.030619			0.096143				
127	Renting of machinery & equipment		0.000029	0.000006	0.000082	0.000088	0.000001		0.015635	0.001036	0.003456	
128	O.com, social&personal services		0.000011	0.001899	0.005947	0.002674	0.007891	0.016376	0.005766	0.033018	0.010345	
129	Other services		0.000351	0.000366	0.000296	0.000154	0.001531	0.001066		0.000649	0.105290	
130	Public administration											
	Total Input	0.045990	0.102391	0.368100	0.468867	0.256652	0.184417	0.261105	0.192369	0.221468	0.341395	
	NIT	0.001006	0.002590	0.019173	0.025134	0.005592	-0.001731	0.012217	0.002028	0.007822	0.067044	
	Total Input+NIT	0.046997	0.104982	0.387273	0.494001	0.262243	0.182686	0.273322	0.194397	0.229289	0.408439	
	GVA	0.953003	0.895018	0.612727	0.505999	0.737757	0.817314	0.726678	0.805603	0.770711	0.591561	1.000000
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4: PRODUCT MIX MATRIX

'C' MATRIX

2007-08

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	1	2	3	4	5	6	7	8	9	10
1	Paddy		0.900638	0.007158					0.009889			
2	Wheat		0.001556	0.815682					0.006970			
3	Jowar				0.680117							
4	Bajra					0.812959						
5	Maize						0.851617					
6	Gram							0.940325				
7	Pulses		0.003983	0.007777				0.002078	0.937349			
8	Sugarcane									0.947134		
9	Groundnut										0.930413	
10	Coconut											1.000000
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables			0.002589								
20	Other crops		0.068061	0.139736	0.319883	0.185603	0.146958	0.054856	0.018725	0.052866	0.069587	
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	1	2	3	4	5	6	7	8	9	10
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar			0.001547								
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati		0.011557	0.003415								
42	Tea and coffee processing											
43	Miscellaneous food products		0.010005	0.020881			0.001270	0.002741	0.022287			
44	Beverages		0.000642									
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											
62	Plastic products											
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	1	2	3	4	5	6	7	8	9	10
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	1	2	3	4	5	6	7	8	9	10
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.002947	0.001215		0.001438			0.004341			
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	11	12	13	14	15	16	17	18	19	20
1	Paddy											0.003758
2	Wheat											0.010556
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											0.023568
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds		1.000000									0.005221
12	Jute			0.923194								
13	Cotton				0.975268							
14	Tea					1.000000						
15	Coffee						1.000000					
16	Rubber							1.000000				
17	Tobacco								1.000000			
18	Fruits									1.000000		
19	Vegetables										1.000000	0.002616
20	Other crops			0.076806	0.024732							0.945765
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	11	12	13	14	15	16	17	18	19	20
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											0.001829
42	Tea and coffee processing											
43	Miscellaneous food products											0.006123
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											
62	Plastic products											
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	11	12	13	14	15	16	17	18	19	20
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	11	12	13	14	15	16	17	18	19	20
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	21	22	23	24	25	26	27	28	29	30
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products		0.999999									
22	Animal services(agricultural)			1.000000								
23	Poultry & Eggs				1.000000							
24	Other liv.st. produ.					1.000000						
25	Forestry and logging						1.000000					
26	Fishing							1.000000				
27	Coal and lignite								1.000000			
28	Natural gas									1.000000		
29	Crude petroleum										1.000000	
30	Iron ore											1.000000
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	21	22	23	24	25	26	27	28	29	30
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											
62	Plastic products											
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	21	22	23	24	25	26	27	28	29	30
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	21	22	23	24	25	26	27	28	29	30
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	31	32	33	34	35	36	37	38	39	40
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											0.003119
8	Sugarcane											
9	Groundnut											0.005653
10	Coconut											
11	Other oilseeds											0.095649
12	Jute											
13	Cotton											0.000829
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore		1.000000									
32	Bauxite			1.000000								

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	31	32	33	34	35	36	37	38	39	40
33	Copper ore				1.000000							
34	Other metallic minerals					1.000000						
35	Lime stone						1.000000					
36	Mica							1.000000				
37	Other non metallic minerals								1.000000			
38	Sugar									0.774823	0.363902	
39	Khandsari, boora									0.205647	0.527171	
40	Hydrogenated oil(vanaspati)											0.465193
41	Edible oils other than vanaspati											0.362970
42	Tea and coffee processing											
43	Miscellaneous food products										0.031401	0.054558
44	Beverages										0.075513	
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											
62	Plastic products											
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals									0.008426		

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	31	32	33	34	35	36	37	38	39	40
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											0.003229
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	31	32	33	34	35	36	37	38	39	40
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity								0.003419		0.001772
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade								0.006960	0.002014	0.006842
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	41	42	43	44	45	46	47	48	49	50
1	Paddy				0.001910							
2	Wheat				0.011385							
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses				0.004241							
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	41	42	43	44	45	46	47	48	49	50
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar			0.000824	0.000625							
39	Khandsari, boora			0.001011	0.000886							
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati	0.982634		0.008071								
42	Tea and coffee processing		0.903786	0.000849								
43	Miscellaneous food products	0.003340	0.063945	0.949304	0.023036	0.021808						
44	Beverages			0.001987	0.912415							
45	Tobacco products					0.970585						
46	Khadi, cotton textiles(handlooms)							0.562462				
47	Cotton textiles							0.271447	0.756084	0.015809	0.098661	0.050268
48	Woolen textiles							0.023334	0.767261	0.002296	0.001115	
49	Silk textiles								0.003800	0.421013	0.000737	
50	Art silk, synthetic fiber textiles							0.087182	0.006273	0.368640	0.677941	
51	Jute, hemp, mesta textiles							0.002481		0.000994		
52	Carpet weaving								0.013966			
53	Readymade garments							0.021742	0.192256	0.009510	0.084322	
54	Miscellaneous textile products							0.164720	0.103067		0.084977	0.124317
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											
62	Plastic products						0.000689		0.003061			0.009410
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											0.004260
66	Organic heavy chemicals			0.001167	0.046570	0.000726						

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	41	42	43	44	45	46	47	48	49	50
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines				0.005024			0.001184				
71	Soaps, cosmetics & glycerin		0.001663	0.001369			0.003046					
72	Synthetic fibers, resin								0.002238		0.013907	0.041320
73	Other chemicals				0.007153	0.003313						
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	41	42	43	44	45	46	47	48	49	50
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.000794		0.002258							
106	Construction										
107	Electricity	0.000979									0.003226
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.010245	0.030223	0.002543	0.009204	0.002817					0.002150
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment				0.002889						
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	51	52	53	54	55	56	57	58	59	60
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	51	52	53	54	55	56	57	58	59	60
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles		0.002964	0.001704		0.018570						
48	Woolen textiles			0.020189								
49	Silk textiles					0.034700						
50	Art silk, synthetic fiber textiles		0.130808	0.050503		0.028931						0.000515
51	Jute, hemp, mesta textiles		0.762888	0.035074		0.011310	0.004047					
52	Carpet weaving		0.081044	0.540794		0.033598						
53	Readymade garments		0.011500	0.177491	0.959411	0.194714	0.002017					
54	Miscellaneous textile products		0.010132	0.146618		0.597690	0.004786	0.000856			0.043574	0.014366
55	Furniture and fixtures-wooden				0.000577		0.779285	0.311157	0.001619			
56	Wood and wood products							0.599091	0.011636	0.002193		
57	Paper, paper prods. & newsprint							0.001032	0.862294	0.133330		
58	Printing and publishing								0.068166	0.796974		
59	Leather footwear										0.417881	0.088995
60	Leather and leather products			0.002129	0.019723						0.225545	0.870596
61	Rubber products			0.012861	0.015284	0.011438		0.001018			0.159750	0.000968
62	Plastic products		0.000661	0.001089		0.008540		0.021543	0.028635	0.032758	0.091981	0.005746
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals					0.002080	0.001589		0.002555			
66	Organic heavy chemicals					0.006579	0.000687	0.005316				

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	51	52	53	54	55	56	57	58	59	60
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											0.005498
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin				0.003082		0.072111	0.003197		0.001107		
73	Other chemicals								0.004002			0.000953
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries						0.001853	0.001149				
80	Non-ferrous basic metals											
81	Hand tools, hardware						0.001560	0.000950				
82	Miscellaneous metal products								0.001286	0.003541		
83	Tractors and agri. implements							0.000869				
84	Industrial machinery(F & T)						0.000854					
85	Industrial machinery(others)											
86	Machine tools						0.026274					
87	Other non-electrical machinery								0.000638			
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments							0.001348				
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	51	52	53	54	55	56	57	58	59	60
100	Other transport equipments						0.000640				
101	Watches and clocks										
102	Medical, precision&optical instru.s								0.000809		
103	Jems & jewelry		0.010019								
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing			0.000889	0.001197	0.019448	0.011467	0.005161	0.017141	0.001632	0.001058
106	Construction										0.000691
107	Electricity				0.000926			0.009642			
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade		0.000831		0.047235	0.083685	0.038852	0.002208	0.010474	0.058360	0.010343
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	61	62	63	64	65	66	67	68	69	70
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	61	62	63	64	65	66	67	68	69	70
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											0.005749
44	Beverages											0.007537
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles		0.001773	0.030295						0.010124		
51	Jute, hemp, mesta textiles											0.003442
52	Carpet weaving											
53	Readymade garments			0.010005								0.000585
54	Miscellaneous textile products		0.014852	0.011993								0.002284
55	Furniture and fixtures-wooden			0.000872								
56	Wood and wood products			0.002781			0.002522	0.001968				
57	Paper, paper prods. & newsprint			0.010417						0.000842		
58	Printing and publishing			0.000568								
59	Leather footwear		0.005260									
60	Leather and leather products		0.005488	0.002776								
61	Rubber products		0.919204	0.010323					0.013716		0.004066	
62	Plastic products		0.018818	0.743361			0.019833	0.015477			0.001952	0.005317
63	Petroleum products				0.952836	0.027865	0.003858	0.003011		0.000529	0.006630	
64	Coal tar products				0.011427	0.824648	0.000899	0.000702				
65	Inorganic heavy chemicals		0.006035	0.024088	0.001554	0.133176	0.433298	0.341320	0.177398	0.041702	0.032481	0.006834
66	Organic heavy chemicals		0.001383	0.031839	0.016110	0.001350	0.233764	0.448077	0.051905	0.066563	0.035358	0.019455

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	61	62	63	64	65	66	67	68	69	70
67	Fertilizers				0.011750		0.005135	0.004007	0.734078	0.006987		
68	Pesticides			0.001511			0.053336	0.025150	0.005002	0.661239	0.017075	0.001353
69	Paints, varnishes and lacquers			0.021382			0.107661	0.066583		0.002869	0.853709	
70	Drugs and medicines						0.028303	0.022086		0.005217		0.894057
71	Soaps, cosmetics & glycerin						0.048464	0.037819				0.003608
72	Synthetic fibers, resin			0.023260	0.001774		0.004823	0.003764	0.008514	0.000517	0.016067	
73	Other chemicals		0.002157	0.020817	0.001943		0.042585	0.019764		0.179219	0.013806	0.016821
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.			0.001462			0.001617	0.001262	0.000504	0.004515		0.003139
77	Iron, steel and ferro alloys					0.004153						
78	Iron and steel casting & forging											
79	Iron and steel foundries		0.000555									
80	Non-ferrous basic metals										0.000920	
81	Hand tools, hardware											
82	Miscellaneous metal products			0.004693	0.000508					0.010186	0.000621	
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools			0.008101								
87	Other non-electrical machinery		0.000601	0.001264						0.005196		
88	Electrical industrial Machinery											
89	Electrical wires & cables			0.000769								
90	Batteries											
91	Electrical appliances			0.000569								
92	Communication equipments											
93	Other electrical Machinery			0.001212								
94	Electronic equipments(incl.TV)			0.000549								
95	Ships and boats											
96	Rail equipments		0.008520									
97	Motor vehicles		0.004582	0.000832								
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	61	62	63	64	65	66	67	68	69	70
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s		0.002396								0.002364
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.001781	0.007094			0.000688					0.003637
106	Construction		0.002043							0.000598	
107	Electricity			0.000546		0.009370	0.007312				
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.007524	0.021693	0.001032	0.006904	0.002355		0.007277	0.003499	0.015826	0.021890
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	71	72	73	74	75	76	77	78	79	80
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite					0.004136						

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	71	72	73	74	75	76	77	78	79	80
33	Copper ore											
34	Other metallic minerals											
35	Lime stone							0.000737				
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products			0.053242								
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles		0.092818									
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint		0.001261									
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products		0.013222	0.001763				0.001806			0.002021	0.000646
62	Plastic products		0.165023	0.026703				0.003310		0.001025	0.019659	0.001569
63	Petroleum products		0.020103	0.044758								
64	Coal tar products							0.005494				
65	Inorganic heavy chemicals		0.013132	0.108367	0.075481	0.022037	0.001642	0.002671	0.001126			
66	Organic heavy chemicals		0.033264	0.079405	0.067506	0.002024		0.000610				

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	71	72	73	74	75	76	77	78	79	80
67	Fertilizers		0.003470									
68	Pesticides		0.024446	0.001174	0.024823							
69	Paints, varnishes and lacquers		0.006309	0.006879	0.024094							0.001740
70	Drugs and medicines		0.010588	0.000799	0.006758							
71	Soaps, cosmetics & glycerin		0.873960	0.003724	0.005860							
72	Synthetic fibers, resin			0.480472	0.067072			0.002670				
73	Other chemicals		0.017451	0.025159	0.553290			0.010025			0.001982	
74	Structural clay products					0.894804	0.048859	0.023130				
75	Cement					0.008381	0.927257	0.003584				
76	Other non-metallic mineral prods.					0.048908	0.018843	0.803996	0.002573	0.001172	0.018659	0.019270
77	Iron, steel and ferro alloys							0.001966	0.781953	0.007847	0.062452	0.004046
78	Iron and steel casting & forging								0.054588	0.673511	0.041908	0.005712
79	Iron and steel foundries				0.000520			0.004123	0.095956	0.134394	0.554260	0.030697
80	Non-ferrous basic metals				0.005187				0.006668	0.004654	0.002382	0.597718
81	Hand tools, hardware										0.001584	
82	Miscellaneous metal products				0.000765	0.006732		0.007110	0.048197	0.077113	0.151926	0.228138
83	Tractors and agri. implements										0.001536	
84	Industrial machinery(F & T)											
85	Industrial machinery(others)							0.001663			0.003783	
86	Machine tools							0.004934		0.010144	0.008588	0.000703
87	Other non-electrical machinery							0.005690		0.038097	0.040066	0.001320
88	Electrical industrial Machinery										0.004234	
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances										0.004332	
92	Communication equipments										0.041130	
93	Other electrical Machinery							0.019333		0.000600	0.020618	0.084177
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments							0.053874		0.027906	0.002578	
97	Motor vehicles									0.008573	0.000812	
98	Motor cycles and scooters									0.001676		
99	Bicycles, cycle-rickshaw									0.003260		0.001237

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	71	72	73	74	75	76	77	78	79	80
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s						0.021165		0.000629	0.002857	
103	Jems & jewelry										0.016347
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.001901			0.005891		0.012615		0.004480	0.003806	0.001816
106	Construction				0.003389			0.001652			
107	Electricity						0.002174	0.003181	0.000504		0.001773
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.014028	0.000821	0.039981	0.002509	0.002834	0.005432	0.003298	0.002261	0.007938	0.002021
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	81	82	83	84	85	86	87	88	89	90
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	81	82	83	84	85	86	87	88	89	90
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products			0.001871	0.001073				0.001852		0.006838	
62	Plastic products	0.002660	0.005646	0.003227			0.002366			0.004094	0.010110	0.001218
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	81	82	83	84	85	86	87	88	89	90
67	Fertilizers											
68	Pesticides								0.001441			
69	Paints, varnishes and lacquers										0.005784	
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals									0.000638	0.011492	
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.		0.000557	0.004739								
77	Iron, steel and ferro alloys			0.000724								
78	Iron and steel casting & forging		0.005747	0.003149	0.007947	0.009425	0.004611	0.002502	0.003118	0.001179		
79	Iron and steel foundries		0.060438	0.102667	0.003171	0.002377	0.005571	0.015778	0.006621	0.000934	0.003200	
80	Non-ferrous basic metals		0.033457	0.004759		0.001201	0.002297	0.013849	0.002736	0.003931	0.058924	0.008216
81	Hand tools, hardware		0.701889	0.089334			0.007054	0.003441	0.001938	0.001542		
82	Miscellaneous metal products		0.044390	0.447206	0.012336	0.025253	0.042323	0.027049	0.019099	0.024517	0.024985	0.009471
83	Tractors and agri. implements		0.006291	0.014957	0.839464	0.018267	0.007571	0.013577	0.005098	0.000573		
84	Industrial machinery(F & T)		0.000971	0.004892	0.006742	0.472879	0.041482	0.026300	0.023377			
85	Industrial machinery(others)		0.003809	0.000505		0.008188	0.369481	0.235282	0.006271			
86	Machine tools		0.089725	0.014688	0.026990	0.097701	0.081564	0.378752	0.022142	0.003457	0.000913	
87	Other non-electrical machinery		0.003336	0.075264	0.033647	0.196569	0.408412	0.248226	0.792519	0.017852		0.004383
88	Electrical industrial Machinery			0.041221		0.104478	0.001322		0.051199	0.755445	0.002515	0.000660
89	Electrical wires & cables								0.005037	0.055054	0.662912	
90	Batteries				0.007502					0.001113		0.897655
91	Electrical appliances			0.021065	0.004252	0.040819		0.013689	0.004528	0.006340	0.001599	
92	Communication equipments								0.001561	0.006215	0.002906	0.009722
93	Other electrical Machinery		0.011802	0.015624	0.001053	0.003580	0.001154		0.017326	0.073095	0.199237	0.048921
94	Electronic equipments(incl.TV)			0.004698					0.003311	0.019549		0.002735
95	Ships and boats											
96	Rail equipments			0.001020				0.000510	0.000597			
97	Motor vehicles			0.002212	0.042214		0.003714		0.004779		0.001288	
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	81	82	83	84	85	86	87	88	89	90
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s				0.009055		0.002060	0.001364			
103	Jems & jewelry	0.001942									
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.001843	0.130817		0.001698	0.003296	0.001648	0.003933	0.005213	0.002893	0.002535
106	Construction	0.000536			0.000620						
107	Electricity		0.001596						0.000546		
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.029428	0.007922	0.008468	0.007476	0.015719	0.015597	0.019231	0.017846	0.003287	0.014294
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	91	92	93	94	95	96	97	98	99	100
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	91	92	93	94	95	96	97	98	99	100
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products				0.003260				0.001638			
61	Rubber products		0.002598		0.000552			0.090222	0.020953	0.012036	0.015581	0.039604
62	Plastic products		0.018502	0.001071	0.001998				0.002522	0.003419		
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	91	92	93	94	95	96	97	98	99	100
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products		0.013000									
75	Cement											
76	Other non-metallic mineral prods.		0.001094		0.024710							
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging				0.007519			0.010518	0.004820	0.002125	0.023351	
79	Iron and steel foundries				0.048763			0.026149	0.003426	0.000500	0.013457	
80	Non-ferrous basic metals		0.001266		0.002733			0.001600	0.004363	0.004476		
81	Hand tools, hardware				0.001042			0.005014	0.005348	0.011510	0.001691	0.002127
82	Miscellaneous metal products		0.024710	0.004835	0.005832	0.005192	0.002039	0.013084	0.010205	0.028096	0.048254	0.059099
83	Tractors and agri. implements				0.005853				0.004593	0.002489		0.000560
84	Industrial machinery(F & T)					0.000748		0.001133	0.000996			
85	Industrial machinery(others)				0.003205							
86	Machine tools		0.000977	0.001018	0.051139	0.000599	0.000611	0.047691	0.032012	0.017481	0.002265	0.027009
87	Other non-electrical machinery		0.003603	0.075848	0.051397	0.025568	0.002279	0.019150	0.010990	0.023548	0.019855	0.271603
88	Electrical industrial Machinery		0.005457	0.005916	0.270708			0.016439	0.006233			0.048299
89	Electrical wires & cables			0.000578	0.001252			0.010311				
90	Batteries				0.001013							
91	Electrical appliances		0.487131	0.119305	0.050148	0.000520		0.003272	0.001924			
92	Communication equipments		0.138726	0.524467	0.005768	0.220872		0.013235				
93	Other electrical Machinery		0.243253	0.019200	0.418379	0.033007		0.015355	0.008245	0.002435		0.003388
94	Electronic equipments(incl.TV)		0.016012	0.208654	0.012762	0.677339			0.000928		0.002119	
95	Ships and boats		0.006910				0.959327					
96	Rail equipments		0.004562		0.002933			0.688318	0.007964		0.002255	0.004713
97	Motor vehicles				0.005358	0.001939		0.001137	0.781898	0.028387	0.004497	0.031396
98	Motor cycles and scooters								0.002853	0.805090		0.171890
99	Bicycles, cycle-rickshaw									0.011781	0.859937	

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	91	92	93	94	95	96	97	98	99	100
100	Other transport equipments								0.037836		0.315252
101	Watches and clocks										
102	Medical, precision&optical instru.s	0.003879									
103	Jems & jewelry										
104	Aircraft & spacecraft						0.000753				
105	Miscellaneous manufacturing	0.003344	0.003258	0.007855	0.006516	0.027287	0.007069	0.001729	0.000780	0.001629	0.016093
106	Construction					0.000662		0.000906	0.002607		
107	Electricity	0.003508									
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.020152	0.034922	0.015158	0.027008	0.007212	0.028651	0.083887	0.004217	0.005103	0.008816
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities				0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	101	102	103	104	105	106	107	108	109	110
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	101	102	103	104	105	106	107	108	109	110
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles			0.020305								
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles			0.001041								
51	Jute, hemp, mesta textiles			0.000756								
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products			0.004610			0.001656					
55	Furniture and fixtures-wooden						0.002149					
56	Wood and wood products						0.011238					
57	Paper, paper prods. & newsprint						0.001657					
58	Printing and publishing						0.003410					
59	Leather footwear											
60	Leather and leather products		0.002202				0.009416					
61	Rubber products			0.020435		0.000933	0.004894					
62	Plastic products			0.037889			0.012063					
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	101	102	103	104	105	106	107	108	109	110
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers						0.007225					
70	Drugs and medicines			0.017668								
71	Soaps, cosmetics & glycerin						0.009078					
72	Synthetic fibers, resin						0.001806					
73	Other chemicals			0.069060			0.004744					
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.			0.008506			0.002842					
77	Iron, steel and ferro alloys			0.001446								
78	Iron and steel casting & forging											
79	Iron and steel foundries						0.001646					
80	Non-ferrous basic metals				0.002690		0.000752					
81	Hand tools, hardware						0.000769					
82	Miscellaneous metal products	0.031825	0.017032	0.002309			0.022564					
83	Tractors and agri. implements											
84	Industrial machinery(F & T)						0.000564					
85	Industrial machinery(others)		0.009145				0.001437					
86	Machine tools	0.000695		0.000669	0.011186	0.057555						
87	Other non-electrical machinery		0.012300		0.001026	0.033894						
88	Electrical industrial Machinery	0.000977	0.001628			0.012042						
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances		0.002059			0.010625						
92	Communication equipments				0.005488	0.015053						
93	Other electrical Machinery		0.015450		0.024254	0.029462						
94	Electronic equipments(incl.TV)		0.004973			0.036972						
95	Ships and boats					0.002114						
96	Rail equipments											
97	Motor vehicles					0.114155						
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	101	102	103	104	105	106	107	108	109	110
100	Other transport equipments										
101	Watches and clocks	0.942584				0.000790					
102	Medical, precision&optical instru.s		0.705215			0.048477					
103	Jems & jewelry			0.982252		0.003744					
104	Aircraft & spacecraft				0.775873						
105	Miscellaneous manufacturing	0.014477	0.020875	0.001075	0.001224	0.500783					
106	Construction						1.000000				
107	Electricity							1.000000			
108	Water supply								1.000000		
109	Railway transport services									1.000000	
110	Land tpt including via pipeline										1.000000
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade	0.005398	0.028595	0.010400	0.007875	0.032480					
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
127	Renting of machinery & equipment				0.172140						
128	O.com, social&personal services										
129	Other services					0.001158					
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	111	112	113	114	115	116	117	118	119	120
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	111	112	113	114	115	116	117	118	119	120
33	Copper ore											
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											
62	Plastic products											
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	111	112	113	114	115	116	117	118	119	120
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											
99	Bicycles, cycle-rickshaw											

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	111	112	113	114	115	116	117	118	119	120
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport	1.000000									
112	Air transport		1.000000								
113	Supporting and aux. tpt activities			1.000000							
114	Storage and warehousing				1.000000						
115	Communication					1.000000					
116	Trade						1.000000				
117	Hotels and restaurants							1.000000			
118	Banking								1.000000		
119	Insurance									1.000000	
120	Ownership of dwellings										1.000000
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	121	122	123	124	125	126	127	128	129	130	Total
1	Paddy												0.019852
2	Wheat												0.011253
3	Jowar												0.000773
4	Bajra												0.000781
5	Maize												0.001354
6	Gram												0.001435
7	Pulses												0.006086
8	Sugarcane												0.003861
9	Groundnut												0.002192
10	Coconut												0.000737
11	Other oilseeds												0.004623
12	Jute												
13	Cotton												0.003044
14	Tea												
15	Coffee												
16	Rubber												0.000729
17	Tobacco												
18	Fruits												0.006867
19	Vegetables												0.008878
20	Other crops												0.011409
21	Milk and milk products												0.017017
22	Animal services(agricultural)												0.003208
23	Poultry & Eggs												0.002791
24	Other liv.st. produ.												0.005795
25	Forestry and logging												0.009921
26	Fishing												0.004712
27	Coal and lignite												0.005291
28	Natural gas												0.001611
29	Crude petroleum												0.004639
30	Iron ore												0.002407
31	Manganese ore												
32	Bauxite												

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	121	122	123	124	125	126	127	128	129	130	Total
33	Copper ore												
34	Other metallic minerals												
35	Lime stone												
36	Mica												
37	Other non metallic minerals												0.002224
38	Sugar												0.003241
39	Khandsari, boora												0.001268
40	Hydrogenated oil(vanaspati)												0.001290
41	Edible oils other than vanaspati												0.007151
42	Tea and coffee processing												0.001319
43	Miscellaneous food products												0.018287
44	Beverages												0.003362
45	Tobacco products												0.002553
46	Khadi, cotton textiles(handlooms)												0.001125
47	Cotton textiles												0.010435
48	Woolen textiles												0.000984
49	Silk textiles												
50	Art silk, synthetic fiber textiles												0.006204
51	Jute, hemp, mesta textiles												0.001017
52	Carpet weaving												0.000697
53	Readymade garments												0.009827
54	Miscellaneous textile products												0.005753
55	Furniture and fixtures-wooden												0.004230
56	Wood and wood products												0.003103
57	Paper, paper prods. & newsprint												0.005091
58	Printing and publishing												0.003587
59	Leather footwear												0.001197
60	Leather and leather products												0.002765
61	Rubber products												0.005362
62	Plastic products												0.008516
63	Petroleum products												0.043293
64	Coal tar products												0.001773
65	Inorganic heavy chemicals												0.005023
66	Organic heavy chemicals												0.004659

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity	Industry	121	122	123	124	125	126	127	128	129	130	Total
67	Fertilizers												0.005068
68	Pesticides												0.001334
69	Paints, varnishes and lacquers												0.002691
70	Drugs and medicines												0.006729
71	Soaps, cosmetics & glycerin												0.004345
72	Synthetic fibers, resin												0.003933
73	Other chemicals												0.003744
74	Structural clay products												0.003544
75	Cement												0.005817
76	Other non-metallic mineral prods.												0.005521
77	Iron, steel and ferro alloys												0.023045
78	Iron and steel casting & forging												0.005701
79	Iron and steel foundries												0.008502
80	Non-ferrous basic metals												0.007662
81	Hand tools, hardware												0.003198
82	Miscellaneous metal products												0.011408
83	Tractors and agri. implements												0.002882
84	Industrial machinery(F & T)												0.001914
85	Industrial machinery(others)												0.001816
86	Machine tools												0.004345
87	Other non-electrical machinery												0.016545
88	Electrical industrial Machinery												0.005907
89	Electrical wires & cables												0.001900
90	Batteries												0.000512
91	Electrical appliances												0.001991
92	Communication equipments												0.003488
93	Other electrical Machinery												0.004546
94	Electronic equipments(incl.TV)												0.003272
95	Ships and boats												0.000810
96	Rail equipments												0.002230
97	Motor vehicles												0.014541
98	Motor cycles and scooters												0.003686
99	Bicycles, cycle-rickshaw												0.000851

MATRIX 4 : PRODUCT MIX MATRIX - 2007-08

Code	Commodity / Industry	121	122	123	124	125	126	127	128	129	130	Total
100	Other transport equipments											
101	Watches and clocks											0.000542
102	Medical, precision&optical instru.s											0.002091
103	Jems & jewelry											0.012863
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing											0.005558
106	Construction											0.115265
107	Electricity											0.017714
108	Water supply											0.001653
109	Railway transport services											0.007478
110	Land tpt including via pipeline											0.061836
111	Water transport											0.001605
112	Air transport											0.002533
113	Supporting and aux. tpt activities											0.004194
114	Storage and warehousing											
115	Communication											0.009111
116	Trade											0.092215
117	Hotels and restaurants											0.024434
118	Banking											0.025266
119	Insurance											0.006312
120	Ownership of dwellings											0.025784
121	Education and research	1.000000										0.019152
122	Medical and health		1.000000									0.012041
123	Business services			1.000000								0.008150
124	Computer & related activities				1.000000							0.018528
125	Legal services					1.000000						0.001735
126	Real estate activities	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000					0.001639
127	Renting of machinery & equipment							1.000000				
128	O.com, social&personal services								1.000000			0.011208
129	Other services									1.000000		0.002938
130	Public administration										1.000000	0.024198
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5: MARKET SHARE MATRIX
'D' MATRIX

2007-08

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	1	2	3	4	5	6	7	8	9	10
1	Paddy		0.989144	0.003015				0.005279	0.014268		0.000746	
2	Wheat		0.004818	0.968664					0.017076			
3	Jowar				0.996506							
4	Bajra					0.999804						
5	Maize						0.995106					
6	Gram							0.992481	0.000517			
7	Pulses		0.002999	0.003729				0.001614	0.927212			
8	Sugarcane									1.000000		
9	Groundnut										0.991541	
10	Coconut											0.999502
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops		0.001325	0.006563	0.002975				0.027094		0.000585	
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)							0.001414		0.007118	
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products	0.001715	0.018029	0.000519		0.004875		0.012419			
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles										
52	Carpet weaving										
53	Readymade garments										
54	Miscellaneous textile products										
55	Furniture and fixtures-wooden										
56	Wood and wood products										
57	Paper, paper prods. & newsprint										
58	Printing and publishing										
59	Leather footwear										
60	Leather and leather products										
61	Rubber products										
62	Plastic products										
63	Petroleum products										
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10
67	Fertilizers										
68	Pesticides										
69	Paints, varnishes and lacquers										
70	Drugs and medicines										
71	Soaps, cosmetics & glycerin										
72	Synthetic fibers, resin										
73	Other chemicals										
74	Structural clay products										
75	Cement										
76	Other non-metallic mineral prods.										
77	Iron, steel and ferro alloys										
78	Iron and steel casting & forging										
79	Iron and steel foundries										
80	Non-ferrous basic metals										
81	Hand tools, hardware										
82	Miscellaneous metal products										
83	Tractors and agri. implements										
84	Industrial machinery(F & T)										
85	Industrial machinery(others)										
86	Machine tools										
87	Other non-electrical machinery										
88	Electrical industrial Machinery										
89	Electrical wires & cables										
90	Batteries										
91	Electrical appliances										
92	Communication equipments										
93	Other electrical Machinery										
94	Electronic equipments(incl.TV)										
95	Ships and boats										
96	Rail equipments										
97	Motor vehicles										
98	Motor cycles and scooters										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	11	12	13	14	15	16	17	18	19	20
1	Paddy											0.130063
2	Wheat										0.003896	0.163673
3	Jowar											0.031756
4	Bajra											0.015628
5	Maize											0.020381
6	Gram											0.007284
7	Pulses											0.009881
8	Sugarcane											0.018891
9	Groundnut											0.014247
10	Coconut											
11	Other oilseeds		0.934954									
12	Jute			1.000000								0.001458
13	Cotton				0.999248							0.006761
14	Tea					1.000000						
15	Coffee						1.000000					
16	Rubber							1.000000				
17	Tobacco								1.000000			
18	Fruits									1.000000		
19	Vegetables										0.993602	
20	Other crops		0.007902								0.002061	0.579975
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	11	12	13	14	15	16	17	18	19	20
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)	0.057104		0.000752							
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products										
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles										
52	Carpet weaving										
53	Readymade garments										
54	Miscellaneous textile products										
55	Furniture and fixtures-wooden										
56	Wood and wood products										
57	Paper, paper prods. & newsprint										
58	Printing and publishing										
59	Leather footwear										
60	Leather and leather products										
61	Rubber products										
62	Plastic products										
63	Petroleum products										
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry \ Commodity	11	12	13	14	15	16	17	18	19	20
67	Fertilizers										
68	Pesticides										
69	Paints, varnishes and lacquers										
70	Drugs and medicines										
71	Soaps, cosmetics & glycerin										
72	Synthetic fibers, resin										
73	Other chemicals										
74	Structural clay products										
75	Cement										
76	Other non-metallic mineral prods.										
77	Iron, steel and ferro alloys										
78	Iron and steel casting & forging										
79	Iron and steel foundries										
80	Non-ferrous basic metals										
81	Hand tools, hardware										
82	Miscellaneous metal products										
83	Tractors and agri. implements										
84	Industrial machinery(F & T)										
85	Industrial machinery(others)										
86	Machine tools										
87	Other non-electrical machinery										
88	Electrical industrial Machinery										
89	Electrical wires & cables										
90	Batteries										
91	Electrical appliances										
92	Communication equipments										
93	Other electrical Machinery										
94	Electronic equipments(incl.TV)										
95	Ships and boats										
96	Rail equipments										
97	Motor vehicles										
98	Motor cycles and scooters										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	11	12	13	14	15	16	17	18	19	20
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	21	22	23	24	25	26	27	28	29	30
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products		0.999999									
22	Animal services(agricultural)			1.000000								
23	Poultry & Eggs				1.000000							
24	Other liv.st. produ.					1.000000						
25	Forestry and logging						0.999999					
26	Fishing							1.000000				
27	Coal and lignite								1.000000			
28	Natural gas									0.999961		
29	Crude petroleum										1.000000	
30	Iron ore											1.000000
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	21	22	23	24	25	26	27	28	29	30
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products										
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles										
52	Carpet weaving										
53	Readymade garments										
54	Miscellaneous textile products										
55	Furniture and fixtures-wooden										
56	Wood and wood products										
57	Paper, paper prods. & newsprint										
58	Printing and publishing										
59	Leather footwear										
60	Leather and leather products										
61	Rubber products										
62	Plastic products										
63	Petroleum products										
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	21	22	23	24	25	26	27	28	29	30
67	Fertilizers										
68	Pesticides										
69	Paints, varnishes and lacquers										
70	Drugs and medicines										
71	Soaps, cosmetics & glycerin										
72	Synthetic fibers, resin										
73	Other chemicals										
74	Structural clay products										
75	Cement										
76	Other non-metallic mineral prods.										
77	Iron, steel and ferro alloys										
78	Iron and steel casting & forging										
79	Iron and steel foundries										
80	Non-ferrous basic metals										
81	Hand tools, hardware										
82	Miscellaneous metal products										
83	Tractors and agri. implements										
84	Industrial machinery(F & T)										
85	Industrial machinery(others)										
86	Machine tools										
87	Other non-electrical machinery										
88	Electrical industrial Machinery										
89	Electrical wires & cables										
90	Batteries										
91	Electrical appliances										
92	Communication equipments										
93	Other electrical Machinery										
94	Electronic equipments(incl.TV)										
95	Ships and boats										
96	Rail equipments										
97	Motor vehicles										
98	Motor cycles and scooters										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	21	22	23	24	25	26	27	28	29	30
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	31	32	33	34	35	36	37	38	39	40
1	Paddy											
2	Wheat									0.006381		
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore		0.999934									
32	Bauxite			0.804272								
33	Copper ore				1.000000							

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	31	32	33	34	35	36	37	38	39	40
34	Other metallic minerals				0.993112						
35	Lime stone					0.981771					
36	Mica						1.000000				
37	Other non metallic minerals							0.999927			
38	Sugar								0.885075	0.600381	
39	Khandsari, boora								0.103343	0.382625	
40	Hydrogenated oil(vanaspati)										0.995326
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products								0.004529	0.014201	0.004674
44	Beverages								0.000674	0.002441	
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles										
52	Carpet weaving										
53	Readymade garments										
54	Miscellaneous textile products										
55	Furniture and fixtures-wooden										
56	Wood and wood products										
57	Paper, paper prods. & newsprint										
58	Printing and publishing										
59	Leather footwear										
60	Leather and leather products										
61	Rubber products										
62	Plastic products										
63	Petroleum products										
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	31	32	33	34	35	36	37	38	39	40
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products			0.195542								
75	Cement						0.001474					
76	Other non-metallic mineral prods.					0.006879	0.016755					
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	31	32	33	34	35	36	37	38	39	40
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	41	42	43	44	45	46	47	48	49	50
1	Paddy		0.035235		0.011929	0.004165						
2	Wheat		0.006382		0.015259							
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses				0.007337							
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops		0.001789		0.002343							
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	41	42	43	44	45	46	47	48	49	50
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora				0.001580	0.020674						
40	Hydrogenated oil(vanaspati)		0.140088		0.008234							
41	Edible oils other than vanaspati		0.795889		0.001058							
42	Tea and coffee processing			0.988523	0.005045							
43	Miscellaneous food products		0.020114	0.011473	0.925083	0.010535						
44	Beverages				0.004403	0.948614						
45	Tobacco products				0.003137		0.999996					
46	Khadi, cotton textiles(handlooms)							0.998392	0.051961			
47	Cotton textiles							0.001043	0.899702	0.294474	0.003865	0.174487
48	Woolen textiles							0.001320	0.679193	0.007194	0.000881	
49	Silk textiles							0.006315	0.001559	0.611221	0.039686	
50	Art silk, synthetic fiber textiles							0.026677	0.006277	0.008870	0.605136	
51	Jute, hemp, mesta textiles											0.023724
52	Carpet weaving								0.016072			0.006376
53	Readymade garments											
54	Miscellaneous textile products							0.000566	0.008703	0.001879	0.368851	0.022804
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products											0.001154
62	Plastic products											0.039349
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	41	42	43	44	45	46	47	48	49	50
67	Fertilizers											
68	Pesticides											0.001957
69	Paints, varnishes and lacquers											
70	Drugs and medicines			0.002241	0.015982							
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											0.083624
73	Other chemicals			0.011998								
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.									0.000547		
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											
98	Motor cycles and scooters											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	41	42	43	44	45	46	47	48	49	50
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s							0.004195			
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing										
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	51	52	53	54	55	56	57	58	59	60
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	51	52	53	54	55	56	57	58	59	60
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products										
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)				0.057189						
47	Cotton textiles	0.030281	0.007820	0.027471	0.222444						
48	Woolen textiles		0.017447	0.017039							
49	Silk textiles	0.000653		0.000646	0.009865						
50	Art silk, synthetic fiber textiles	0.002101		0.047516	0.119661						
51	Jute, hemp, mesta textiles	0.843746	0.130798	0.001317	0.001981						
52	Carpet weaving	0.027002	0.607549	0.014146	0.019960						0.000603
53	Readymade garments			0.784961		0.001096					0.057344
54	Miscellaneous textile products	0.054364	0.235659	0.096891	0.508024					0.000756	
55	Furniture and fixtures-wooden	0.013651		0.000704	0.002855	0.632156					
56	Wood and wood products				0.000725	0.358350	0.940652	0.000987			
57	Paper, paper prods. & newsprint					0.001971	0.019315	0.872302	0.097878		
58	Printing and publishing						0.002844	0.105374	0.894032		
59	Leather footwear				0.017726					0.816756	0.190884
60	Leather and leather products				0.005535					0.164741	0.697827
61	Rubber products				0.010427					0.017743	0.008015
62	Plastic products			0.008204	0.016798	0.001662	0.007223	0.016487	0.001275		0.008090
63	Petroleum products										
64	Coal tar products										
65	Inorganic heavy chemicals						0.002125				
66	Organic heavy chemicals						0.001818				

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	51	52	53	54	55	56	57	58	59	60
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines		0.024119			0.002830						
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin								0.001384			
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products						0.001088					
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											0.003157
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments											
97	Motor vehicles											0.010077
98	Motor cycles and scooters											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	51	52	53	54	55	56	57	58	59	60
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s	0.001602			0.001728						
103	Jems & jewelry										
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.001431			0.001957	0.003455	0.024630	0.002213	0.006465		0.023153
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	61	62	63	64	65	66	67	68	69	70
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	61	62	63	64	65	66	67	68	69	70
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar						0.006695				
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products					0.001261	0.004463				0.013305
44	Beverages						0.034933				
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles		0.004463								
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles		0.006119			0.004696					
51	Jute, hemp, mesta textiles										
52	Carpet weaving	0.001879									
53	Readymade garments	0.022919									
54	Miscellaneous textile products	0.010432	0.004904			0.002025	0.006904				
55	Furniture and fixtures-wooden					0.001086	0.000506				
56	Wood and wood products	0.000925	0.012324				0.005558				
57	Paper, paper prods. & newsprint		0.017318			0.002620			0.001362		
58	Printing and publishing		0.015478								
59	Leather footwear	0.069734	0.025280								
60	Leather and leather products		0.001496							0.004529	
61	Rubber products	0.692439	0.008925			0.004852	0.001199				
62	Plastic products	0.015515	0.703404			0.038645	0.055062		0.009125	0.064035	
63	Petroleum products			0.991292	0.290298	0.013931	0.155723	0.104435		0.007930	
64	Coal tar products			0.000953	0.688568	0.039249					
65	Inorganic heavy chemicals		0.006089		0.001326	0.225521	0.131157	0.002649	0.104518	0.104607	0.010995
66	Organic heavy chemicals		0.005208		0.001134	0.194728	0.275571	0.002266	0.054023	0.070913	0.009405

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	61	62	63	64	65	66	67	68	69	70
67	Fertilizers		0.015631				0.215789	0.068062	0.885060	0.022910		
68	Pesticides						0.009958	0.017134	0.001654	0.594476	0.001279	0.000930
69	Paints, varnishes and lacquers		0.001557				0.013273	0.015575		0.026270	0.651236	
70	Drugs and medicines			0.004450			0.009698	0.029762		0.007230		0.946994
71	Soaps, cosmetics & glycerin						0.011773	0.032146	0.003083	0.082510	0.010559	0.007085
72	Synthetic fibers, resin		0.013784	0.108314	0.002595		0.120591	0.095253		0.004917	0.014291	0.000663
73	Other chemicals		0.001355	0.012921	0.004260		0.061925	0.059701		0.076675	0.036901	0.004138
74	Structural clay products						0.015097	0.001495				
75	Cement						0.002034					
76	Other non-metallic mineral prods.		0.001935	0.002233		0.017807	0.003056	0.000752				
77	Iron, steel and ferro alloys						0.006477					
78	Iron and steel casting & forging			0.000627								
79	Iron and steel foundries		0.002021	0.012374								
80	Non-ferrous basic metals		0.001381	0.002111							0.007411	
81	Hand tools, hardware			0.000915								
82	Miscellaneous metal products		0.003455	0.006562								
83	Tractors and agri. implements		0.000571	0.001080								
84	Industrial machinery(F & T)											
85	Industrial machinery(others)			0.000501								
86	Machine tools											
87	Other non-electrical machinery		0.005053	0.000517						0.015802		
88	Electrical industrial Machinery			0.002179								
89	Electrical wires & cables		0.002936	0.002733							0.004949	
90	Batteries											
91	Electrical appliances		0.000708	0.003175								
92	Communication equipments			0.000538								
93	Other electrical Machinery			0.000628								
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments		0.037784									
97	Motor vehicles		0.066476	0.005038								
98	Motor cycles and scooters		0.009935	0.001777							0.000694	

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	61	62	63	64	65	66	67	68	69	70
99	Bicycles, cycle-rickshaw	0.002585									
100	Other transport equipments	0.002653									
101	Watches and clocks										
102	Medical, precision&optical instru.s	0.008218	0.009593								0.005661
103	Jems & jewelry					0.000743					
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.006207	0.009633							0.018259	
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	71	72	73	74	75	76	77	78	79	80
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	71	72	73	74	75	76	77	78	79	80
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)		0.002051									
41	Edible oils other than vanaspati		0.002216									
42	Tea and coffee processing											
43	Miscellaneous food products		0.001976		0.034048							
44	Beverages				0.003093							
45	Tobacco products		0.001844									
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles			0.007065								
48	Woolen textiles											
49	Silk textiles			0.002361								
50	Art silk, synthetic fiber textiles			0.058172	0.000688							
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments			0.006300								
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden			0.062905							0.000748	
56	Wood and wood products			0.003959							0.000658	
57	Paper, paper prods. & newsprint				0.005505							
58	Printing and publishing			0.001132								
59	Leather footwear											
60	Leather and leather products				0.000564							
61	Rubber products				0.002327							
62	Plastic products			0.047649	0.044806			0.002134				
63	Petroleum products			0.020313	0.023379							
64	Coal tar products											
65	Inorganic heavy chemicals		0.029162	0.003206	0.029737			0.000765				
66	Organic heavy chemicals		0.024945	0.002742	0.015128			0.000655				

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	71	72	73	74	75	76	77	78	79	80
67	Fertilizers			0.013224	0.000535			0.000558				
68	Pesticides				0.057415			0.000981				
69	Paints, varnishes and lacquers			0.008384	0.007569							
70	Drugs and medicines		0.005920		0.032026			0.004053				
71	Soaps, cosmetics & glycerin		0.905806		0.020989							
72	Synthetic fibers, resin		0.004791	0.682740	0.037562							
73	Other chemicals		0.005558	0.070265	0.608998							0.002790
74	Structural clay products					0.868640	0.004957	0.030480				
75	Cement					0.085742	0.991457	0.021229				
76	Other non-metallic mineral prods.			0.003900	0.015387	0.037497	0.003540	0.836740			0.002786	
77	Iron, steel and ferro alloys							0.013462	0.980353	0.276641	0.326095	0.025145
78	Iron and steel casting & forging							0.001105	0.001773	0.615119	0.082308	0.003163
79	Iron and steel foundries				0.002837			0.018114	0.014525	0.039401	0.349432	0.001666
80	Non-ferrous basic metals							0.040003	0.002012	0.011484	0.041384	0.894138
81	Hand tools, hardware									0.002953	0.020823	0.012790
82	Miscellaneous metal products			0.001203				0.008496		0.005467	0.119521	0.006147
83	Tractors and agri. implements									0.003974	0.001064	
84	Industrial machinery(F & T)									0.004513	0.000763	
85	Industrial machinery(others)									0.001459	0.001182	0.000541
86	Machine tools									0.001763	0.007454	0.007260
87	Other non-electrical machinery									0.008000	0.011390	0.005222
88	Electrical industrial Machinery				0.000772					0.000937		0.002325
89	Electrical wires & cables				0.007066						0.000866	0.017703
90	Batteries											0.000573
91	Electrical appliances					0.005360						
92	Communication equipments											
93	Other electrical Machinery							0.011984		0.003532	0.015359	0.000955
94	Electronic equipments(incl.TV)											
95	Ships and boats											
96	Rail equipments									0.004142	0.006906	
97	Motor vehicles					0.002271				0.014382	0.006854	0.009686
98	Motor cycles and scooters									0.001650		0.002586

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	71	72	73	74	75	76	77	78	79	80
99	Bicycles, cycle-rickshaw								0.003643	0.001408	
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s			0.039771			0.003322				
103	Jems & jewelry										0.004515
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.014209	0.003122	0.008616			0.003501			0.001317	0.000667
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	81	82	83	84	85	86	87	88	89	90
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	81	82	83	84	85	86	87	88	89	90
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati										
42	Tea and coffee processing										
43	Miscellaneous food products										
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles										
52	Carpet weaving										
53	Readymade garments										
54	Miscellaneous textile products										
55	Furniture and fixtures-wooden	0.001674			0.001530		0.020751				
56	Wood and wood products	0.001447		0.001469							
57	Paper, paper prods. & newsprint		0.000581								
58	Printing and publishing		0.001249								
59	Leather footwear										
60	Leather and leather products										
61	Rubber products			0.000504							
62	Plastic products		0.003315	0.000565			0.015025	0.000616		0.003263	
63	Petroleum products		0.002007								
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	81	82	83	84	85	86	87	88	89	90
67	Fertilizers				0.001054							
68	Pesticides			0.001071								
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals						0.000967					
74	Structural clay products			0.002031								
75	Cement											
76	Other non-metallic mineral prods.			0.003581			0.005263	0.006526	0.001976			
77	Iron, steel and ferro alloys	0.002009	0.122069					0.000788	0.000652			
78	Iron and steel casting & forging	0.000614	0.035197	0.000779				0.012158	0.011990			
79	Iron and steel foundries	0.002655	0.071384	0.002856	0.000623	0.011167	0.010596	0.012980	0.003841	0.000678		
80	Non-ferrous basic metals	0.001275	0.229220					0.001855	0.000914			
81	Hand tools, hardware	0.642936	0.011398	0.006393	0.001485	0.006144	0.060494	0.000591				
82	Miscellaneous metal products	0.276508	0.388008	0.051360	0.025292	0.002754	0.033461	0.045024	0.069064	0.002347		
83	Tractors and agri. implements		0.003083	0.830380	0.010041	0.000543	0.017713	0.005798				0.041786
84	Industrial machinery(F & T)		0.006043	0.017299	0.674248	0.012310	0.061384	0.032430	0.048277			
85	Industrial machinery(others)	0.003979	0.006692	0.004738	0.039082	0.367045	0.033862	0.044524				
86	Machine tools	0.004322	0.009524	0.018921	0.055183	0.520524	0.350183	0.060265				
87	Other non-electrical machinery	0.008865	0.024488	0.025871	0.178605	0.050517	0.074544	0.700623	0.126769	0.038782	0.001487	
88	Electrical industrial Machinery	0.002185	0.009740	0.000900			0.003607	0.004890	0.579555	0.131348	0.009851	
89	Electrical wires & cables		0.005042							0.000980	0.803366	
90	Batteries											0.937324
91	Electrical appliances		0.003165						0.001350			
92	Communication equipments		0.001811				0.001002	0.019593	0.004280	0.001301	0.001154	
93	Other electrical Machinery	0.000873	0.001369	0.005437		0.004727	0.031520	0.008319	0.122714	0.001765	0.005297	
94	Electronic equipments(incl.TV)		0.001242		0.001066			0.004217				
95	Ships and boats											
96	Rail equipments	0.003521	0.002575		0.001329		0.024648	0.002599	0.006249	0.012188	0.002084	
97	Motor vehicles	0.028448	0.015217	0.027103	0.008852	0.000776	0.125337	0.011299	0.017947	0.004240	0.000715	
98	Motor cycles and scooters	0.015930	0.010900	0.003822			0.017807	0.006299				

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	81	82	83	84	85	86	87	88	89	90
99	Bicycles, cycle-rickshaw		0.003763					0.001067			
100	Other transport equipments		0.001861				0.002233	0.005896	0.002937		
101	Watches and clocks		0.001587								
102	Medical, precision&optical instru.s		0.003219			0.010860		0.001603	0.000594		
103	Jems & jewelry		0.002603				0.001981				
104	Aircraft & spacecraft										
105	Miscellaneous manufacturing	0.001635	0.013450		0.002004	0.005384	0.090084	0.013931	0.013862		
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	91	92	93	94	95	96	97	98	99	100
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	91	92	93	94	95	96	97	98	99	100
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar											
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products											
44	Beverages											
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden						0.000538					0.002391
56	Wood and wood products							0.002945				0.010905
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products							0.015429	0.001273			
62	Plastic products	0.002302		0.002149	0.001351							
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	91	92	93	94	95	96	97	98	99	100
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.				0.024438			0.138802				
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging				0.000687			0.065152	0.003070	0.002368	0.019940	
79	Iron and steel foundries	0.011660	0.063204		0.024311			0.006196			0.000902	
80	Non-ferrous basic metals				0.212240	0.000501					0.016655	
81	Hand tools, hardware				0.007605							
82	Miscellaneous metal products	0.104710	0.001070		0.034017	0.014213	0.005856	0.004528	0.001506		0.002223	
83	Tractors and agri. implements	0.006089			0.000660				0.008277			0.004849
84	Industrial machinery(F & T)	0.055959			0.002150							
85	Industrial machinery(others)											
86	Machine tools	0.027616					0.002341	0.000919				
87	Other non-electrical machinery	0.033263	0.006546		0.055749	0.014803		0.003917	0.004807			
88	Electrical industrial Machinery	0.014430	0.008075		0.072871	0.027078						
89	Electrical wires & cables	0.001849	0.001918		0.100894							
90	Batteries		0.001490		0.005752							
91	Electrical appliances	0.357522	0.058121		0.078198	0.007152	0.012470	0.002989				
92	Communication equipments	0.256083	0.642628		0.018051	0.272554						
93	Other electrical Machinery	0.067444	0.004428		0.246455	0.010445		0.003522	0.000987			
94	Electronic equipments(incl.TV)	0.000713	0.172804		0.019814	0.564940						
95	Ships and boats						0.959823					
96	Rail equipments	0.003690	0.008520		0.007584		0.000912	0.692973				
97	Motor vehicles	0.016436	0.001501		0.030854	0.004822		0.060739	0.914691	0.013165		
98	Motor cycles and scooters				0.002371				0.008640	0.966631	0.061239	0.585272

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	91	92	93	94	95	96	97	98	99	100
99	Bicycles, cycle-rickshaw				0.000576		0.000899			0.898461	
100	Other transport equipments						0.000759	0.000776	0.016750		0.395787
101	Watches and clocks										
102	Medical, precision&optical instru.s	0.002230		0.007328	0.003277						
103	Jems & jewelry										
104	Aircraft & spacecraft			0.000799							
105	Miscellaneous manufacturing	0.036287	0.029347	0.044072	0.076841	0.017755		0.053385			
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research										
122	Medical and health										
123	Business services										
124	Computer & related activities										
125	Legal services										
126	Real estate activities										
127	Renting of machinery & equipment										
128	O.com, social&personal services										
129	Other services										
130	Public administration										
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	101	102	103	104	105	106	107	108	109	110
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	101	102	103	104	105	106	107	108	109	110
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar							0.000715			
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati					0.000827					
42	Tea and coffee processing										
43	Miscellaneous food products					0.007240					
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles							0.001009			
51	Jute, hemp, mesta textiles										
52	Carpet weaving			0.000610							
53	Readymade garments					0.001286					
54	Miscellaneous textile products					0.001053					
55	Furniture and fixtures-wooden					0.012005					
56	Wood and wood products					0.010050					
57	Paper, paper prods. & newsprint					0.004782		0.002803			
58	Printing and publishing		0.001557			0.012408					
59	Leather footwear					0.000687					
60	Leather and leather products										
61	Rubber products					0.001294					
62	Plastic products		0.009232			0.010285					
63	Petroleum products							0.001389			
64	Coal tar products										
65	Inorganic heavy chemicals							0.001383			
66	Organic heavy chemicals							0.001183			

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	101	102	103	104	105	106	107	108	109	110
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines			0.008058			0.004664					
71	Soaps, cosmetics & glycerin						0.001540					
72	Synthetic fibers, resin											
73	Other chemicals			0.000555								
74	Structural clay products						0.003647					
75	Cement											
76	Other non-metallic mineral prods.			0.058155			0.013041		0.000705			
77	Iron, steel and ferro alloys								0.005189			
78	Iron and steel casting & forging			0.001567			0.004197					
79	Iron and steel foundries			0.007324			0.003670					
80	Non-ferrous basic metals				0.014566		0.003744		0.001147			
81	Hand tools, hardware						0.000971					
82	Miscellaneous metal products					0.028993	0.232941		0.000892			
83	Tractors and agri. implements											
84	Industrial machinery(F & T)			0.011819			0.000834					
85	Industrial machinery(others)						0.001070					
86	Machine tools			0.003958			0.001191					
87	Other non-electrical machinery			0.009542			0.010349					
88	Electrical industrial Machinery						0.004250					
89	Electrical wires & cables						0.001198					
90	Batteries											
91	Electrical appliances			0.002711			0.000879					
92	Communication equipments						0.002505					
93	Other electrical Machinery						0.003784					
94	Electronic equipments(incl.TV)						0.003199					
95	Ships and boats						0.003977					
96	Rail equipments					0.013901	0.002856					
97	Motor vehicles						0.005291					
98	Motor cycles and scooters						0.000621					

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	101	102	103	104	105	106	107	108	109	110
99	Bicycles, cycle-rickshaw											
100	Other transport equipments						0.001040					
101	Watches and clocks	0.990080					0.001482					
102	Medical, precision&optical instru.s		0.727066				0.008097					
103	Jems & jewelry			0.982040			0.002487					
104	Aircraft & spacecraft				0.955744							
105	Miscellaneous manufacturing	0.009920	0.157630	0.001979	0.001278	0.612649						
106	Construction							0.998842				
107	Electricity								0.981057			
108	Water supply									1.000000		
109	Railway transport services										1.000000	
110	Land tpt including via pipeline											1.000000
111	Water transport											
112	Air transport											
113	Supporting and aux. tpt activities											
114	Storage and warehousing											
115	Communication											
116	Trade											
117	Hotels and restaurants											
118	Banking											
119	Insurance											
120	Ownership of dwellings											
121	Education and research											
122	Medical and health											
123	Business services											
124	Computer & related activities											
125	Legal services											
126	Real estate activities											
127	Renting of machinery & equipment											
128	O.com, social&personal services											
129	Other services											
130	Public administration											
	Total Output		1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	111	112	113	114	115	116	117	118	119	120
1	Paddy							0.000697				
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	111	112	113	114	115	116	117	118	119	120
34	Other metallic minerals										
35	Lime stone										
36	Mica										
37	Other non metallic minerals										
38	Sugar										
39	Khandsari, boora										
40	Hydrogenated oil(vanaspati)										
41	Edible oils other than vanaspati						0.000643				
42	Tea and coffee processing										
43	Miscellaneous food products										
44	Beverages										
45	Tobacco products										
46	Khadi, cotton textiles(handlooms)										
47	Cotton textiles										
48	Woolen textiles										
49	Silk textiles										
50	Art silk, synthetic fiber textiles										
51	Jute, hemp, mesta textiles										
52	Carpet weaving										
53	Readymade garments										
54	Miscellaneous textile products						0.002505				
55	Furniture and fixtures-wooden						0.003114				
56	Wood and wood products						0.002052				
57	Paper, paper prods. & newsprint										
58	Printing and publishing										
59	Leather footwear						0.001481				
60	Leather and leather products										
61	Rubber products										
62	Plastic products						0.001896				
63	Petroleum products						0.000504				
64	Coal tar products										
65	Inorganic heavy chemicals										
66	Organic heavy chemicals										

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	111	112	113	114	115	116	117	118	119	120
67	Fertilizers											
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines							0.001692				
71	Soaps, cosmetics & glycerin							0.000685				
72	Synthetic fibers, resin											
73	Other chemicals							0.001787				
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys							0.001033				
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware							0.000935				
82	Miscellaneous metal products							0.000850				
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools							0.000679				
87	Other non-electrical machinery							0.003050				
88	Electrical industrial Machinery							0.000877				
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments							0.001618				
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)							0.000799				
95	Ships and boats											
96	Rail equipments							0.000698				
97	Motor vehicles							0.015474				
98	Motor cycles and scooters											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	111	112	113	114	115	116	117	118	119	120
99	Bicycles, cycle-rickshaw											
100	Other transport equipments											
101	Watches and clocks											
102	Medical, precision&optical instru.s							0.000669				
103	Jems & jewelry							0.001450				
104	Aircraft & spacecraft											
105	Miscellaneous manufacturing							0.002395				
106	Construction											
107	Electricity											
108	Water supply											
109	Railway transport services											
110	Land tpt including via pipeline											
111	Water transport		1.000000									
112	Air transport			1.000000								
113	Supporting and aux. tpt activities				1.000000							
114	Storage and warehousing					0.999953						
115	Communication						1.000000					
116	Trade							0.944057				
117	Hotels and restaurants								1.000000			
118	Banking									1.000000		
119	Insurance										1.000000	
120	Ownership of dwellings											1.000000
121	Education and research											
122	Medical and health											
123	Business services											
124	Computer & related activities											
125	Legal services											
126	Real estate activities											
127	Renting of machinery & equipment											
128	O.com, social&personal services											
129	Other services											
130	Public administration											
	Total Output		1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	121	122	123	124	125	126	127	128	129	130
1	Paddy											
2	Wheat											
3	Jowar											
4	Bajra											
5	Maize											
6	Gram											
7	Pulses											
8	Sugarcane											
9	Groundnut											
10	Coconut											
11	Other oilseeds											
12	Jute											
13	Cotton											
14	Tea											
15	Coffee											
16	Rubber											
17	Tobacco											
18	Fruits											
19	Vegetables											
20	Other crops											
21	Milk and milk products											
22	Animal services(agricultural)											
23	Poultry & Eggs											
24	Other liv.st. produ.											
25	Forestry and logging											
26	Fishing											
27	Coal and lignite											
28	Natural gas											
29	Crude petroleum											
30	Iron ore											
31	Manganese ore											
32	Bauxite											
33	Copper ore											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	121	122	123	124	125	126	127	128	129	130
34	Other metallic minerals											
35	Lime stone											
36	Mica											
37	Other non metallic minerals											
38	Sugar								0.001842			
39	Khandsari, boora											
40	Hydrogenated oil(vanaspati)											
41	Edible oils other than vanaspati											
42	Tea and coffee processing											
43	Miscellaneous food products								0.001143			
44	Beverages								0.020481			
45	Tobacco products											
46	Khadi, cotton textiles(handlooms)											
47	Cotton textiles											
48	Woolen textiles											
49	Silk textiles											
50	Art silk, synthetic fiber textiles											
51	Jute, hemp, mesta textiles											
52	Carpet weaving											
53	Readymade garments											
54	Miscellaneous textile products											
55	Furniture and fixtures-wooden											
56	Wood and wood products											
57	Paper, paper prods. & newsprint											
58	Printing and publishing											
59	Leather footwear											
60	Leather and leather products											
61	Rubber products								0.000536			
62	Plastic products								0.000586			
63	Petroleum products											
64	Coal tar products											
65	Inorganic heavy chemicals											
66	Organic heavy chemicals											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry	Commodity	121	122	123	124	125	126	127	128	129	130
67	Fertilizers								0.004530			
68	Pesticides											
69	Paints, varnishes and lacquers											
70	Drugs and medicines											
71	Soaps, cosmetics & glycerin											
72	Synthetic fibers, resin											
73	Other chemicals											
74	Structural clay products											
75	Cement											
76	Other non-metallic mineral prods.											
77	Iron, steel and ferro alloys											
78	Iron and steel casting & forging											
79	Iron and steel foundries											
80	Non-ferrous basic metals											
81	Hand tools, hardware											
82	Miscellaneous metal products											
83	Tractors and agri. implements											
84	Industrial machinery(F & T)											
85	Industrial machinery(others)											
86	Machine tools											
87	Other non-electrical machinery											
88	Electrical industrial Machinery											
89	Electrical wires & cables											
90	Batteries											
91	Electrical appliances											
92	Communication equipments											
93	Other electrical Machinery											
94	Electronic equipments(incl.TV)											
95	Ships and boats								0.000728			
96	Rail equipments											
97	Motor vehicles								0.003309			
98	Motor cycles and scooters											

MATRIX 5 - MARKET SHARE MATRIX - 2007-08

Sector/ Code	Industry / Commodity	121	122	123	124	125	126	127	128	129	130
99	Bicycles, cycle-rickshaw										
100	Other transport equipments										
101	Watches and clocks										
102	Medical, precision&optical instru.s										
103	Jems & jewelry										
104	Aircraft & spacecraft							0.052311			
105	Miscellaneous manufacturing									0.002680	
106	Construction										
107	Electricity										
108	Water supply										
109	Railway transport services										
110	Land tpt including via pipeline										
111	Water transport										
112	Air transport										
113	Supporting and aux. tpt activities										
114	Storage and warehousing										
115	Communication										
116	Trade										
117	Hotels and restaurants										
118	Banking										
119	Insurance										
120	Ownership of dwellings										
121	Education and research	1.000000									
122	Medical and health		1.000000								
123	Business services			1.000000							
124	Computer & related activities				1.000000						
125	Legal services					1.000000					
126	Real estate activities						1.000000				
127	Renting of machinery & equipment							0.913291			
128	O.com, social&personal services								1.000000		
129	Other services									0.995673	
130	Public administration										1.000000
	Total Output	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

MATRIX 6: INPUT – OUTPUT MATRIX (COMMODITY X COMMODITY)

2007-08

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	1	2	3	4	5	6	7	8	9	10
1	Paddy	6155546	47408	84	4	162	56864	107827	0	2547	0
2	Wheat	213804	1924525	38	6	253	141	124082	0	32	0
3	Jowar	86	515	23915	0	17	1	192	0	0	0
4	Bajra	94	559	1	9022	18	2	208	0	0	0
5	Maize	202	1202	3	1	27306	3	458	0	3	0
6	Gram	1278	114514	17	0	15	118778	5223	0	14	0
7	Pulses	61224	45695	14	3	110	2812	1498631	0	19	0
8	Sugarcane	1011	11236	10	4	159	13	1923	239214	83	0
9	Groundnut	27	160	0	0	5	0	608	0	219544	60
10	Coconut	6	36	0	0	1	0	49	0	66	5693
11	Other oilseeds	258	1540	3	1	50	4	2770	0	3987	131
12	Jute	0	0	0	0	0	0	0	0	0	0
13	Cotton	0	0	0	0	0	0	15	0	27	1
14	Tea	22	131	0	0	4	0	49	0	0	0
15	Coffee	17	103	0	0	3	0	38	0	0	0
16	Rubber	11	63	0	0	2	0	24	0	0	0
17	Tobacco	0	0	0	0	0	0	0	0	0	0
18	Fruits	5794	34534	68	26	1124	95	12867	0	3	0
19	Vegetables	101	602	1	0	20	2	226	0	3	0
20	Other crops	16805	44324	2939	1	69	292	94169	0	1321	5
21	Milk and milk products	2413	14381	28	11	468	40	5357	0	0	0
22	Animal services(agricultural)	754020	136401	191800	55980	124766	72895	293165	67460	125017	0
23	Poultry & Eggs	42	250	0	0	8	1	93	0	0	0
24	Other liv.st. produ.	221614	30374	46052	24894	96346	1338	33751	39688	58153	94714
25	Forestry and logging	7	40	0	0	1	0	15	0	0	0
26	Fishing	1414	8430	17	6	274	23	3141	0	0	0
27	Coal and lignite	18	106	0	0	3	0	46	0	12	0
28	Natural gas	0	0	0	0	0	0	0	0	0	0
29	Crude petroleum	0	0	0	0	0	0	0	0	0	0
30	Iron ore	0	0	0	0	0	0	0	0	0	0
31	Manganese ore	0	0	0	0	0	0	0	0	0	0
32	Bauxite	0	0	0	0	0	0	0	0	0	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	0	0	0	0	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs									
Sector/ Code	Commodity \ Commodity	1	2	3	4	5	6	7	8	9	10
35	Lime stone	0	0	0	0	0	0	0	0	0	0
36	Mica	0	0	0	0	0	0	0	0	0	0
37	Other non metallic minerals	3	18	0	0	1	0	7	0	0	0
38	Sugar	567	3378	7	3	110	9	1260	0	3	0
39	Khandsari, boora	341	2031	4	2	66	6	757	0	0	0
40	Hydrogenated oil(vanaspati)	123	734	1	1	24	2	705	0	782	3
41	Edible oils other than vanaspati	656	3908	8	3	127	11	2848	0	2525	27
42	Tea and coffee processing	10	58	0	0	2	0	22	0	0	0
43	Miscellaneous food products	40885	14167	28	11	459	54	5755	0	604	1
44	Beverages	9	53	0	0	2	0	20	0	0	0
45	Tobacco products	0	0	0	0	0	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)	0	0	0	0	0	0	0	0	0	0
47	Cotton textiles	0	0	0	0	0	0	1	0	2	0
48	Woolen textiles	0	0	0	0	0	0	0	0	0	0
49	Silk textiles	0	0	0	0	0	0	0	0	0	0
50	Art silk, synthetic fiber textiles	0	0	0	0	0	0	0	0	0	0
51	Jute, hemp, mesta textiles	85726	41988	10	0	4	38	10416	0	15	0
52	Carpet weaving	0	0	0	0	0	0	0	0	0	0
53	Readymade garments	866	750	59	60	109	90	68	204	69	0
54	Miscellaneous textile products	50	298	1	0	10	1	114	0	6	0
55	Furniture and fixtures-wooden	923	784	63	64	116	96	66	218	74	0
56	Wood and wood products	134	801	2	1	26	2	429	0	237	1
57	Paper, paper prods. & newsprint	1382	3650	68	65	206	102	1232	212	238	2
58	Printing and publishing	1569	1317	108	110	198	165	107	371	125	0
59	Leather footwear	0	0	0	0	0	0	0	0	0	0
60	Leather and leather products	0	0	0	0	0	0	0	0	0	0
61	Rubber products	47	39	3	4	6	5	3	11	4	0
62	Plastic products	166	992	2	1	32	3	400	0	54	1
63	Petroleum products	281805	116805	17545	25543	26700	32930	61706	21284	23459	5951
64	Coal tar products	0	0	0	0	0	0	0	0	0	0
65	Inorganic heavy chemicals	85	504	1	0	16	1	205	0	32	0
66	Organic heavy chemicals	34	205	0	0	7	1	81	0	9	0
67	Fertilizers	889039	615898	56322	41287	115221	47221	118227	231417	75075	24613
68	Pesticides	107506	97842	41	18	114	589	3763	432	567	44338

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs									
Sector/ Code	Commodity \ Commodity	1	2	3	4	5	6	7	8	9	10
69	Paints, varnishes and lacquers	1	6	0	0	0	0	2	0	0	0
70	Drugs and medicines	31	186	0	0	6	1	69	0	0	0
71	Soaps, cosmetics & glycerin	1	8	0	0	0	0	6	0	6	0
72	Synthetic fibers, resin	0	0	0	0	0	0	0	0	0	0
73	Other chemicals	83	492	1	0	16	1	257	0	133	4
74	Structural clay products	0	0	0	0	0	0	0	0	0	0
75	Cement	0	0	0	0	0	0	0	0	0	0
76	Other non-metallic mineral prods.	66	396	1	0	13	1	147	0	0	0
77	Iron, steel and ferro alloys	0	0	0	0	0	0	0	0	0	0
78	Iron and steel casting & forging	0	0	0	0	0	0	0	0	0	0
79	Iron and steel foundries	0	0	0	0	0	0	0	0	0	0
80	Non-ferrous basic metals	0	0	0	0	0	0	0	0	0	0
81	Hand tools, hardware	0	0	0	0	0	0	0	0	0	0
82	Miscellaneous metal products	25	149	0	0	5	0	56	0	2	0
83	Tractors and agri. implements	33227	36069	631	561	651	516	1791	972	438	0
84	Industrial machinery(F & T)	17376	7691	1	0	15	8	327	0	15	0
85	Industrial machinery(others)	0	0	0	0	0	0	0	0	0	0
86	Machine tools	0	3	0	0	0	0	1	0	0	0
87	Other non-electrical machinery	14	32	0	0	2	1	9	3	1	0
88	Electrical industrial Machinery	0	0	0	0	0	0	0	0	0	0
89	Electrical wires & cables	0	0	0	0	0	0	0	0	0	0
90	Batteries	10	7	0	1	1	1	1	2	1	0
91	Electrical appliances	311	261	21	22	38	33	21	74	24	0
92	Communication equipments	0	0	0	0	0	0	0	0	0	0
93	Other electrical Machinery	0	0	0	0	0	0	0	0	0	0
94	Electronic equipments(incl.TV)	1026	861	71	71	129	108	70	242	82	0
95	Ships and boats	0	0	0	0	0	0	0	0	0	0
96	Rail equipments	0	0	0	0	0	0	0	0	0	0
97	Motor vehicles	1558	1307	107	109	196	163	105	370	125	0
98	Motor cycles and scooters	0	0	0	0	0	0	0	0	0	0
99	Bicycles, cycle-rickshaw	0	0	0	0	0	0	0	0	0	0
100	Other transport equipments	442	359	138	115	93	66	366	96	66	0
101	Watches and clocks	0	0	0	0	0	0	0	0	0	0
102	Medical, precision&optical instru.s	0	0	0	0	0	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs									
Sector/ Code	Commodity \ Commodity	1	2	3	4	5	6	7	8	9	10
103	Jems & jewelry	0	0	0	0	0	0	0	0	0	0
104	Aircraft & spacecraft	0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing	244	233	17	17	31	25	29	57	19	0
106	Construction	164518	113727	6529	6356	10036	8178	11203	17743	6445	0
107	Electricity	454102	280122	5354	12109	28169	17969	17076	58333	11091	4
108	Water supply	1896	1607	130	132	239	198	136	447	151	0
109	Railway transport services	78064	17738	1160	850	2145	1560	7205	4056	1427	432
110	Land tpt including via pipeline	283589	131954	14636	9215	27022	10330	61835	31739	19924	16059
111	Water transport	31087	11544	329	360	592	669	2602	716	493	301
112	Air transport	1081	1809	126	122	220	181	352	408	148	0
113	Supporting and aux. tpt activities	33726	15275	1260	787	2272	1066	6456	3122	1748	1187
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	2344	2747	152	154	305	232	507	519	212	0
116	Trade	979529	439594	21763	9674	26153	28013	409337	117753	39061	25898
117	Hotels and restaurants	2046	1718	139	142	258	214	139	484	164	0
118	Banking	201126	157946	22096	22529	26855	39708	40569	52144	31779	31527
119	Insurance	5616	4120	2	1	32	5	1801	0	22	6714
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	393	329	28	27	50	40	27	94	31	0
122	Medical and health	0	0	0	0	0	0	0	0	0	0
123	Business services	2959	3929	202	208	416	313	745	698	243	0
124	Computer & related activities	47	259	1	0	8	1	112	1	30	1
125	Legal services	2	14	0	0	0	0	6	0	2	0
126	Real estate activities	105	89	9	8	14	11	7	26	9	0
127	Renting of machinery & equipment	22	26	2	2	4	3	6	6	5	0
128	O.com, social&personal services	66	370	1	0	12	1	137	2	0	0
129	Other services	1415	1225	95	99	178	148	134	333	154	0
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	11145891	4557552	414268	220802	520920	444392	2956773	890950	628765	257671
	NIT	-1009911	-706714	-14220	-6223	-32168	-19883	-80091	-113670	-40822	-3612
	Total Input+NIT	10135980	3850839	400048	214578	488752	424509	2876682	777281	587943	254059
	GVA	9141856	7076881	350632	543949	826231	969321	3033404	2972553	1540554	461836
	Total Output	19277836	10927720	750681	758528	1314983	1393829	5910086	3749834	2128497	715895

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	11	12	13	14	15	16	17	18	19	20
1	Paddy	1319	0	0	0	0	0	0	0	6091	689177
2	Wheat	438	0	0	0	0	0	0	0	53604	411159
3	Jowar	0	0	0	0	0	0	0	0	0	11248
4	Bajra	0	0	0	0	0	0	0	0	0	2060
5	Maize	49	0	0	0	0	0	0	0	1	5131
6	Gram	335	0	1	0	0	0	0	0	486	71738
7	Pulses	315	0	2	0	0	0	0	0	570	60715
8	Sugarcane	1413	0	12	0	0	0	0	0	20	14453
9	Groundnut	16831	0	146	0	0	0	0	0	0	16345
10	Coconut	1105	0	10	0	0	0	0	0	0	0
11	Other oilseeds	396231	0	584	0	0	0	0	0	0	0
12	Jute	0	0	0	0	0	0	0	0	0	1
13	Cotton	463	0	27452	0	0	0	0	0	0	696
14	Tea	0	0	0	0	0	0	0	0	0	0
15	Coffee	0	0	0	0	0	0	0	0	0	0
16	Rubber	0	0	0	0	0	0	0	0	0	0
17	Tobacco	1	0	0	0	0	0	591	0	0	0
18	Fruits	44	0	0	0	0	0	0	126140	0	0
19	Vegetables	51	0	0	0	0	0	0	0	110695	0
20	Other crops	36954	0	42	0	0	0	0	0	14596	143065
21	Milk and milk products	2	0	0	0	0	0	0	0	0	0
22	Animal services(agricultural)	284207	20689	294885	0	0	0	2987	67654	97802	489270
23	Poultry & Eggs	0	0	0	0	0	0	0	0	0	0
24	Other liv.st. produ.	108179	14657	175342	48678	61736	35080	832	23750	26784	117866
25	Forestry and logging	0	0	0	0	0	0	0	0	0	0
26	Fishing	5	0	0	0	0	0	0	0	0	0
27	Coal and lignite	211	0	2	0	0	0	0	0	0	0
28	Natural gas	0	0	0	0	0	0	0	0	0	0
29	Crude petroleum	0	0	0	0	0	0	0	0	0	0
30	Iron ore	0	0	0	0	0	0	0	0	0	0
31	Manganese ore	0	0	0	0	0	0	0	0	0	0
32	Bauxite	0	0	0	0	0	0	0	0	0	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	0	0	0	0	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs									
Sector/ Code	Commodity \ Commodity	11	12	13	14	15	16	17	18	19	20
35	Lime stone	0	0	0	0	0	0	0	0	0	0
36	Mica	0	0	0	0	0	0	0	0	0	0
37	Other non metallic minerals	0	0	0	0	0	0	0	0	0	0
38	Sugar	47	0	0	0	0	0	0	0	0	0
39	Khandsari, boora	0	0	0	0	0	0	0	0	0	0
40	Hydrogenated oil(vanaspati)	13228	0	115	0	0	0	0	0	0	0
41	Edible oils other than vanaspati	42714	0	370	0	0	0	0	0	0	0
42	Tea and coffee processing	0	0	0	0	0	0	0	0	0	0
43	Miscellaneous food products	10167	0	88	0	0	0	0	0	7	2911
44	Beverages	2	0	0	0	0	0	0	0	0	0
45	Tobacco products	0	0	0	0	0	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)	0	0	0	0	0	0	0	0	0	0
47	Cotton textiles	38	0	0	0	0	0	0	0	0	0
48	Woolen textiles	0	0	0	0	0	0	0	0	0	0
49	Silk textiles	0	0	0	0	0	0	0	0	0	0
50	Art silk, synthetic fiber textiles	0	0	0	0	0	0	0	0	0	0
51	Jute, hemp, mesta textiles	202	0	0	0	0	0	0	0	223	41120
52	Carpet weaving	0	0	0	0	0	0	0	0	0	0
53	Readymade garments	301	0	233	0	0	0	26	133	142	422
54	Miscellaneous textile products	108	0	1	0	0	0	0	0	0	0
55	Furniture and fixtures-wooden	322	0	250	0	0	0	28	142	152	451
56	Wood and wood products	4004	0	35	0	0	0	0	0	0	0
57	Paper, paper prods. & newsprint	3129	0	267	0	0	0	32	137	148	438
58	Printing and publishing	547	0	425	0	0	0	52	242	258	769
59	Leather footwear	0	0	0	0	0	0	0	0	0	0
60	Leather and leather products	0	0	0	0	0	0	0	0	0	0
61	Rubber products	17	0	13	0	0	0	0	7	8	23
62	Plastic products	917	0	8	0	0	0	0	0	0	0
63	Petroleum products	41248	2406	33477	1908	1110	1779	2016	40540	58668	201216
64	Coal tar products	0	0	0	0	0	0	0	0	0	0
65	Inorganic heavy chemicals	540	0	5	0	0	0	0	0	0	0
66	Organic heavy chemicals	160	0	1	0	0	0	0	0	0	0
67	Fertilizers	258174	12073	225132	10147	0	31441	29377	75347	110399	539520
68	Pesticides	1349	63	3700	1438	7353	24190	109	381	978	63348

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	11	12	13	14	15	16	17	18	19	20
69	Paints, varnishes and lacquers		1	0	0	0	0	0	0	0	0	0
70	Drugs and medicines		1	0	0	0	0	0	0	0	0	0
71	Soaps, cosmetics & glycerin		107	0	1	0	0	0	0	0	0	0
72	Synthetic fibers, resin		0	0	0	0	0	0	0	0	0	0
73	Other chemicals		2242	0	19	0	0	0	0	0	0	0
74	Structural clay products		0	0	0	0	0	0	0	0	0	0
75	Cement		0	0	0	0	0	0	0	0	0	0
76	Other non-metallic mineral prods.		0	0	0	0	0	0	0	0	0	0
77	Iron, steel and ferro alloys		0	0	0	0	0	0	0	0	0	0
78	Iron and steel casting & forging		0	0	0	0	0	0	0	0	0	0
79	Iron and steel foundries		0	0	0	0	0	0	0	0	0	0
80	Non-ferrous basic metals		0	0	0	0	0	0	0	0	0	0
81	Hand tools, hardware		0	0	0	0	0	0	0	0	0	0
82	Miscellaneous metal products		30	0	0	0	0	0	0	0	0	0
83	Tractors and agri. implements		1848	69	1390	0	0	3242	262	16142	18675	39960
84	Industrial machinery(F & T)		226	0	2	0	0	0	0	0	26	2534
85	Industrial machinery(others)		0	0	0	0	0	0	0	0	0	0
86	Machine tools		0	0	0	0	0	0	0	0	0	0
87	Other non-electrical machinery		3	0	2	0	0	0	0	2	1	4
88	Electrical industrial Machinery		0	0	0	0	0	0	0	0	0	0
89	Electrical wires & cables		0	0	0	0	0	0	0	0	0	0
90	Batteries		3	0	3	0	0	0	0	1	2	5
91	Electrical appliances		109	0	85	0	0	0	10	48	51	153
92	Communication equipments		0	0	0	0	0	0	0	0	0	0
93	Other electrical Machinery		0	0	0	0	0	0	0	0	0	0
94	Electronic equipments(incl.TV)		358	0	278	0	0	0	32	158	170	502
95	Ships and boats		0	0	0	0	0	0	0	0	0	0
96	Rail equipments		0	0	0	0	0	0	0	0	0	0
97	Motor vehicles		543	0	421	0	0	0	52	241	258	764
98	Motor cycles and scooters		0	0	0	0	0	0	0	0	0	0
99	Bicycles, cycle-rickshaw		0	0	0	0	0	0	0	0	0	0
100	Other transport equipments		272	22	197	0	0	1020	52	4943	5696	9705
101	Watches and clocks		0	0	0	0	0	0	0	0	0	0
102	Medical, precision&optical instru.s		0	0	0	0	0	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs									
Sector/ Code	Commodity Commodity	11	12	13	14	15	16	17	18	19	20
103	Jems & jewelry	0	0	0	0	0	0	0	0	0	0
104	Aircraft & spacecraft	0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing	83	0	64	0	0	0	8	37	39	117
106	Construction	28022	277	21410	0	10607	9601	2985	74054	84633	173307
107	Electricity	15808	0	57591	0	0	0	7358	22699	27347	154860
108	Water supply	660	0	514	0	0	0	65	293	314	926
109	Railway transport services	5049	209	3965	175	5	522	505	1499	2423	18983
110	Land tpt including via pipeline	55023	3364	59226	7919	8725	8312	3145	19231	23826	136836
111	Water transport	4306	60	954	83	80	168	81	585	1097	7954
112	Air transport	788	0	470	0	0	20	58	360	424	1310
113	Supporting and aux. tpt activities	5273	271	5225	564	579	703	329	1319	2146	14533
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	1384	0	598	0	0	0	74	338	361	1073
116	Trade	156820	2550	36101	7004	9852	12635	1478	61194	82545	363090
117	Hotels and restaurants	715	0	554	0	0	0	70	316	337	1002
118	Banking	58902	2935	42088	3137	3619	3666	1790	17850	42370	159763
119	Insurance	8118	0	3	989	6612	4226	0	2313	3351	1424
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	137	0	107	0	0	0	12	61	66	193
122	Medical and health	0	0	0	0	0	0	0	0	0	0
123	Business services	1132	0	799	0	0	0	95	455	486	1424
124	Computer & related activities	515	0	4	0	0	0	0	0	1	2
125	Legal services	37	0	0	0	0	0	0	0	0	0
126	Real estate activities	34	0	30	0	0	0	0	16	17	53
127	Renting of machinery & equipment	70	0	7	0	0	0	0	3	4	12
128	O.com, social&personal services	2	0	0	0	0	0	0	0	2	2
129	Other services	1182	0	387	0	0	0	46	218	233	689
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	1575166	59645	995097	82042	110278	136605	54557	558853	778534	3974323
	NIT	-71395	-2997	-72000	-2067	1931	-8517	-9826	-10014	-33557	-337635
	Total Input+NIT	1503771	56648	923097	79974	112209	128087	44731	548839	744977	3636688
	GVA	2985566	137568	2033070	295875	162195	579986	211539	6119798	7876466	7442586
	Total Output	4489337	194216	2956167	375849	274404	708073	256270	6668637	8621443	11079274

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	21	22	23	24	25	26	27	28	29	30
1	Paddy	0	0	242155	254	0	0	0	0	0	0
2	Wheat	15934	26604	0	36056	0	0	0	0	0	0
3	Jowar	0	0	109813	0	0	0	0	0	0	0
4	Bajra	6255	339	123861	3399	0	0	0	0	0	0
5	Maize	1361	0	134941	4153	0	0	0	0	0	0
6	Gram	59928	38833	0	73544	0	0	0	0	0	0
7	Pulses	102917	39067	0	18780	0	0	0	0	0	0
8	Sugarcane	55808	0	0	0	0	0	0	5	0	0
9	Groundnut	0	0	0	0	0	0	0	0	0	0
10	Coconut	0	0	0	0	0	0	0	0	0	0
11	Other oilseeds	0	0	0	0	0	0	0	0	0	0
12	Jute	0	0	0	0	0	0	0	0	0	0
13	Cotton	0	0	0	0	0	0	0	0	0	0
14	Tea	0	0	0	0	0	0	0	0	0	0
15	Coffee	0	0	0	0	0	0	0	0	0	0
16	Rubber	0	0	0	0	0	0	0	0	0	0
17	Tobacco	0	0	0	0	0	0	0	0	0	0
18	Fruits	0	0	0	0	0	0	0	0	0	0
19	Vegetables	0	0	0	6062	0	0	0	0	0	0
20	Other crops	1580791	1684558	20671	1400270	2332	0	0	0	0	0
21	Milk and milk products	9586	0	203	497	0	0	0	0	0	0
22	Animal services(agricultural)	0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs	5805	0	123	301	0	0	0	0	0	0
24	Other liv.st. produ.	4698	0	99	243	0	0	0	0	0	0
25	Forestry and logging	6905	0	0	0	91889	0	0	0	0	0
26	Fishing	0	0	0	0	0	120216	0	0	0	0
27	Coal and lignite	0	0	0	0	0	0	105121	1	0	1799
28	Natural gas	0	0	0	0	0	0	0	1242	0	0
29	Crude petroleum	0	0	0	0	0	0	0	0	13023	0
30	Iron ore	0	0	0	0	0	0	0	0	0	0
31	Manganese ore	0	0	0	0	0	0	0	0	0	0
32	Bauxite	0	0	0	0	0	0	0	0	0	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	0	0	0	0	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	21	22	23	24	25	26	27	28	29	30
35	Lime stone		0	0	0	0	0	0	0	0	0	0
36	Mica		0	0	0	0	0	0	0	0	0	0
37	Other non metallic minerals		0	0	0	0	0	0	0	0	0	0
38	Sugar		0	0	0	0	0	0	0	0	0	0
39	Khandsari, boora		0	0	0	0	0	0	0	0	0	0
40	Hydrogenated oil(vanaspati)		0	0	0	0	0	0	0	0	0	0
41	Edible oils other than vanaspati		175513	209824	0	127701	0	0	0	0	0	0
42	Tea and coffee processing		0	0	0	0	0	0	0	0	0	0
43	Miscellaneous food products		33393	12101	111033	30454	0	23295	0	2	0	0
44	Beverages		0	0	0	0	0	0	0	0	0	0
45	Tobacco products		0	0	0	0	0	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)		0	0	0	0	121	0	0	0	0	0
47	Cotton textiles		158905	1202	0	6280	12	0	0	0	0	0
48	Woolen textiles		0	0	0	0	27	0	0	0	0	0
49	Silk textiles		0	0	0	0	0	0	0	0	0	0
50	Art silk, synthetic fiber textiles		0	0	0	0	0	0	0	0	0	0
51	Jute, hemp, mesta textiles		0	0	0	0	461	46306	0	0	0	0
52	Carpet weaving		0	0	0	0	0	0	0	0	0	0
53	Readymade garments		0	0	0	0	0	0	3600	1679	8202	3066
54	Miscellaneous textile products		0	0	0	0	54780	121703	0	0	0	0
55	Furniture and fixtures-wooden		0	0	0	0	2853	0	2912	1358	6634	2480
56	Wood and wood products		0	0	0	0	395	2605	17972	1625	0	0
57	Paper, paper prods. & newsprint		0	0	0	0	36777	0	3768	338	1650	535
58	Printing and publishing		0	0	0	0	7534	0	1695	241	1177	418
59	Leather footwear		0	0	0	0	0	0	0	0	0	0
60	Leather and leather products		0	0	0	0	0	0	0	0	0	0
61	Rubber products		0	0	0	0	31473	0	15589	3567	17425	10825
62	Plastic products		0	0	0	0	4495	0	0	0	0	0
63	Petroleum products		0	0	0	0	139594	62362	117653	14625	101256	54964
64	Coal tar products		0	0	0	0	0	0	0	0	0	0
65	Inorganic heavy chemicals		0	0	0	0	1	0	0	8	0	0
66	Organic heavy chemicals		0	0	0	0	0	0	0	7	0	0
67	Fertilizers		0	0	0	0	2930	0	0	0	0	0
68	Pesticides		0	0	0	0	2640	0	0	3	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs										
Sector/ Code	Commodity	Commodity	21	22	23	24	25	26	27	28	29	30
69	Paints, varnishes and lacquers		0	0	0	0	4	0	0	0	0	0
70	Drugs and medicines		21180	8422	0	16490	0	0	0	0	0	0
71	Soaps, cosmetics & glycerin		0	0	0	0	0	0	0	0	0	0
72	Synthetic fibers, resin		0	0	0	0	0	0	0	0	0	0
73	Other chemicals		0	0	0	0	0	4892	138923	28522	87541	35688
74	Structural clay products		0	0	0	0	24	0	0	0	0	0
75	Cement		0	0	0	0	15	0	0	0	0	0
76	Other non-metallic mineral prods.		0	0	0	0	5	0	0	2232	24481	0
77	Iron, steel and ferro alloys		0	0	0	0	42	1458	0	0	0	0
78	Iron and steel casting & forging		0	0	0	0	0	0	0	0	0	0
79	Iron and steel foundries		0	0	0	0	0	767	0	0	0	0
80	Non-ferrous basic metals		0	0	0	0	513	101	0	0	0	0
81	Hand tools, hardware		0	0	0	0	0	115	5068	4205	37766	0
82	Miscellaneous metal products		0	0	0	0	6257	2371	35446	5749	25718	35102
83	Tractors and agri. implements		1481	0	1835	4490	26759	0	0	0	0	0
84	Industrial machinery(F & T)		0	0	0	0	46	0	0	0	0	0
85	Industrial machinery(others)		1521	0	1885	4612	0	0	55366	14822	72800	11950
86	Machine tools		0	0	0	0	272	0	28312	2620	0	0
87	Other non-electrical machinery		0	0	0	0	8023	0	85766	41557	198128	35716
88	Electrical industrial Machinery		0	0	0	0	2	0	0	0	0	0
89	Electrical wires & cables		0	0	0	0	0	0	0	0	0	0
90	Batteries		0	0	0	0	6607	0	0	0	0	0
91	Electrical appliances		0	0	0	0	270	0	66	31	150	56
92	Communication equipments		0	0	0	0	66	0	0	0	0	0
93	Other electrical Machinery		0	0	0	0	0	0	0	0	0	0
94	Electronic equipments(incl.TV)		0	0	0	0	1446	0	1175	487	2377	857
95	Ships and boats		0	0	0	0	11098	152374	0	0	0	0
96	Rail equipments		0	0	0	0	0	0	0	0	0	0
97	Motor vehicles		0	0	0	0	44480	0	58182	5912	4638	608
98	Motor cycles and scooters		0	0	0	0	3792	0	0	0	0	0
99	Bicycles, cycle-rickshaw		0	0	0	0	4795	0	0	0	0	0
100	Other transport equipments		0	0	0	0	0	0	0	0	0	0
101	Watches and clocks		0	0	0	0	0	0	0	0	0	0
102	Medical, precision&optical instru.s		0	0	0	0	0	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	21	22	23	24	25	26	27	28	29	30
103	Jems & jewelry		0	0	0	0	0	0	0	0	0	0
104	Aircraft & spacecraft		0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing		0	0	0	0	42004	0	677	718	9460	438
106	Construction		2127	846	1988	3408	74358	0	15786	23725	229008	3520
107	Electricity		0	0	0	0	9349	0	159335	26292	55742	26723
108	Water supply		0	0	0	0	618	0	1215	997	4869	123
109	Railway transport services		6841	7180	3660	5843	13527	955	46391	10079	48789	4069
110	Land tpt including via pipeline		203312	201323	25158	170001	374687	45977	160322	19617	73017	20291
111	Water transport		1207	733	3333	1090	2270	1131	3692	566	3067	573
112	Air transport		3640	3593	160	3068	310	22	2871	1247	6068	1597
113	Supporting and aux. tpt activities		22599	22314	3386	18895	3401	4371	16042	6316	9035	1960
114	Storage and warehousing		0	0	0	0	0	0	889	1214	5931	332
115	Communication		0	0	0	0	17638	0	7609	1410	3213	3808
116	Trade		1153311	1122629	138694	938864	77403	71968	94930	10992	58425	18467
117	Hotels and restaurants		0	0	0	0	164492	0	6364	2859	13964	4252
118	Banking		25065	0	6915	20108	5261	2817	82533	12956	54302	12157
119	Insurance		0	0	0	0	0	2712	2366	1173	5717	1611
120	Ownership of dwellings		0	0	0	0	0	0	0	0	0	0
121	Education and research		0	0	0	0	0	0	98362	3185	16625	7338
122	Medical and health		0	0	0	0	0	0	0	0	0	0
123	Business services		0	0	0	0	17554	0	20181	5158	27635	7138
124	Computer & related activities		0	0	0	0	26822	0	378	111	376	2456
125	Legal services		0	0	0	0	22028	0	1392	22	66	17782
126	Real estate activities		0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment		0	0	0	0	3828	0	1947	378	358	2564
128	O.com, social&personal services		0	0	0	0	6386	0	5	2	11	4
129	Other services		0	0	0	0	50844	0	19387	10944	53869	20588
130	Public administration		0	0	0	0	0	0	0	0	0	0
	Total Input		3660086	3379568	929912	2894864	1405611	668516	1419285	270803	1282513	351857
	NIT		-255387	-264652	-46606	-227317	97299	14683	83522	21107	114908	41396
	Total Input+NIT		3404699	3114916	883306	2667547	1502911	683200	1502807	291910	1397421	393253
	GVA		13120791	0	1827194	2960050	8131097	3893000	3635282	1272666	3107399	1944651
	Total Output		16525490	3114916	2710500	5627597	9634008	4576200	5138089	1564577	4504820	2337904

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	31	32	33	34	35	36	37	38	39	40
1	Paddy	0	0	0	0	0	0	0	414	581	282
2	Wheat	0	0	0	0	0	0	0	4196	695	446
3	Jowar	0	0	0	0	0	0	0	46	58	15
4	Bajra	0	0	0	0	0	0	0	53	67	17
5	Maize	0	0	0	0	0	0	0	88	108	262
6	Gram	0	0	0	0	0	0	0	247	39	427
7	Pulses	0	0	0	0	0	0	0	304	302	1039
8	Sugarcane	0	0	0	2	0	0	0	1814837	714711	7015
9	Groundnut	0	0	0	0	0	0	0	12	14	81775
10	Coconut	0	28	0	0	0	0	0	3	3	5356
11	Other oilseeds	0	0	0	0	0	0	0	111	137	327585
12	Jute	0	0	0	0	0	0	0	0	0	0
13	Cotton	0	0	0	0	0	0	0	0	0	2249
14	Tea	0	0	0	0	0	0	0	9	12	4
15	Coffee	0	0	0	0	0	0	0	7	9	3
16	Rubber	0	0	0	0	0	0	0	5	6	2
17	Tobacco	0	0	0	0	0	0	0	0	0	3
18	Fruits	0	0	0	0	0	0	0	4686	5070	1239
19	Vegetables	0	0	0	0	0	0	0	195	104	266
20	Other crops	0	19	0	4	6	0	0	715	381	23439
21	Milk and milk products	0	0	0	0	0	0	0	1047	1283	437
22	Animal services(agricultural)	0	0	0	0	0	0	0	247	17	0
23	Poultry & Eggs	0	0	0	0	0	0	0	18	22	7
24	Other liv.st. produ.	0	0	0	1	2	0	0	299	311	105
25	Forestry and logging	0	3	0	1	1	0	1	4	5	1
26	Fishing	0	0	0	0	0	0	0	610	748	273
27	Coal and lignite	0	129	0	25	69	0	0	520	250	1028
28	Natural gas	0	31	0	7	24	0	0	12	3	0
29	Crude petroleum	0	0	0	0	0	0	0	0	0	0
30	Iron ore	0	11	0	17	26	0	0	0	0	0
31	Manganese ore	0	1	0	8	13	0	0	0	0	0
32	Bauxite	0	35	0	2	2	0	0	0	0	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	11	0	1	1	0	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	31	32	33	34	35	36	37	38	39	40
35	Lime stone		0	12	0	2	17	0	0	0	0	0
36	Mica		0	0	0	10	15	0	0	0	0	0
37	Other non metallic minerals		0	308	0	82	121	0	0	5	3	1
38	Sugar		0	4	0	0	0	0	0	7979	2971	330
39	Khandsari, boora		0	0	0	0	0	0	0	8633	2617	60
40	Hydrogenated oil(vanaspati)		0	0	0	0	0	0	0	190	262	64351
41	Edible oils other than vanaspati		0	0	0	0	0	0	0	283	348	207818
42	Tea and coffee processing		0	0	0	0	0	0	0	5	6	2
43	Miscellaneous food products		0	390	0	13	20	0	0	1453	1799	49863
44	Beverages		0	1	0	0	1	0	0	288	207	11
45	Tobacco products		0	0	0	0	0	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)		0	0	0	0	0	0	0	0	0	0
47	Cotton textiles		0	0	0	1	1	0	0	0	0	183
48	Woolen textiles		0	0	0	0	0	0	0	0	0	0
49	Silk textiles		0	0	0	0	0	0	0	0	0	0
50	Art silk, synthetic fiber textiles		0	0	0	3	4	0	1	0	0	0
51	Jute, hemp, mesta textiles		0	6	0	5	8	0	0	451	160	247
52	Carpet weaving		0	0	0	0	0	0	0	0	0	0
53	Readymade garments		359	33	112	30	88	0	51	3	2	1
54	Miscellaneous textile products		0	10	0	5	9	0	1	800	351	532
55	Furniture and fixtures-wooden		290	27	91	23	2	0	88	3	2	0
56	Wood and wood products		578	27	0	287	11	5	988	2921	1456	19495
57	Paper, paper prods. & newsprint		61	45	18	21	89	1	233	7290	2767	13780
58	Printing and publishing		49	4	30	5	103	0	111	3	0	0
59	Leather footwear		0	0	0	0	0	0	0	0	0	0
60	Leather and leather products		0	5	0	0	0	0	1	0	0	0
61	Rubber products		170	32	456	1666	1916	2	2990	0	0	0
62	Plastic products		0	38	0	12	51	0	91	3702	1856	4486
63	Petroleum products		876	1495	831	4768	7045	61	24797	55243	15799	3702
64	Coal tar products		0	4	0	21	32	0	0	0	0	0
65	Inorganic heavy chemicals		0	170	572	185	279	0	2	2715	1274	2641
66	Organic heavy chemicals		0	7	0	11	16	0	0	228	133	783
67	Fertilizers		0	0	0	0	0	0	0	1158	20	12
68	Pesticides		0	0	0	0	0	0	0	184	2	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	31	32	33	34	35	36	37	38	39	40
69	Paints, varnishes and lacquers	0	72	0	4	6	0	1	1	1	7
70	Drugs and medicines	0	1	0	2	4	0	0	15	18	11
71	Soaps, cosmetics & glycerin	0	0	0	1	2	0	0	3	3	519
72	Synthetic fibers, resin	0	17	0	10	16	0	8	0	0	0
73	Other chemicals	0	201	461	6420	10089	26	64738	623	229	10912
74	Structural clay products	0	690	0	0	10	0	4	0	0	0
75	Cement	0	414	0	59	96	0	0	0	0	0
76	Other non-metallic mineral prods.	0	520	0	158	242	0	0	163	91	12
77	Iron, steel and ferro alloys	2	1	0	14	21	0	11	0	0	0
78	Iron and steel casting & forging	1	2	0	6	9	0	2	0	0	0
79	Iron and steel foundries	0	3	0	24	37	0	7	0	0	0
80	Non-ferrous basic metals	1	4	0	17	26	0	0	0	0	0
81	Hand tools, hardware	0	1	0	2860	14	0	0	0	0	0
82	Miscellaneous metal products	182	378	260	326	30	5	1470	11	14	149
83	Tractors and agri. implements	0	0	0	0	0	0	0	68	1	0
84	Industrial machinery(F & T)	0	0	0	3	5	0	0	6665	2470	1115
85	Industrial machinery(others)	280	526	93	3401	193	0	2790	5876	1559	0
86	Machine tools	0	1	0	8	12	0	1	0	0	0
87	Other non-electrical machinery	1047	586	196	3959	10126	14	23567	181	112	1
88	Electrical industrial Machinery	0	0	0	0	0	0	2	729	194	0
89	Electrical wires & cables	0	0	0	0	0	0	0	600	159	0
90	Batteries	0	0	0	0	2	0	7	0	0	0
91	Electrical appliances	7	1	2	1	6	0	4	439	116	0
92	Communication equipments	0	0	0	1	1	0	3	520	138	0
93	Other electrical Machinery	0	2	0	2	2	0	4	520	138	0
94	Electronic equipments(incl.TV)	100	11	31	9	1	0	5	388	103	0
95	Ships and boats	0	0	0	0	0	0	0	0	0	0
96	Rail equipments	0	0	0	4	7	0	0	0	0	0
97	Motor vehicles	63	6	26	797	319	1	1152	1780	472	0
98	Motor cycles and scooters	0	0	0	0	1	0	1	0	0	0
99	Bicycles, cycle-rickshaw	0	0	0	0	8	0	5	0	0	0
100	Other transport equipments	0	0	0	0	0	0	0	0	0	0
101	Watches and clocks	0	0	0	0	0	0	5	0	0	0
102	Medical, precision&optical instru.s	0	0	0	6	10	0	5	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	31	32	33	34	35	36	37	38	39	40
103	Jems & jewelry	0	0	0	0	0	0	3	0	0	0
104	Aircraft & spacecraft	0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing	15	13	2	162	21	0	24	1658	442	1
106	Construction	71	234	159	4853	7445	0	16304	15465	5047	1051
107	Electricity	2589	1871	928	10248	7127	59	18991	31891	11653	12363
108	Water supply	39	2	12	62	35	0	1	6	4	1
109	Railway transport services	169	212	67	354	816	1	13611	1444	579	1700
110	Land tpt including via pipeline	952	1466	652	2761	4676	37	26195	27887	11503	40764
111	Water transport	15	34	11	60	74	1	247	616	208	3714
112	Air transport	60	58	1	79	62	3	162	580	524	567
113	Supporting and aux. tpt activities	231	139	109	530	192	1	886	2419	951	4759
114	Storage and warehousing	1	2	18	232	0	1	0	0	0	0
115	Communication	218	130	338	476	445	1	2329	10443	5495	3036
116	Trade	660	1103	399	3323	3002	16	10057	806624	318443	163469
117	Hotels and restaurants	866	25	69	110	399	23	15540	3	0	0
118	Banking	953	783	674	3149	3166	69	29209	86436	35211	32713
119	Insurance	184	124	137	286	481	18	1397	14382	5986	1808
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	1254	0	206	87	0	67	0	1	0	0
122	Medical and health	0	0	0	0	0	0	0	0	0	0
123	Business services	354	184	342	6882	33	1	76	2237	994	549
124	Computer & related activities	5	85	280	31	36	0	121	4435	1764	2505
125	Legal services	206	2	1295	6451	672	0	9632	70	80	181
126	Real estate activities	0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment	1081	1222	1376	2441	2487	0	18725	198	89	300
128	O.com, social&personal services	1	184	0	0	18	0	114	27	33	13
129	Other services	965	1176	996	3034	2902	0	11654	12771	3792	3356
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	14953	15371	11253	70926	65355	413	298428	2960397	1165588	1107144
	NIT	932	1388	1040	4893	5873	23	24448	-271267	-108757	12036
	Total Input+NIT	15885	16760	12293	75819	71228	436	322876	2689130	1056831	1119180
	GVA	104727	53912	37803	320169	174129	1170	1837080	458219	174621	133474
	Total Output	120612	70671	50096	395987	245358	1606	2159956	3147349	1231452	1252654

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	41	42	43	44	45	46	47	48	49	50
1	Paddy	83532	369	484930	7552	0	0	0	0	0	0
2	Wheat	16980	580	702768	1746	0	0	0	3	0	8
3	Jowar	365	38	43262	13210	0	0	0	0	0	0
4	Bajra	397	42	47109	18329	0	0	0	0	0	0
5	Maize	2446	89	99961	2384	0	0	2	0	0	3
6	Gram	1200	33	40606	141	0	0	0	0	0	0
7	Pulses	4747	253	319802	1064	3	0	0	0	0	2
8	Sugarcane	8875	364	427028	95428	45529	0	25	0	0	0
9	Groundnut	988032	12	26067	34	0	0	0	0	0	0
10	Coconut	192724	3	4280	11	7	0	12	0	0	541
11	Other oilseeds	2293776	115	174005	522	0	0	9	0	0	2
12	Jute	0	0	12	0	0	106	1786	39	207	24640
13	Cotton	14041	0	319	13	0	59622	2329175	71002	2816	271212
14	Tea	93	304534	32458	27	0	0	0	0	0	0
15	Coffee	73	190447	22073	18	0	0	0	0	0	0
16	Rubber	45	5	5290	13	0	0	100	0	2	7137
17	Tobacco	2	0	2823	0	125619	0	0	0	0	0
18	Fruits	24650	2577	2886620	280702	0	0	8	0	0	80
19	Vegetables	2324	45	50453	2927	0	0	2	0	0	94
20	Other crops	102896	109	135083	14617	4006	2	331	7	593	724
21	Milk and milk products	10287	1073	1199347	8844	0	0	6	0	0	0
22	Animal services(agricultural)	10668	0	20400	534	1	0	0	0	0	0
23	Poultry & Eggs	194	19	20845	54	0	0	1	0	0	0
24	Other liv.st. produ.	5481	258	295304	788	2	1	2768	49776	3305	5522
25	Forestry and logging	32	3	5301	1105	73823	1	440	26	315	737
26	Fishing	5994	629	702884	1588	39	0	0	0	0	0
27	Coal and lignite	5202	1310	9445	3179	1891	960	13492	1184	376	23241
28	Natural gas	9	0	7992	168	0	10	1436	30	2683	8383
29	Crude petroleum	0	0	0	0	0	0	0	0	0	0
30	Iron ore	0	0	19	0	0	0	3	3	0	0
31	Manganese ore	0	0	2	1	0	0	2	2	0	0
32	Bauxite	0	0	3	1	0	0	0	0	0	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	0	311	5	0	0	0	0	0	1

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	41	42	43	44	45	46	47	48	49	50
35	Lime stone		0	0	1	64	0	0	0	0	0	0
36	Mica		0	0	0	0	0	0	2	2	0	0
37	Other non metallic minerals		13	1	2154	213	0	0	219	19	6	2888
38	Sugar		3162	1983	286191	132517	471	0	14	0	0	0
39	Khandsari, boora		1448	152	175393	234346	0	0	7	0	0	0
40	Hydrogenated oil(vanaspati)		100199	55	68921	860	0	0	0	0	0	0
41	Edible oils other than vanaspati		579087	292	351921	2005	0	0	8	0	0	226
42	Tea and coffee processing		41	16706	6046	790	291	0	0	0	0	0
43	Miscellaneous food products		67446	23111	1206367	551419	71985	1086	39325	1197	7	7965
44	Beverages		47	5	7434	114193	0	0	6	0	0	972
45	Tobacco products		0	0	5700	2	253607	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)		0	0	13	4	0	59409	91241	2286	4926	15834
47	Cotton textiles		321	0	89	23	0	83998	544160	17082	20703	105723
48	Woolen textiles		0	0	0	0	0	88	8102	118016	1771	29974
49	Silk textiles		0	0	0	0	0	3	19008	1317	40816	44031
50	Art silk, synthetic fiber textiles		0	0	193	3	999	47716	641222	40346	41641	742092
51	Jute, hemp, mesta textiles		3113	557	13503	5952	1914	419	19478	7359	1333	13757
52	Carpet weaving		0	0	0	0	0	0	1892	1627	43	269
53	Readymade garments		34	35	2275	19	0	50	354727	28394	1823	49089
54	Miscellaneous textile products		3643	1489	25987	15856	4134	763	211507	9451	13819	122676
55	Furniture and fixtures-wooden		23	1	1861	698	0	0	1749	39	32	23296
56	Wood and wood products		26308	4444	71472	2305	25353	2741	19780	938	680	13180
57	Paper, paper prods. & newsprint		36588	7969	253834	55382	53910	3879	39300	2163	1355	68445
58	Printing and publishing		31	0	334	297	465	0	31	1	48	83
59	Leather footwear		0	0	0	132	0	0	0	0	0	0
60	Leather and leather products		0	0	320	1	0	19	13965	3203	4840	6679
61	Rubber products		1	0	157	142	0	33	689	63	458	3742
62	Plastic products		17193	5392	87580	58941	2966	6948	24444	1789	2979	149820
63	Petroleum products		30676	11733	140384	27648	8696	10234	119355	9151	5447	124556
64	Coal tar products		0	0	222	103	0	0	9	4	9	19
65	Inorganic heavy chemicals		6542	76	59189	20778	2207	2473	57190	2510	2441	208870
66	Organic heavy chemicals		3505	1251	35468	50840	10413	977	32793	819	32350	337019
67	Fertilizers		14444	0	30082	771	0	0	0	0	0	169
68	Pesticides		1848	4	6657	2474	5476	0	31	1	0	3872

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	41	42	43	44	45	46	47	48	49	50
69	Paints, varnishes and lacquers		31	0	1287	287	0	17033	59773	2464	804	37301
70	Drugs and medicines		945	330	25652	14989	0	0	734	2	0	564
71	Soaps, cosmetics & glycerin		458	89	3473	2994	15156	5679	3822	134	549	4647
72	Synthetic fibers, resin		0	4	923	38	0	738	55452	1389	7891	541030
73	Other chemicals		76941	401	52489	39019	6714	701	18264	2875	1608	91766
74	Structural clay products		0	0	0	0	0	0	0	0	0	0
75	Cement		0	0	274	1	0	0	12	11	0	0
76	Other non-metallic mineral prods.		281	30	33324	1878	258	0	336	35	7	1529
77	Iron, steel and ferro alloys		0	0	36	2	0	0	89	3	0	236
78	Iron and steel casting & forging		0	0	55	24	0	0	48	2	0	368
79	Iron and steel foundries		0	0	26	1	0	0	83	5	0	207
80	Non-ferrous basic metals		2	0	1829	281	0	0	377	12	0	811
81	Hand tools, hardware		0	0	0	1	0	0	86	368	245	357
82	Miscellaneous metal products		360	11	12738	1020	3464	3	1461	32	3014	3767
83	Tractors and agri. implements		629	0	1491	23	0	0	13	0	11	28
84	Industrial machinery(F & T)		7463	3797	40427	10804	5370	2852	43949	17431	3222	24963
85	Industrial machinery(others)		11	0	959	326	0	333	352	70	314	2815
86	Machine tools		2	0	267	27	0	13	2751	358	3413	4008
87	Other non-electrical machinery		17	2	2149	656	708	168	11018	339	19	2019
88	Electrical industrial Machinery		0	0	16	2	0	0	428	0	0	24
89	Electrical wires & cables		0	0	0	0	0	0	208	0	0	11
90	Batteries		0	0	0	0	0	0	65	2	40	38
91	Electrical appliances		5	0	11	0	0	0	83	0	0	61
92	Communication equipments		0	0	0	0	0	0	930	0	0	52
93	Other electrical Machinery		0	0	20	6	0	2	528	7	422	1625
94	Electronic equipments(incl.TV)		17	0	44	1	0	2	1329	6	584	637
95	Ships and boats		0	0	0	0	0	0	42	0	0	2
96	Rail equipments		0	0	4	0	0	0	1	1	0	5
97	Motor vehicles		26	0	55	1	0	0	0	0	0	31
98	Motor cycles and scooters		0	0	0	0	0	0	0	0	0	2
99	Bicycles, cycle-rickshaw		0	0	0	0	0	0	5	0	0	0
100	Other transport equipments		25	0	76	0	0	0	1	0	0	0
101	Watches and clocks		0	0	0	0	0	0	644	0	0	33
102	Medical, precision&optical instru.s		2	0	31	82	0	0	5969	1	0	328

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	41	42	43	44	45	46	47	48	49	50
103	Jems & jewelry		0	0	12	7	0	0	76	2	282	304
104	Aircraft & spacecraft		0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing		38	220	4243	248	365	4	5681	453	1611	8036
106	Construction		8952	4524	216805	8657	4244	2815	86353	5601	10725	42480
107	Electricity		74653	58673	353756	78182	9152	30169	388351	26711	5996	165585
108	Water supply		45	2	1727	1619	0	353	2181	62	6	236
109	Railway transport services		11052	607	50746	6060	16312	1636	11980	860	509	10688
110	Land tpt including via pipeline		126098	277201	681456	108239	75949	48986	1103926	75684	24360	328868
111	Water transport		20223	639	34386	12222	2307	140	2467	181	70	1841
112	Air transport		7544	216	7517	2992	5967	2497	8928	1447	708	5843
113	Supporting and aux. tpt activities		12438	35089	49306	11886	4419	4703	117558	8418	2597	36700
114	Storage and warehousing		0	0	0	0	0	0	0	0	0	0
115	Communication		6712	898	77861	6580	7756	1299	28566	3757	1993	9293
116	Trade		887906	61158	2675417	323198	210491	105806	870505	92729	51121	714680
117	Hotels and restaurants		34	0	72	1	0	0	2927	90	1	337
118	Banking		188225	62558	433769	96452	41163	12240	143821	18927	13964	104024
119	Insurance		10908	7634	84215	16668	13484	8778	105631	4659	9000	60741
120	Ownership of dwellings		0	0	0	0	0	0	0	0	0	0
121	Education and research		7	0	14	0	0	0	0	0	0	0
122	Medical and health		0	0	0	0	0	0	0	0	0	0
123	Business services		5083	542	122436	8738	7207	1937	48555	3058	2670	93632
124	Computer & related activities		14158	2700	23436	6178	18066	5280	13333	3788	3739	12480
125	Legal services		3332	29	1419	238	8902	1172	2923	1191	1160	4828
126	Real estate activities		2	0	4	0	0	0	0	0	0	0
127	Renting of machinery & equipment		765	17	633	100	349	60	468	453	390	1077
128	O.com, social&personal services		449	30	31931	1402	1728	355	449141	13832	11720	66881
129	Other services		4222	18993	6448	1181	23105	9205	21017	3848	3213	18641
130	Public administration		0	0	0	0	0	0	0	0	0	0
	Total Input		6140843	1114553	15641814	2497097	1176446	546498	8213096	661149	355805	4824037
	NIT		-64218	3312	-161029	54972	143318	-8932	-367841	-1880	11497	140548
	Total Input+NIT		6076624	1117865	15480785	2552069	1319764	537566	7845255	659269	367302	4964585
	GVA		867773	163232	2294849	750508	1159774	555184	2287779	296184	79439	1060202
	Total Output		6944398	1281097	17775634	3302577	2479538	1092750	10133034	955453	446741	6024787

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	51	52	53	54	55	56	57	58	59	60
1	Paddy	13	0	0	0	1	6	385	30	0	0
2	Wheat	23	83	34	23	0	2	46	245	0	0
3	Jowar	1	0	0	0	0	0	0	0	0	0
4	Bajra	1	0	0	0	0	0	0	0	0	0
5	Maize	18	0	4	12	0	0	1	0	0	0
6	Gram	1	0	0	0	0	0	0	0	0	0
7	Pulses	10	0	1	2	0	1	1	0	0	1
8	Sugarcane	238	0	39	151	0	1	6	0	0	0
9	Groundnut	9	0	0	0	0	0	0	0	0	0
10	Coconut	3139	333	1102	42	1	1	0	0	0	22
11	Other oilseeds	101	0	14	53	0	1	2	0	0	1
12	Jute	141999	15380	3364	5651	47	3	187	16	1	0
13	Cotton	7583	1634	71680	332333	3	1	2	0	1	108
14	Tea	2	0	92	67	0	0	0	0	0	0
15	Coffee	0	0	57	41	0	0	0	0	0	0
16	Rubber	9	13	2161	9685	197	639	2131	138	8723	57899
17	Tobacco	0	0	0	0	0	0	0	0	0	0
18	Fruits	82	0	27	36	2	14	33	1	0	7
19	Vegetables	2	0	428	38	3	9	32	2	0	17
20	Other crops	1131	668	3370	10299	1416	2984	22268	1780	6	88
21	Milk and milk products	82	0	9	34	0	2	1	0	0	0
22	Animal services(agricultural)	0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs	5	0	1	3	0	0	0	0	0	0
24	Other liv.st. produ.	184	1207	14450	34457	12243	1044	214	71	261654	379996
25	Forestry and logging	1566	226	2481	7044	763615	955996	545338	43499	12	96
26	Fishing	19	0	0	0	0	37	0	0	0	0
27	Coal and lignite	4800	903	4600	6941	9027	14719	89585	7081	25	64
28	Natural gas	928	2570	14905	45766	4	12	113	19	14	22
29	Crude petroleum	0	0	3	168	0	0	1	0	0	0
30	Iron ore	0	0	0	0	9	17	0	0	0	0
31	Manganese ore	0	0	0	0	0	0	0	0	0	2
32	Bauxite	0	0	0	0	0	0	0	0	0	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	0	1	1	1	2	0	0	0	3

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	51	52	53	54	55	56	57	58	59	60
35	Lime stone		2	0	0	0	0	20	0	0	0	0
36	Mica		0	0	0	0	0	0	0	0	0	0
37	Other non metallic minerals		666	72	382	647	3745	420	2619	374	21	92
38	Sugar		129	0	21	81	0	48	5	0	0	2
39	Khandsari, boora		63	0	10	39	0	3	6	1	0	2
40	Hydrogenated oil(vanaspati)		3	0	1	2	0	1	0	0	0	0
41	Edible oils other than vanaspati		74	0	32	72	9	134	32	12	0	36
42	Tea and coffee processing		0	0	5	4	0	0	0	0	0	0
43	Miscellaneous food products		696	27	3593	6936	866	2462	35710	8243	3721	5535
44	Beverages		19	0	33	51	7	117	342	31	0	22
45	Tobacco products		1	0	0	1	0	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)		1681	4445	200959	89135	839	145	646	440	31	3694
47	Cotton textiles		7680	17096	1099032	323244	4239	559	2749	843	257	21555
48	Woolen textiles		21676	31653	79424	31552	519	21	41	65	8	794
49	Silk textiles		3108	1878	88016	18357	58	43	2063	164	5	1721
50	Art silk, synthetic fiber textiles		23805	44130	681190	469672	3110	1932	3370	982	3993	18333
51	Jute, hemp, mesta textiles		22539	13416	39328	25227	13274	5462	5833	7980	1607	2686
52	Carpet weaving		10	36	485	420	267	14	1012	212	475	910
53	Readymade garments		2193	9475	207044	80062	1710	347	11024	4568	3014	6816
54	Miscellaneous textile products		6542	27209	459965	205618	44679	1340	25091	18219	4097	15618
55	Furniture and fixtures-wooden		480	7	5132	4970	96068	14625	182	782	0	166
56	Wood and wood products		1408	981	29415	11234	103319	34320	68107	45521	1064	2796
57	Paper, paper prods. & newsprint		8393	2750	60455	28567	29069	52496	1043337	881427	1673	4995
58	Printing and publishing		65	47	1191	853	218	1662	112535	254545	26	36
59	Leather footwear		0	0	2	111	2	48	1	1	1019	739
60	Leather and leather products		1750	6201	70235	117419	6971	3085	622	2320	276291	649958
61	Rubber products		453	1880	11558	11185	33794	1623	3297	1388	3185	4649
62	Plastic products		1984	2112	85302	58534	66839	30702	54966	43393	3340	17536
63	Petroleum products		4713	3449	67722	55112	22190	14081	96190	29485	6419	13206
64	Coal tar products		61	15	56	164	1	35	2	1	1	11
65	Inorganic heavy chemicals		4217	2096	25661	42707	17845	6867	153867	73548	1731	2937
66	Organic heavy chemicals		5906	938	36265	56783	95262	26306	49944	8870	498	3311
67	Fertilizers		1	0	3	190	3557	6900	26	3	60	73
68	Pesticides		5	0	72	245	6822	12527	6550	495	1	7

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	51	52	53	54	55	56	57	58	59	60
69	Paints, varnishes and lacquers		4406	1240	21369	24637	19780	3159	34424	64559	10871	9525
70	Drugs and medicines		5923	0	1067	4022	357	725	169	2	1	12
71	Soaps, cosmetics & glycerin		281	718	21467	11897	2678	5326	7757	2815	14	502
72	Synthetic fibers, resin		2607	7127	196716	224471	9064	17224	22745	6695	4136	13680
73	Other chemicals		10661	2549	103335	38166	7997	11762	104527	82766	15306	29089
74	Structural clay products		0	0	0	0	6	7	0	0	0	0
75	Cement		0	0	0	0	0	0	0	0	0	1
76	Other non-metallic mineral prods.		866	135	2519	491	3965	1254	6472	4578	120	381
77	Iron, steel and ferro alloys		215	206	3772	1246	13021	1937	3951	1714	153	4125
78	Iron and steel casting & forging		387	25	604	723	68172	1201	2798	591	22	1003
79	Iron and steel foundries		254	44	1947	693	42781	4121	4449	1861	138	1537
80	Non-ferrous basic metals		163	17	1800	566	28612	1996	1542	2224	184	1210
81	Hand tools, hardware		187	162	2411	1495	19357	3292	587	1022	322	2158
82	Miscellaneous metal products		3696	1336	17234	17053	28363	9829	13376	18286	2471	6011
83	Tractors and agri. implements		7	11	71	222	28	143	27	43	2	128
84	Industrial machinery(F & T)		6935	9932	107880	59997	65	68	63	36	451	6065
85	Industrial machinery(others)		204	267	1739	5551	10478	7605	12363	9831	2995	1726
86	Machine tools		1751	11305	55234	61569	10110	769	7001	957	59	2198
87	Other non-electrical machinery		299	322	3656	3557	5344	2644	2947	1032	899	7321
88	Electrical industrial Machinery		47	15	182	314	349	1035	162	330	0	1142
89	Electrical wires & cables		11	3	38	69	23	50	11	15	0	272
90	Batteries		14	40	240	699	5	10	4	18	0	165
91	Electrical appliances		18	18	207	117	1382	2117	13	7	0	277
92	Communication equipments		67	2	47	460	320	1631	278	694	0	1604
93	Other electrical Machinery		268	497	4025	8072	5528	1783	1742	789	121	3829
94	Electronic equipments(incl.TV)		272	572	3411	10664	410	2114	6176	35522	11	2133
95	Ships and boats		2	1	6	12	0	0	0	0	0	7
96	Rail equipments		32	43	478	204	2509	4865	17	17	0	636
97	Motor vehicles		158	213	2351	969	1368	76	15	23	8	2902
98	Motor cycles and scooters		13	18	203	82	0	0	0	0	1	246
99	Bicycles, cycle-rickshaw		1	1	6	3	0	0	0	0	0	7
100	Other transport equipments		4	3	34	27	19	98	14	30	0	121
101	Watches and clocks		68	0	39	486	485	2328	342	700	0	2144
102	Medical, precision&optical instru.s		288	0	53	1746	483	2520	400	765	0	2120

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity Commodity	51	52	53	54	55	56	57	58	59	60
103	Jems & jewelry	42	17	142	625	320	1673	247	508	42	1456
104	Aircraft & spacecraft	0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing	937	8970	44430	20046	278	547	6995	25012	6338	5139
106	Construction	8209	9746	206092	162624	15477	3444	37004	105457	3269	8892
107	Electricity	44868	8941	73884	107832	20899	19033	133055	49619	9537	21710
108	Water supply	10	9	110	484	0	19	25	2	4	32
109	Railway transport services	2111	751	24510	7455	10230	12056	20820	8234	3582	3875
110	Land tpt including via pipeline	39468	31250	410447	321280	160457	135713	294568	221457	60257	110746
111	Water transport	317	92	1028	1023	6973	8617	7514	1045	378	651
112	Air transport	974	612	6868	5575	24128	9883	4532	8004	2108	5233
113	Supporting and aux. tpt activities	3043	3087	41124	34535	14165	13071	27840	19823	4393	9230
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	2482	2459	77565	25182	14957	7220	18412	5998	2079	6721
116	Trade	137042	67288	1086461	617948	371855	281402	372535	178348	144343	329184
117	Hotels and restaurants	10	2	84	399	0	0	0	0	0	0
118	Banking	19634	14645	182828	80980	165864	59612	85261	73384	17255	36969
119	Insurance	3897	5152	119764	54389	12374	7221	21768	16126	8283	11565
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	0	0	0	0	0	0	0	0	0	0
122	Medical and health	0	0	0	0	0	0	0	0	0	0
123	Business services	5986	2880	104754	51252	9421	3718	1520	4799	1477	3526
124	Computer & related activities	6764	1698	40758	20658	7668	3176	16413	31248	5742	4945
125	Legal services	2113	628	15654	4791	6747	3608	1643	1485	810	1418
126	Real estate activities	0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment	199	47	498	618	2012	470	846	298	64	61
128	O.com, social&personal services	5910	11625	249953	263485	1029	1227	7256	28898	154	4607
129	Other services	22113	11771	26477	14754	4712	2972	3023	2304	2633	5990
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	628499	411423	6638985	4368262	2474471	1860204	3636169	2456770	894007	1892790
	NIT	17608	15716	140852	38965	106270	36007	185018	147646	17265	37745
	Total Input+NIT	646107	427139	6779837	4407227	2580740	1896212	3821187	2604416	911272	1930535
	GVA	343247	251915	2785687	1188463	1526958	1116726	1122785	878735	251560	754929
	Total Output	989354	679054	9565524	5595690	4107698	3012938	4943973	3483150	1162832	2685464

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	61	62	63	64	65	66	67	68	69	70
1	Paddy		0	13	0	0	157	625	11	0	0	2192
2	Wheat		2	11	0	0	267	867	24	54	10	3523
3	Jowar		0	3	5	0	30	730	1	3	4	228
4	Bajra		35	0	0	0	480	1122	1883	13	2	273
5	Maize		1	102	4	0	75	327	2	7	4	4605
6	Gram		94	16	26	0	1270	469	4970	70	20	209
7	Pulses		8	128	145	0	374	607	84	82	79	2063
8	Sugarcane		15	384	28	0	843	22219	703	127	26	61263
9	Groundnut		0	0	0	11	19	39	2	14	10	99
10	Coconut		19	15	5	82	364	311	47	130	59	95
11	Other oilseeds		124	232	124	0	1962	1329	6127	190	708	21066
12	Jute		72	192	11	1	31	55	0	6	7	2
13	Cotton		122	9400	1	0	53	38	19	2	1	1727
14	Tea		0	3	0	0	8	24	0	1	0	556
15	Coffee		0	0	0	0	3	11	0	0	0	46
16	Rubber		386567	159978	84	4	7713	7283	2	324	5135	148
17	Tobacco		0	89	0	0	38	94	0	0	0	0
18	Fruits		42	2013	1325	17	1929	18275	407	93	490	16444
19	Vegetables		73	2380	433	4	340	563	37	124	145	517
20	Other crops		519	3934	4441	307	9152	9176	1825	2996	8709	23457
21	Milk and milk products		1	78	7	0	586	2165	33	86	20	19417
22	Animal services(agricultural)		0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs		1	7	1	0	23	54	23	2	0	1335
24	Other liv.st. produ.		92054	59422	3946	26	20614	11161	52678	2233	3447	3844
25	Forestry and logging		4135	54297	369	620	3240	10040	137	674	9116	7938
26	Fishing		6	287	56	13	6581	9040	97	465	1232	4158
27	Coal and lignite		6823	9337	6302	168656	70949	25489	25247	4346	10986	6033
28	Natural gas		6929	17342	1098598	35675	86072	53588	256822	5864	17725	17450
29	Crude petroleum		0	0	28141501	364326	50218	475817	347026	0	13998	0
30	Iron ore		645	1814	50	1199	1504	59	0	9	29	2
31	Manganese ore		89	346	2	94	577	147	1134	16	28	5
32	Bauxite		23	54	4	14	251	61	21	20	136	6
33	Copper ore		431	1047	23	0	0	59	0	0	1161	0
34	Other metallic minerals		160	467	323	12	917	638	358	281	1450	112

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	61	62	63	64	65	66	67	68	69	70
35	Lime stone		37	252	32	27	3966	3051	330	363	804	228
36	Mica		36	66	0	110	53	12	0	0	4	0
37	Other non metallic minerals		5373	2442	670	1440	29827	16056	62051	2963	4552	1426
38	Sugar		40	984	803	92	9728	15966	163	1326	2251	33702
39	Khandsari, boora		2	94	7	0	283	12595	15	43	31	16187
40	Hydrogenated oil(vanaspati)		0	4	2	0	234	554	42	288	90	755
41	Edible oils other than vanaspati		120	2834	369	46	16672	15511	543	1870	10572	18454
42	Tea and coffee processing		1	1	0	0	8	52	0	1	9	43
43	Miscellaneous food products		6011	44859	15136	1638	89561	108350	10820	19500	31300	151192
44	Beverages		182	4116	3184	71	17237	21144	720	2749	4411	5807
45	Tobacco products		1	182	0	1	89	197	42	1	0	209
46	Khadi, cotton textiles(handlooms)		6196	1602	26	10	312	769	0	7	66	654
47	Cotton textiles		25181	7247	110	55	1239	2905	2	75	331	3174
48	Woolen textiles		1536	687	5	4	209	224	0	0	18	11
49	Silk textiles		1506	332	2	4	74	99	0	1	4	36
50	Art silk, synthetic fiber textiles		15408	16931	204	160	5335	3190	475	736	737	763
51	Jute, hemp, mesta textiles		8114	8892	1472	320	6380	5271	1093	1915	3482	8374
52	Carpet weaving		173	143	0	0	4	2	0	0	4	0
53	Readymade garments		5474	45470	14	50	1589	2219	0	105	1504	1858
54	Miscellaneous textile products		108510	32406	3388	712	9472	9268	2649	2824	6823	20023
55	Furniture and fixtures-wooden		344	2307	765	16	1656	1443	7	437	515	148
56	Wood and wood products		5951	15122	5089	678	9889	10516	5848	6753	12123	35036
57	Paper, paper prods. & newsprint		9251	96102	13007	1214	33665	35261	379	5557	8608	9636
58	Printing and publishing		182	12801	183	1	633	824	18	252	125	10388
59	Leather footwear		390	551	63	15	6971	3833	84	874	1769	464
60	Leather and leather products		97752	64740	304	2	1158	1920	46	171	4024	226
61	Rubber products		103595	47220	1274	48	11365	7551	131	1553	3983	827
62	Plastic products		48147	1482232	14866	1098	76584	92342	9765	10096	72298	66383
63	Petroleum products		54115	89229	2099595	61485	265754	206180	454894	27401	60046	61306
64	Coal tar products		382	1065	7396	32446	11639	5475	150	706	2263	403
65	Inorganic heavy chemicals		160525	197380	109684	59771	568429	395804	646594	119382	281676	127122
66	Organic heavy chemicals		35392	606817	70004	1860	474646	420985	173558	105677	151737	1000280
67	Fertilizers		38069	854	487474	5861	364742	120119	1477853	20414	2025	598
68	Pesticides		511	7738	3721	299	144790	140399	13599	233738	29860	10188

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	61	62	63	64	65	66	67	68	69	70
69	Paints, varnishes and lacquers		13618	43426	3245	99	13503	12704	282	3396	71337	1630
70	Drugs and medicines		398	12882	984	40	18727	42679	478	5583	4326	1538722
71	Soaps, cosmetics & glycerin		2672	3471	2537	22	10990	17948	1375	12017	18286	17909
72	Synthetic fibers, resin		727681	1176410	11224	348	101913	92710	276	5847	86763	1036
73	Other chemicals		62575	381098	98518	71269	128932	122308	17797	35101	176321	63570
74	Structural clay products		6	29	0	17	3951	340	0	9	25	0
75	Cement		315	696	3149	712	3248	824	38	191	3180	37
76	Other non-metallic mineral prods.		2476	4746	890	1951	6572	3239	546	1085	2973	1579
77	Iron, steel and ferro alloys		79876	45851	115	334	2663	513	25	2854	2048	135
78	Iron and steel casting & forging		9119	11954	1132	178	3487	1164	32	573	1490	613
79	Iron and steel foundries		18422	12237	45	296	1403	432	22	292	2122	107
80	Non-ferrous basic metals		21411	63618	2502	5975	22320	16357	494	4681	17760	2382
81	Hand tools, hardware		23488	7689	6	33	255	239	1	240	245	9
82	Miscellaneous metal products		36123	29121	896	246	2916	2371	109	1594	3738	927
83	Tractors and agri. implements		1506	1396	2	1	17	22	0	74	107	6
84	Industrial machinery(F & T)		3409	1638	20	40	322	1218	2	350	82	242
85	Industrial machinery(others)		11365	16310	8151	3860	15540	13330	9946	7294	10006	21583
86	Machine tools		23569	7871	366	150	507	822	82	1078	520	188
87	Other non-electrical machinery		58834	17086	12127	331	9207	4602	30482	17306	2492	1606
88	Electrical industrial Machinery		4385	5566	16	1	103	94	7	189	790	373
89	Electrical wires & cables		1312	1579	3	1	9	9	0	4	233	181
90	Batteries		358	329	1	0	9	14	0	7	18	1
91	Electrical appliances		3651	1840	3	2	13	39	2	92	141	67
92	Communication equipments		4315	5569	2	10	11	36	0	34	1095	809
93	Other electrical Machinery		32456	14725	285	23	3223	3012	3774	1338	1847	642
94	Electronic equipments(incl.TV)		7696	9129	12	0	217	286	310	79	1379	891
95	Ships and boats		130	90	0	0	0	0	0	0	0	37
96	Rail equipments		49594	1503	0	51	38	56	1	76	63	2
97	Motor vehicles		39551	5321	0	0	20	34	0	11	121	0
98	Motor cycles and scooters		18180	4593	0	0	1	0	0	0	520	0
99	Bicycles, cycle-rickshaw		3627	58	0	0	0	0	0	2	5	5
100	Other transport equipments		761	167	0	0	0	0	0	0	63	0
101	Watches and clocks		1685	3704	0	0	0	0	0	20	1482	560
102	Medical, precision&optical instru.s		7246	15080	3	72	100	147	0	16	1643	9915

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	61	62	63	64	65	66	67	68	69	70
103	Jems & jewelry	762	1868	6	1	1225	34	41	5	1099	859
104	Aircraft & spacecraft	104	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing	5545	13163	5063	136	6337	5965	6004	1921	5107	21897
106	Construction	19694	25904	31826	5708	24942	22044	8899	6551	9575	68844
107	Electricity	87463	155992	287650	18457	169644	148478	83337	35633	60361	126424
108	Water supply	338	201	123	14	3378	1944	757	406	806	232
109	Railway transport services	11405	22778	248525	33151	29120	19003	37405	2885	8427	29137
110	Land tpt including via pipeline	183558	314049	278237	34189	195231	142439	277329	29302	84494	301147
111	Water transport	1298	3062	22284	2833	7016	5658	8495	1419	1776	4590
112	Air transport	10882	21914	121494	4093	14748	13323	12664	2540	7511	24984
113	Supporting and aux. tpt activities	17785	29940	25650	3716	16923	12352	25711	2777	7130	22803
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	16748	12552	51355	3275	12715	11773	8080	5319	7041	20265
116	Trade	350409	522038	525048	117090	371953	314505	276346	121229	170772	400852
117	Hotels and restaurants	0	12	0	0	0	0	0	0	0	0
118	Banking	88315	119552	475466	17184	88063	81550	88714	28133	51132	63769
119	Insurance	22877	30600	47200	1872	29267	22444	17773	7082	11183	24204
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	0	0	0	0	0	0	0	0	0	0
122	Medical and health	0	0	0	0	0	0	0	0	0	0
123	Business services	7497	15383	6441	260	8195	7475	12214	1713	1826	12314
124	Computer & related activities	7170	18921	44038	795	11192	10540	13573	1560	9010	18055
125	Legal services	2865	1835	2718	106	3186	2334	141	1063	979	1042
126	Real estate activities	0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment	736	165	13	1	182	138	3	25	52	24
128	O.com, social&personal services	10484	156039	2569	66	8965	13795	471	1555	5182	155090
129	Other services	13964	6893	7746	8737	9569	7235	3890	4569	4618	3456
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	3369208	6496736	34426349	1078337	3792901	3493146	4509523	943131	1634084	4750465
	NIT	145103	421825	1700483	64434	106975	161952	-250437	37207	110216	263243
	Total Input+NIT	3514311	6918561	36126832	1142771	3899876	3655098	4259087	980338	1744300	5013708
	GVA	1692308	1351097	5914920	578853	957331	852184	661999	306300	860254	1521231
	Total Output	5206620	8269658	42041752	1721624	4857207	4507282	4921085	1286638	2604554	6534939

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	71	72	73	74	75	76	77	78	79	80
1	Paddy	212	0	3118	0	0	0	0	0	0	0
2	Wheat	1715	1	4925	0	0	1	0	0	0	0
3	Jowar	29	8	436	0	0	0	0	0	0	1
4	Bajra	33	22	419	0	0	1	0	0	0	0
5	Maize	72	5	864	0	0	14	0	0	0	0
6	Gram	799	97	619	0	0	4	0	0	0	3
7	Pulses	178	219	3933	0	0	2	0	0	2	17
8	Sugarcane	1877	7	4392	0	0	208	0	0	0	0
9	Groundnut	2618	4	111	0	0	0	0	0	0	0
10	Coconut	4574	23	121	6060	58	523	3	78	22	108
11	Other oilseeds	7302	264	2745	0	0	76	0	0	1	13
12	Jute	1	24	132	6	1	205	1	0	1	1
13	Cotton	43	7142	51	0	0	8	0	1	1	4
14	Tea	469	24	93	0	0	2	0	0	0	0
15	Coffee	293	15	65	0	0	0	0	0	0	0
16	Rubber	74	5882	5436	19	2	806	3	42	446	180
17	Tobacco	394	0	0	0	0	0	0	0	0	0
18	Fruits	2264	103	23052	0	1	13	1	0	0	3
19	Vegetables	1469	264	2049	106	1	25	0	4	10	15
20	Other crops	6643	7011	54747	4277	68	6895	29	17	99	535
21	Milk and milk products	3021	1	9350	0	1	47	0	0	0	0
22	Animal services(agricultural)	0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs	16	0	180	0	0	4	0	0	0	0
24	Other liv.st. produ.	2115	17099	35917	92	10	2238	97	84	284	943
25	Forestry and logging	3601	30988	5111	924	11	1118	13	85	2644	247
26	Fishing	1057	70	5662	1	0	23	3	0	3	5
27	Coal and lignite	6144	2988	7149	53999	470739	87373	2090249	344578	343537	853412
28	Natural gas	1392	46823	86213	17205	193453	20835	596597	48347	116667	29725
29	Crude petroleum	0	52409	57406	0	0	456	135	0	0	0
30	Iron ore	2	117	712	3826	11017	32456	798416	60345	145369	8140
31	Manganese ore	8	62	225	523	63	14455	128517	10577	23833	3718
32	Bauxite	200	14	61	7580	865	2869	131	164	831	15879
33	Copper ore	0	9	0	21	0	12863	2701	3813	20491	398997
34	Other metallic minerals	550	419	3267	2429	29	5086	27116	3428	8986	103844

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	71	72	73	74	75	76	77	78	79	80
35	Lime stone		778	54	343	14362	221509	7698	15315	1306	4187	157
36	Mica		0	53	200	462	72	16066	39	4	83	0
37	Other non metallic minerals		11460	3078	9389	75786	106608	132100	4378	2210	6271	21586
38	Sugar		2717	1142	12546	892	9	286	9447	1556	1444	2142
39	Khandsari, boora		985	1	2429	0	0	56	0	0	2	37
40	Hydrogenated oil(vanaspati)		10651	7	675	0	0	5	0	0	0	0
41	Edible oils other than vanaspati		4184	1401	5883	9	1	359	8	1	16	56
42	Tea and coffee processing		30	2	40	2	42	1	0	0	0	0
43	Miscellaneous food products		76344	21254	90167	85194	3558	27440	29447	7181	7559	5822
44	Beverages		4824	4721	3211	241	5	835	1195	104	237	528
45	Tobacco products		797	1	5	3	1	117	0	0	1	0
46	Khadi, cotton textiles(handlooms)		49	1214	153	6	1	208	20	4	14	13
47	Cotton textiles		225	7562	784	33	5	1156	116	25	85	96
48	Woolen textiles		10	1515	32	15	108	334	1	1	6	3
49	Silk textiles		0	2037	59	13	0	8	1	0	1	0
50	Art silk, synthetic fiber textiles		375	43500	3470	153	20	4679	30	151	700	1741
51	Jute, hemp, mesta textiles		11851	3274	10706	1807	3198	8800	668	354	862	525
52	Carpet weaving		0	32	5	0	0	6	0	1	23	2
53	Readymade garments		34	3428	1869	577	7684	6351	26	32	398	272
54	Miscellaneous textile products		25037	13738	7020	2926	7767	9839	1202	1558	4119	4359
55	Furniture and fixtures-wooden		493	10891	9671	76	10	2432	2016	293	1630	282
56	Wood and wood products		65936	14031	16858	6977	15874	12426	6436	1752	5208	2030
57	Paper, paper prods. & newsprint		4841	16656	84774	10862	30254	21708	3928	2418	6179	5556
58	Printing and publishing		4143	616	2655	3	0	166	4	9	59	476
59	Leather footwear		798	80	700	1	0	28	3	0	4	6
60	Leather and leather products		313	1489	4784	1214	11	732	11	775	1648	721
61	Rubber products		1534	11833	5295	305	142	3406	328	3599	3810	4019
62	Plastic products		142370	79146	71461	35796	506918	36766	7283	5109	28095	20476
63	Petroleum products		63619	123679	81988	291261	391223	428785	508235	177650	154227	120990
64	Coal tar products		1844	498	3245	2189	4711	37517	314756	23578	51881	57562
65	Inorganic heavy chemicals		331428	307769	221496	45895	3087	316769	59618	15618	46828	184347
66	Organic heavy chemicals		282419	632192	204267	2125	846	24322	3398	735	5469	6880
67	Fertilizers		1180	18108	4940	2	0	1119	3	7	31	56
68	Pesticides		14475	1921	70829	20	1	2135	2675	183	402	208

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	71	72	73	74	75	76	77	78	79	80
69	Paints, varnishes and lacquers	19893	10650	8116	15953	577	9221	11727	2359	8305	19723
70	Drugs and medicines	27612	1715	32214	259	20	9554	1352	156	230	44
71	Soaps, cosmetics & glycerin	324212	5074	30326	70	8	1975	13	14	87	662
72	Synthetic fibers, resin	8787	305790	56411	4254	112	21219	245	2125	6136	14436
73	Other chemicals	603614	185043	119143	5980	2647	12023	9039	12009	13853	34781
74	Structural clay products	2	32	33	157332	154298	11487	877	114	369	20
75	Cement	37	733	4003	97753	102649	104767	796	342	4549	707
76	Other non-metallic mineral prods.	6832	1807	7282	123898	68793	267559	26174	3284	11388	3725
77	Iron, steel and ferro alloys	437	2419	4157	2204	245	62656	1300004	850593	1017805	195361
78	Iron and steel casting & forging	740	6633	1929	1221	239	23838	1420882	541237	459375	82421
79	Iron and steel foundries	389	4297	2227	2143	254	54813	575321	142967	193866	230375
80	Non-ferrous basic metals	2670	6186	32231	2436	217	121152	2323463	517086	1453095	1483344
81	Hand tools, hardware	56	1821	294	766	23	6241	12801	10904	31103	16670
82	Miscellaneous metal products	3754	3837	7516	4706	219	48744	301549	81699	195409	215050
83	Tractors and agri. implements	115	39	167	92	1	187	65	1686	2029	506
84	Industrial machinery(F & T)	105	1407	464	167	23	5291	49	6107	4054	1447
85	Industrial machinery(others)	34156	12222	11401	10419	100	2477	3110	11975	21186	14262
86	Machine tools	358	1287	1669	1009	2825	16443	3837	19918	44301	12497
87	Other non-electrical machinery	4043	1782	6140	1812	966	13807	2752	29878	86573	26606
88	Electrical industrial Machinery	851	207	2421	439	1	1730	1755	3225	15417	4701
89	Electrical wires & cables	42	14	1214	66	0	1724	28	789	3411	4618
90	Batteries	9	5	32	7	0	1149	23	494	2985	3506
91	Electrical appliances	27	64	315	732	113	596	49	1054	1990	1159
92	Communication equipments	1321	282	3989	341	7	4049	113	1413	6105	3934
93	Other electrical Machinery	33831	6814	3508	1193	15	7105	1912	11533	45882	24620
94	Electronic equipments(incl.TV)	2093	479	4544	500	4	3519	119	2113	12101	2232
95	Ships and boats	0	0	144	2	0	18	5	208	52	20
96	Rail equipments	46	60	188	380	33	7527	20	7427	14265	2431
97	Motor vehicles	60	146	147	820	0	109	0	8800	6126	8276
98	Motor cycles and scooters	0	0	9	71	0	86	0	3412	1171	6170
99	Bicycles, cycle-rickshaw	0	0	18	2	0	20	4	5176	3016	584
100	Other transport equipments	79	16	44	11	0	25	0	117	96	110
101	Watches and clocks	1863	373	3163	3	0	871	49	115	819	224
102	Medical, precision&optical instru.s	2057	459	21650	342	777	14164	2353	1386	17542	438

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	71	72	73	74	75	76	77	78	79	80
103	Jems & jewelry	1520	291	799	4	0	1626	175	180	1348	14577
104	Aircraft & spacecraft	0	0	0	0	0	0	0	0	0	0
105	Miscellaneous manufacturing	4289	2631	16946	3067	48	6159	323	762	3677	8495
106	Construction	14765	13600	56373	21731	18420	510665	15517	7499	21176	15348
107	Electricity	71842	51036	178294	109225	247557	150542	624377	152119	136681	169169
108	Water supply	479	57	384	246	4	486	3	72	56	71
109	Railway transport services	18261	19508	16225	30544	124356	48124	436614	75211	96684	149618
110	Land tpt including via pipeline	190043	172176	139136	234438	265367	300954	595638	167379	213153	276737
111	Water transport	2742	2172	3950	7758	16763	8287	32221	6134	6715	11857
112	Air transport	20153	20122	10474	13610	23783	25126	116438	18654	28117	36274
113	Supporting and aux. tpt activities	16035	11886	13424	13001	22059	20492	56849	12857	20186	23268
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	27678	6548	14129	11779	25445	12170	48282	12837	21295	47882
116	Trade	237724	273289	234260	248382	542286	412492	2867094	603223	722579	631273
117	Hotels and restaurants	0	9	0	0	0	0	0	0	0	0
118	Banking	206545	79601	87284	42481	103438	54538	437123	59622	122831	137028
119	Insurance	19693	21403	19278	9226	20157	18724	24476	7814	20903	16495
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	0	0	0	0	0	0	0	0	0	0
122	Medical and health	0	0	0	0	0	0	0	0	0	0
123	Business services	32377	7365	6360	1202	205	25615	12919	5656	23358	70916
124	Computer & related activities	4894	3985	12046	958	876	15977	5129	3384	24366	7456
125	Legal services	608	898	805	344	288	1666	8278	2666	3939	1709
126	Real estate activities	0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment	222	226	66	3	0	35	262	111	559	251
128	O.com, social&personal services	29331	7135	12134	41462	481	7033	61414	7548	47137	46460
129	Other services	11904	5212	10945	1715	1779	6158	1919	2386	3537	5286
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	3106109	2759876	2450928	1904836	3728462	3756277	15960142	4145608	6197688	5942567
	NIT	232450	183226	108743	142953	209874	286381	1237628	384742	503872	359221
	Total Input+NIT	3338560	2943102	2559671	2047790	3938335	4042658	17197769	4530351	6701561	6301788
	GVA	880399	876704	1075945	1394282	1710985	1319015	5181613	1006038	1554608	1138774
	Total Output	4218959	3819806	3635616	3442071	5649320	5361674	22379382	5536388	8256169	7440562

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	81	82	83	84	85	86	87	88	89	90
1	Paddy		0	88	0	0	8	0	0	0	0	0
2	Wheat		0	138	0	0	13	0	1	0	0	1
3	Jowar		0	9	0	0	1	0	0	0	0	0
4	Bajra		0	10	1	0	1	0	0	0	0	0
5	Maize		0	22	0	0	2	1	0	0	0	0
6	Gram		0	8	3	0	1	0	1	0	0	0
7	Pulses		0	62	0	0	7	0	1	0	0	0
8	Sugarcane		0	86	0	0	8	0	1	0	0	0
9	Groundnut		0	3	0	0	0	0	0	0	0	0
10	Coconut		0	98	0	0	0	2	9	0	0	0
11	Other oilseeds		0	30	4	0	4	0	2	0	0	0
12	Jute		0	2	0	0	1	3	3	0	0	0
13	Cotton		2	29	1	0	2	3	21	742	54	1
14	Tea		0	3	0	0	0	0	0	0	0	0
15	Coffee		0	2	0	0	0	0	0	0	0	0
16	Rubber		127	1795	247	186	343	2749	1567	366	764	11
17	Tobacco		0	0	0	0	0	0	0	0	0	0
18	Fruits		0	627	1	0	61	21	8	1	2	0
19	Vegetables		2	33	1	0	2	40	12	5	6	0
20	Other crops		9	356	6	3	64	322	310	93	3	15
21	Milk and milk products		0	253	0	0	24	0	1	0	0	0
22	Animal services(agricultural)		0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs		0	4	0	0	0	0	0	0	0	0
24	Other liv.st. produ.		105	1218	134	449	438	1701	14092	1055	714	3
25	Forestry and logging		2850	1371	1436	650	252	9943	2357	301	44	0
26	Fishing		0	157	0	0	15	0	1	0	0	0
27	Coal and lignite		12303	488042	5386	910	378	7179	27159	5373	451	60
28	Natural gas		1104	62600	1393	6940	4852	3732	33005	3319	162	86
29	Crude petroleum		0	15014	0	0	24	0	743	0	0	0
30	Iron ore		389	62825	145	25	382	1264	4178	440	68	2
31	Manganese ore		63	11224	30	4	83	278	815	204	5	543
32	Bauxite		10	6140	0	0	4	31	54	10	2	0
33	Copper ore		237	152290	0	0	0	469	881	86	49	0
34	Other metallic minerals		248	42161	41	40	56	287	650	209	32	806

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	81	82	83	84	85	86	87	88	89	90
35	Lime stone		12	1622	9	1	22	59	203	27	1	1
36	Mica		0	145	1	1	33	99	130	0	0	0
37	Other non metallic minerals		2787	23872	583	321	406	3005	4396	4773	1107	416
38	Sugar		5	1517	1	0	13	17	74	2	0	0
39	Khandsari, boora		0	55	0	0	4	13	8	3	0	0
40	Hydrogenated oil(vanaspati)		0	13	0	0	1	0	5	0	0	0
41	Edible oils other than vanaspati		3	177	1	2	15	204	115	38	2	0
42	Tea and coffee processing		0	2	0	0	0	1	0	0	0	0
43	Miscellaneous food products		15916	12165	501	2025	263	3675	2845	1132	55	115
44	Beverages		77	376	7	35	7	135	105	149	3	0
45	Tobacco products		0	1	0	0	0	1	1	0	0	0
46	Khadi, cotton textiles(handlooms)		8	63	4	15	5	147	96	31	18	0
47	Cotton textiles		54	400	18	80	27	871	530	184	90	0
48	Woolen textiles		3	49	0	1	2	86	61	447	32	1
49	Silk textiles		0	15	0	0	6	1	13	1	0	0
50	Art silk, synthetic fiber textiles		2017	2938	235	1177	652	4087	4615	3169	15817	250
51	Jute, hemp, mesta textiles		2530	1754	176	230	173	1668	2088	1460	892	135
52	Carpet weaving		21	117	4	1	0	24	98	24	0	0
53	Readymade garments		268	1935	86	131	163	886	4172	606	2710	75
54	Miscellaneous textile products		2979	12180	1078	4109	1278	6544	22078	6077	8933	685
55	Furniture and fixtures-wooden		2569	4037	2829	387	326	4675	3793	1320	73	27
56	Wood and wood products		4064	9984	2416	4034	3682	12598	29368	9208	3513	770
57	Paper, paper prods. & newsprint		7498	20460	1618	2551	1466	9755	26859	21279	8074	3042
58	Printing and publishing		7	1443	6	22	17	63	1014	75	6	0
59	Leather footwear		0	9	0	0	1	23	14	5	0	0
60	Leather and leather products		805	3329	1893	1531	1172	8083	6103	10664	1465	164
61	Rubber products		4215	12382	26890	4912	8767	26863	34903	13259	13367	1840
62	Plastic products		25291	105314	7944	6883	13970	64733	85492	48142	47891	7171
63	Petroleum products		44415	131956	5658	7278	6037	25074	73914	44820	10810	2965
64	Coal tar products		679	43560	66	231	173	749	1559	838	21	558
65	Inorganic heavy chemicals		5431	101377	1891	1912	1950	8304	32054	10509	13381	17590
66	Organic heavy chemicals		2755	17181	903	1773	1009	10725	22117	5069	13367	4577
67	Fertilizers		20	590	1015	3	3	81	237	4322	565	6
68	Pesticides		21	3730	24	2	10	52	1789	246	19	1423

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	81	82	83	84	85	86	87	88	89	90
69	Paints, varnishes and lacquers		5177	19953	1025	2454	1234	8941	15910	17673	2122	1649
70	Drugs and medicines		81	312	64	9	87	180	179	319	27	1
71	Soaps, cosmetics & glycerin		20	590	10	10	58	734	660	157	3	3
72	Synthetic fibers, resin		3355	28601	1331	1237	2519	40829	39617	17152	107174	11712
73	Other chemicals		15873	32192	2372	3113	2228	11852	20518	21794	18804	483
74	Structural clay products		38	1341	10	10	8	31	372	1595	116	2
75	Cement		21	2938	19	17	245	710	1029	45	9	0
76	Other non-metallic mineral prods.		2500	12775	444	1910	3632	4875	20626	9626	3839	2105
77	Iron, steel and ferro alloys		460911	1372426	215412	263630	211230	422556	2122884	673261	84970	5531
78	Iron and steel casting & forging		82722	297437	59893	57616	33883	88899	345870	82896	9105	1000
79	Iron and steel foundries		65817	265958	37708	25457	22635	62442	211416	123241	38749	2847
80	Non-ferrous basic metals		308972	1499416	109073	103773	83514	190751	994533	327310	464044	67864
81	Hand tools, hardware		114736	73328	13781	30641	31207	72663	192138	39275	2608	144
82	Miscellaneous metal products		157146	365746	116607	63107	55413	139233	623279	230253	102354	19773
83	Tractors and agri. implements		686	4986	134886	2904	3773	12105	50690	15728	1248	1228
84	Industrial machinery(F & T)		1599	17281	36643	126554	20573	40311	262907	49031	1939	298
85	Industrial machinery(others)		2634	16900	40492	9799	34280	37691	43657	4873	53	1012
86	Machine tools		49095	87295	140769	95799	92297	139282	702794	135645	24946	4474
87	Other non-electrical machinery		73053	330786	344335	197818	178187	306049	2386040	272900	21792	3061
88	Electrical industrial Machinery		6385	42286	4087	25505	7032	27221	137398	379812	38321	11805
89	Electrical wires & cables		1190	6098	703	395	412	5019	10839	104052	28869	5818
90	Batteries		2363	5221	3046	177	177	3140	7643	22421	865	40764
91	Electrical appliances		1613	7056	1209	2574	1123	8019	55967	8234	1872	114
92	Communication equipments		1757	19995	9901	2660	2746	17867	108459	49308	6554	4834
93	Other electrical Machinery		48967	149508	15295	82315	33665	116060	341614	417334	45798	17040
94	Electronic equipments(incl.TV)		8430	35016	2419	10687	8628	32027	80164	74622	4598	2145
95	Ships and boats		23	1358	19	4	19	514	1489	34	2	10
96	Rail equipments		4610	13042	68971	2820	12164	39798	30845	11170	4985	832
97	Motor vehicles		11088	22764	20016	1997	271	59199	29939	12018	900	143
98	Motor cycles and scooters		14993	36403	3756	149	12	26393	31210	1319	75	3
99	Bicycles, cycle-rickshaw		508	11144	881	48	92	982	5678	92	8	8
100	Other transport equipments		145	768	112	29	15	1412	2069	522	11	1
101	Watches and clocks		528	10198	134	464	675	12242	18759	3492	72	1
102	Medical, precision&optical instru.s		380	15317	140	310	3741	14419	17173	5310	116	4

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	81	82	83	84	85	86	87	88	89	90
103	Jems & jewelry		916	14621	119	245	1658	12846	7235	6260	181	192
104	Aircraft & spacecraft		0	0	0	0	0	1244	114	0	0	0
105	Miscellaneous manufacturing		10237	16107	3277	4893	7792	14528	22802	21307	10928	481
106	Construction		44203	45394	13104	13640	50219	91066	132315	109975	9519	1427
107	Electricity		36245	167501	34070	16309	11712	49976	179574	108003	30403	21095
108	Water supply		81	163	69	15	2	481	168	93	7	0
109	Railway transport services		13670	119241	6016	7168	10129	18723	65276	18857	4711	367
110	Land tpt including via pipeline		100057	299765	52292	49276	56212	139845	430944	177021	59913	9526
111	Water transport		1027	8292	243	186	228	1029	1975	853	173	56
112	Air transport		16809	45247	7932	7248	5564	15037	56521	21539	7461	1574
113	Supporting and aux. tpt activities		6932	28242	5393	4015	3671	10392	34449	11553	4237	834
114	Storage and warehousing		0	0	0	0	0	0	0	0	0	0
115	Communication		9243	36537	8087	7578	4376	14318	112985	107296	14853	21242
116	Trade		150909	728407	117695	95720	67692	194225	648981	241561	68921	19668
117	Hotels and restaurants		0	0	0	0	0	0	0	0	0	0
118	Banking		77782	222684	33019	34243	29235	122502	384575	135878	42264	11501
119	Insurance		18442	58459	19114	8606	10781	32455	177899	74621	9168	1874
120	Ownership of dwellings		0	0	0	0	0	0	0	0	0	0
121	Education and research		0	0	0	0	0	0	0	0	0	0
122	Medical and health		0	0	0	0	0	0	0	0	0	0
123	Business services		10192	82692	137485	10765	39359	78416	223958	60961	4650	3736
124	Computer & related activities		65571	37009	12390	14999	29229	51230	74227	29711	21461	981
125	Legal services		2864	6232	1583	2400	5336	10610	46973	10863	1136	1032
126	Real estate activities		0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment		66	649	33	15	20	416	1064	307	11	166
128	O.com, social&personal services		22581	140730	46882	2927	4552	16916	57468	51270	3422	7919
129	Other services		3936	8265	5682	1038	2766	3525	13401	5649	994	10809
130	Public administration		0	0	0	0	0	0	0	0	0	0
	Total Input		2181073	8234121	1954735	1446138	1236990	3045550	12033993	4506172	1455926	364524
	NIT		150384	558038	149783	117616	89194	214032	914604	294566	100223	34072
	Total Input+NIT		2331457	8792160	2104518	1563755	1326185	3259581	12948596	4800737	1556149	398596
	GVA		773836	2285798	694534	295325	436987	959394	3118223	935848	288505	98518
	Total Output		3105293	11077958	2799052	1859079	1763172	4218975	16066820	5736586	1844655	497114

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	91	92	93	94	95	96	97	98	99	100
1	Paddy		0	0	0	0	0	0	0	0	0	0
2	Wheat		0	0	0	0	0	0	0	0	0	0
3	Jowar		0	0	0	0	0	0	0	0	0	0
4	Bajra		0	0	0	0	0	0	0	0	0	0
5	Maize		0	0	0	0	0	0	0	0	0	0
6	Gram		0	0	0	0	0	0	0	0	0	0
7	Pulses		0	0	0	0	0	0	1	0	0	0
8	Sugarcane		0	0	1	0	0	0	0	0	0	0
9	Groundnut		0	0	0	0	0	0	0	0	0	0
10	Coconut		0	0	20	0	0	16	1	0	1	0
11	Other oilseeds		0	0	1	0	0	0	1	0	0	0
12	Jute		0	0	5	0	0	14	0	0	0	0
13	Cotton		7	6	76	20	0	0	0	0	0	0
14	Tea		0	0	0	0	0	0	0	0	0	0
15	Coffee		0	0	0	0	0	0	0	0	0	0
16	Rubber		274	130	974	371	15	4339	4765	176	2	16
17	Tobacco		0	0	0	0	0	0	0	0	0	0
18	Fruits		2	0	8	3	0	0	2	0	0	0
19	Vegetables		3	4	9	2	0	221	4	0	0	0
20	Other crops		94	258	317	255	10	447	597	0	0	3
21	Milk and milk products		0	0	0	0	0	0	0	0	0	0
22	Animal services(agricultural)		0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs		0	0	0	0	0	0	0	0	0	0
24	Other liv.st. produ.		1373	565	1596	614	54	167	1905	1	1	4
25	Forestry and logging		77	259	235	773	100	2249	2677	9	1	1083
26	Fishing		0	5	1	17	3	0	0	0	0	0
27	Coal and lignite		1143	309	120053	570	22	15430	7819	524	2684	27
28	Natural gas		1130	3088	5808	135	4	1171	363	15	77	0
29	Crude petroleum		0	0	0	0	0	0	0	0	0	0
30	Iron ore		421	3598	2670	11	2	5252	92	3	21	0
31	Manganese ore		92	583	1231	11	0	999	254	3	12	0
32	Bauxite		1	0	2283	4	0	130	2	0	33	0
33	Copper ore		15	0	56191	95	0	0	45	0	826	0
34	Other metallic minerals		71	973	14888	2943	1	135	747	4	218	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	91	92	93	94	95	96	97	98	99	100
35	Lime stone		20	171	172	2	0	210	5	0	1	0
36	Mica		0	137	407	422	0	1077	1	0	0	0
37	Other non metallic minerals		1767	1269	12311	3363	30	9061	3806	412	62	81
38	Sugar		1	0	279	3	0	36	16	2	8	0
39	Khandsari, boora		2	3	12	8	0	0	26	0	0	0
40	Hydrogenated oil(vanaspati)		0	0	1	0	0	0	0	0	0	0
41	Edible oils other than vanaspati		35	48	105	123	7	16	367	0	0	0
42	Tea and coffee processing		0	0	0	0	0	8	0	0	0	0
43	Miscellaneous food products		567	379	1820	549	7	1914	15407	76	34	2
44	Beverages		42	22	320	56	3	49	146	0	1	0
45	Tobacco products		0	0	3	0	0	8	0	0	0	0
46	Khadi, cotton textiles(handlooms)		22	27	70	67	4	36	528	1	0	0
47	Cotton textiles		132	166	426	413	26	136	3117	8	1	1
48	Woolen textiles		16	21	84	53	18	22	130	0	0	0
49	Silk textiles		1	6	11	23	1	0	0	0	0	0
50	Art silk, synthetic fiber textiles		1510	988	7654	1817	146	987	13341	392	6	42
51	Jute, hemp, mesta textiles		847	775	2085	544	31	1973	1477	875	479	76
52	Carpet weaving		5	0	6	1	0	3	116	51	0	92
53	Readymade garments		173	340	1540	1052	9	416	576	63	2	3
54	Miscellaneous textile products		3437	5087	7754	2901	95	1842	5634	913	338	178
55	Furniture and fixtures-wooden		2358	8564	1032	3776	145	387	5019	404	1325	58
56	Wood and wood products		5045	4760	9769	3744	258	7509	13161	1211	835	191
57	Paper, paper prods. & newsprint		9136	9122	19971	6866	246	3254	15473	2335	2103	810
58	Printing and publishing		181	764	122	317	1	8	42	0	1	0
59	Leather footwear		4	7	12	18	1	0	46	0	0	0
60	Leather and leather products		2212	1043	11251	1779	74	1301	76727	1713	3370	73
61	Rubber products		2747	1718	10936	3082	120	7210	228312	25280	9405	4575
62	Plastic products		30178	32898	48733	30235	1074	6897	110196	11928	2782	1281
63	Petroleum products		20472	18329	58382	10570	1037	38625	47925	10246	5590	1237
64	Coal tar products		238	782	9920	61	1	2381	93	1	118	0
65	Inorganic heavy chemicals		12741	10287	50913	7390	194	24238	11386	1174	651	303
66	Organic heavy chemicals		3220	6390	9161	3757	74	4501	13406	1203	198	448
67	Fertilizers		48	52	629	151	79	113	170	0	0	7
68	Pesticides		5	20	111	47	0	35	21	0	0	13

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	91	92	93	94	95	96	97	98	99	100
69	Paints, varnishes and lacquers		3733	2613	13470	2908	367	17306	38119	4498	1309	241
70	Drugs and medicines		24	48	183	56	1	280	72	1	0	1
71	Soaps, cosmetics & glycerin		823	380	832	475	36	153	1418	0	1	5
72	Synthetic fibers, resin		10979	21690	55211	20878	843	30400	60565	73479	1099	3511
73	Other chemicals		4912	6800	19308	4912	121	3615	26565	8466	4121	768
74	Structural clay products		19	32	174	42	0	17	3	0	2	0
75	Cement		112	324	2636	16	4	6911	8	0	2	0
76	Other non-metallic mineral prods.		26131	36325	19936	13513	303	20081	12660	739	91	58
77	Iron, steel and ferro alloys		141160	155883	276390	78420	18431	243112	1343794	65332	76477	7233
78	Iron and steel casting & forging		27688	19896	42255	8261	873	29844	179612	65849	4185	3393
79	Iron and steel foundries		24488	18258	106108	20960	2046	26278	286238	28886	37596	3359
80	Non-ferrous basic metals		79836	88390	505229	22673	1052	31649	125622	44439	8734	5786
81	Hand tools, hardware		9452	2642	25837	4154	371	10479	716554	136767	42715	8382
82	Miscellaneous metal products		66079	52483	176582	70069	1740	38103	310436	58944	9461	3563
83	Tractors and agri. implements		4800	1692	5021	1248	160	6105	9507	4983	73	312
84	Industrial machinery(F & T)		12106	1229	7187	3352	23	842	20252	404	53	32
85	Industrial machinery(others)		2574	1255	7554	206	41	702	4412	54	77	33
86	Machine tools		22885	11260	66125	11560	1883	43972	424933	66423	9518	5961
87	Other non-electrical machinery		64531	57997	106157	60301	7561	54089	1630962	190174	10799	10593
88	Electrical industrial Machinery		31192	48609	64957	40526	1522	3968	106049	5369	222	331
89	Electrical wires & cables		9639	23743	42549	24868	39	2178	22038	298	11	11
90	Batteries		3280	7210	21809	10397	5	314	9359	2972	51	140
91	Electrical appliances		28955	24537	18486	12225	355	1687	114557	8549	119	666
92	Communication equipments		129120	539983	66389	326019	5208	16967	28143	1266	53	65
93	Other electrical Machinery		65054	264947	132762	513651	3813	100340	579179	57682	8865	15091
94	Electronic equipments(incl.TV)		26697	175374	72468	377561	7217	28784	61765	713	2664	29
95	Ships and boats		12	1	138	14	592003	41	3269	12	1	0
96	Rail equipments		2869	6375	12127	596	166	324005	279261	1616	152	302
97	Motor vehicles		3535	736	15041	1954	14	13798	1353530	131477	1883	6836
98	Motor cycles and scooters		423	46	4244	390	0	1210	151930	992748	17152	47186
99	Bicycles, cycle-rickshaw		25	3	157	476	0	530	4655	7534	188595	354
100	Other transport equipments		138	139	472	345	18	215	19661	1025	0	1755
101	Watches and clocks		2419	3112	6854	7807	436	17	23496	1	3	2
102	Medical, precision&optical instru.s		3432	5088	13289	10560	490	835	25761	2681	61	141

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	91	92	93	94	95	96	97	98	99	100
103	Jems & jewelry		2118	2319	9113	5679	316	35	17058	2	7	0
104	Aircraft & spacecraft		0	610	2698	0	0	0	0	0	0	0
105	Miscellaneous manufacturing		13326	7566	15096	5341	1946	2269	11789	30438	3700	1455
106	Construction		18643	48735	37189	24823	444	37728	81630	6099	5704	437
107	Electricity		38193	73970	96313	64434	1931	33517	261053	95108	9999	5270
108	Water supply		29	5	135	15	0	150	11646	43	0	0
109	Railway transport services		5508	7151	33937	7665	1043	9651	50560	8682	2346	627
110	Land tpt including via pipeline		55727	64318	203694	81879	4701	49640	468801	85452	42696	6698
111	Water transport		385	395	2616	474	30	794	1905	277	117	32
112	Air transport		6956	10381	16745	9742	562	7553	44584	8663	2511	852
113	Supporting and aux. tpt activities		3795	4529	12147	5296	263	3823	36495	6578	4215	476
114	Storage and warehousing		0	0	0	0	0	0	0	0	0	0
115	Communication		96284	415982	42364	194148	556	4309	49645	41848	2280	5469
116	Trade		73436	105863	229261	108937	4073	112146	788546	293377	104388	18118
117	Hotels and restaurants		0	0	0	0	0	0	0	0	0	0
118	Banking		84504	46553	114168	62648	5615	42435	683548	118151	10595	7852
119	Insurance		22181	58439	26979	37051	5558	15447	164379	47367	1442	2417
120	Ownership of dwellings		0	0	0	0	0	0	0	0	0	0
121	Education and research		0	0	0	0	0	0	0	0	0	0
122	Medical and health		0	0	0	0	0	0	0	0	0	0
123	Business services		31789	53014	34842	42093	608	3223	112849	3939	3965	2995
124	Computer & related activities		5790	6057	15997	7311	2836	8764	27789	2860	10449	282
125	Legal services		5349	5511	8400	2744	358	871	20298	12425	5185	1166
126	Real estate activities		0	0	0	0	0	0	0	0	0	0
127	Renting of machinery & equipment		97	397	242	658	4	64	4288	699	1150	800
128	O.com, social&personal services		87488	66726	53967	24066	1252	1347	20588	324	187	51
129	Other services		2136	1910	4830	1677	826	1209	7103	2700	2359	3206
130	Public administration		0	0	0	0	0	0	0	0	0	0
	Total Input		1464722	2673482	3341041	2427092	683957	1538623	11424882	2787437	670630	194945
	NIT		100551	202664	220388	192669	-46853	98010	736411	194052	28145	14484
	Total Input+NIT		1565274	2876146	3561429	2619761	637104	1636633	12161292	2981490	698775	209429
	GVA		368284	511023	853042	557501	149241	529183	1924205	597939	127990	68400
	Total Output		1933557	3387169	4414470	3177262	786346	2165816	14085497	3579429	826766	277829

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	101	102	103	104	105	106	107	108	109	110
1	Paddy		0	0	0	0	984	36	129	0	0	5
2	Wheat		0	0	2	0	1552	56	196	0	0	349
3	Jowar		0	0	0	0	102	5	13	0	0	0
4	Bajra		0	0	0	0	111	6	15	0	0	176
5	Maize		0	11	0	0	256	10	33	0	0	0
6	Gram		0	0	0	0	90	3	14	0	0	16855
7	Pulses		0	2	0	0	675	25	90	0	0	6488
8	Sugarcane		0	156	0	0	1302	787	7890	0	0	0
9	Groundnut		0	0	0	0	779	240	1258	0	0	0
10	Coconut		0	5	4	0	213	72	221	0	0	0
11	Other oilseeds		0	55	0	0	2037	549	3321	0	0	0
12	Jute		0	5	3	0	13	2	8	0	0	0
13	Cotton		0	189	5	0	135	4	41	0	0	0
14	Tea		0	1	0	0	28	11	22	0	0	0
15	Coffee		0	0	0	0	20	7	14	0	0	0
16	Rubber		5	941	28	1	5685	485	20	0	0	0
17	Tobacco		0	0	0	0	1	0	0	0	0	0
18	Fruits		0	241	0	0	6882	285	894	0	0	0
19	Vegetables		0	9	0	0	150	12	19	0	0	0
20	Other crops		4	494	28	0	3232	266085	1979	113	0	1161463
21	Milk and milk products		0	34	0	0	2911	107	362	0	0	0
22	Animal services(agricultural)		0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs		0	3	0	0	55	2	6	0	0	0
24	Other liv.st. produ.		11	794	70	0	9426	34992	210	3	0	0
25	Forestry and logging		2	179	68	0	29497	2541310	6328	0	25	0
26	Fishing		0	0	0	0	1674	63	347	0	0	0
27	Coal and lignite		4	1479	22854	19	11163	4899	1445276	34	7133	0
28	Natural gas		0	769	668	3	1953	1379	377755	378	0	0
29	Crude petroleum		0	0	0	0	0	0	16140	0	0	0
30	Iron ore		0	979	42	3	878	1694	3314	0	0	0
31	Manganese ore		0	401	76	0	297	274	567	0	0	0
32	Bauxite		0	51	435	0	129	32	57	0	0	0
33	Copper ore		0	9	10912	0	1212	67	1183	0	0	0
34	Other metallic minerals		0	55	3766	1	657	85	720	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	101	102	103	104	105	106	107	108	109	110
35	Lime stone		0	89	2	0	85	81	210	0	0	0
36	Mica		0	423	6	0	256	3	43	0	0	0
37	Other non metallic minerals		32	3491	848068	10	8252	1543323	1303	0	0	0
38	Sugar		0	89	54	0	829	76	349	0	0	0
39	Khandsari, boora		0	51	2	0	581	47	99	0	0	0
40	Hydrogenated oil(vanaspati)		0	1	2	0	209	20	314	0	0	0
41	Edible oils other than vanaspati		3	208	13	0	2808	161	1644	0	0	5527
42	Tea and coffee processing		0	2	0	0	12	1	3	0	0	0
43	Miscellaneous food products		0	1190	176	4	7163	755	5480	0	0	2805
44	Beverages		1	96	19	0	703	29	364	122	0	0
45	Tobacco products		0	4	0	0	4	0	0	0	0	0
46	Khadi, cotton textiles(handlooms)		1	193	49	0	1226	29	125	0	0	0
47	Cotton textiles		9	1118	211	0	7089	105	527	0	436	3565
48	Woolen textiles		1	64	500	15	671	9	136	0	0	23236
49	Silk textiles		0	458	25	0	119	4	66	0	0	0
50	Art silk, synthetic fiber textiles		39	8441	904	2	20911	135	3478	0	0	0
51	Jute, hemp, mesta textiles		76	1169	287	3	4898	266545	255	10	22	0
52	Carpet weaving		0	0	0	0	52	1	12	0	0	0
53	Readymade garments		1	4860	155	24	1924	57076	31620	1403	47	11234
54	Miscellaneous textile products		169	4113	706	8	17653	16038	1110	49	78	893629
55	Furniture and fixtures-wooden		8	1384	45	11	8732	34261	32649	2398	134	4324
56	Wood and wood products		631	6800	7513	14	33976	1282027	1617	34	26	625
57	Paper, paper prods. & newsprint		891	11214	2677	13	66453	145877	30570	2748	2268	217848
58	Printing and publishing		8	333	20	0	6014	64113	22357	1916	4186	155260
59	Leather footwear		0	19	1	0	215	3	154	0	0	7372
60	Leather and leather products		10168	5782	176	11	18109	613	471	0	0	127
61	Rubber products		146	9406	203	55	17525	9109	3204	271	37	1518850
62	Plastic products		2203	37064	8161	74	197964	24818	1844	239	32	331780
63	Petroleum products		682	20216	13909	497	40189	1157745	1278579	3828	117422	12693943
64	Coal tar products		0	970	1513	0	983	1505733	45408	0	88	0
65	Inorganic heavy chemicals		57	14956	7662	13	20671	926	11852	3343	0	795
66	Organic heavy chemicals		12	8155	245	11	22487	1467	7304	2179	0	0
67	Fertilizers		1	50	4	0	706	40937	1197	18915	0	0
68	Pesticides		0	14	1	0	550	9357	4702	0	3	782

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	101	102	103	104	105	106	107	108	109	110
69	Paints, varnishes and lacquers		105	2218	692	33	20442	1008029	777	0	0	83525
70	Drugs and medicines		0	4987	6	0	6499	319	372	0	8	392
71	Soaps, cosmetics & glycerin		20	795	128	0	7132	27	172	132	0	0
72	Synthetic fibers, resin		304	22774	1547	35	196519	3347	2534	0	0	1152
73	Other chemicals		69	10142	5237	11	16886	1191	81391	2755	155	750
74	Structural clay products		0	8	0	0	1012	3040927	119	0	0	0
75	Cement		0	2594	54	0	2166	4998843	341	0	0	0
76	Other non-metallic mineral prods.		642	13063	494	28	9977	2967193	1201	23	387	45810
77	Iron, steel and ferro alloys		233	15901	4928	984	318862	7416127	10686	1624	148	366
78	Iron and steel casting & forging		53	7228	2050	94	62228	3827	6785	0	0	0
79	Iron and steel foundries		122	6750	6170	125	55761	3596241	3775	1004	131	302
80	Non-ferrous basic metals		3038	12121	143686	408	168399	6049	16355	0	0	202
81	Hand tools, hardware		6282	1345	489	33	17871	1474	703	98	207	293522
82	Miscellaneous metal products		169	25466	9715	487	163325	3108649	7782	1662	315	12908
83	Tractors and agri. implements		10	978	48	7	6818	79	55	0	0	0
84	Industrial machinery(F & T)		3	3030	155	3	5081	273	331	0	0	0
85	Industrial machinery(others)		0	825	362	1	2144	79654	392	0	0	0
86	Machine tools		233	9799	431	232	35776	1119	888	0	1690	0
87	Other non-electrical machinery		491	19082	958	333	195919	158849	196951	8290	5180	872186
88	Electrical industrial Machinery		136	19945	349	130	56034	216	430660	411	5934	0
89	Electrical wires & cables		4	7487	67	2	4037	899020	396	0	144	109083
90	Batteries		1348	72	85	3	1865	1827	1074	60	20	283780
91	Electrical appliances		609	3048	8	3	2571	4652	1938	104	2480	184
92	Communication equipments		3118	39539	609	131	80914	61	143	1070	9837	1145
93	Other electrical Machinery		4926	17800	65709	198	118705	1098	226642	523	3862	45
94	Electronic equipments(incl.TV)		1479	44265	707	104	103053	12655	11277	1816	364	1255
95	Ships and boats		0	1472	0	8	16891	1199	5012	288	71	0
96	Rail equipments		4	471	22	351	6978	369	41	0	1023838	0
97	Motor vehicles		5	333	451	0	6556	71673	77594	1156	643	1150245
98	Motor cycles and scooters		0	0	0	0	1255	3436	2289	14	2	24
99	Bicycles, cycle-rickshaw		0	185	14	0	390	534	487	133	8	220
100	Other transport equipments		7	441	33	0	4500	22	2	0	0	1385
101	Watches and clocks		91092	32330	806	6	105350	14	58	0	4489	0
102	Medical, precision&optical instru.s		177	218449	843	5	118781	49	35	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity Commodity	101	102	103	104	105	106	107	108	109	110
103	Jems & jewelry	147	7225	4050123	4	79136	12	37	0	0	0
104	Aircraft & spacecraft	0	0	0	86295	136	0	0	0	0	0
105	Miscellaneous manufacturing	3512	18295	996537	573	11547	515781	101571	2165	126587	212638
106	Construction	12265	19821	109226	913	44061	13205306	279663	124215	489340	396150
107	Electricity	5601	73482	28482	699	88443	1034287	2718284	31505	572549	263882
108	Water supply	0	12	0	0	45	188648	15795	136079	231	10077
109	Railway transport services	376	72207	581664	30	51351	435052	207145	2682	7663	89299
110	Land tpt including via pipeline	34555	187840	1091912	2326	322317	4182140	292471	206332	60080	1262925
111	Water transport	19	6381	27821	7	4422	109991	29963	82	1483	126797
112	Air transport	106	8410	60892	22	12270	36058	7544	337	610	17766
113	Supporting and aux. tpt activities	3356	32660	25301	18	30045	420679	28773	450	1156	95475
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	0	632	130907	3	6302	95861	123229	5330	7947	650240
116	Trade	20951	57560	332715	404	241617	8318603	936642	3801	83829	3829334
117	Hotels and restaurants	0	0	0	0	0	40064	93123	17548	10168	4923038
118	Banking	7468	128730	319281	339	313073	2059161	724093	35499	107459	313770
119	Insurance	4634	38012	8680	640	67907	543476	84572	794	474	417614
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	0	0	0	0	0	8	0	0	8995	0
122	Medical and health	0	0	0	0	0	0	0	0	96595	0
123	Business services	8567	9497	255736	119	32873	1301677	5232	47296	2467	1400659
124	Computer & related activities	5062	8576	42254	1191	18609	8671	2870	228	6837	27996
125	Legal services	38	435	47518	522	1839	31138	1078	970	998	7118
126	Real estate activities	0	0	0	0	0	142380	0	0	0	0
127	Renting of machinery & equipment	129	361	3020	6	854	10671	22	288	68141	44274
128	O.com, social&personal services	70	9431	156960	1185	57661	6391	40285	943	55	77475
129	Other services	953	46468	7578	972	3730	39674	2337	900	1098	24042
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	237656	1420265	9455732	100820	3903057	69129780	10141469	676589	2846608	34106087
	NIT	10593	97741	213310	1388	234890	3884479	264675	4411	54292	4639925
	Total Input+NIT	248249	1518005	9669042	102207	4137947	73014259	10406143	681000	2900900	38746013
	GVA	277756	512824	2822569	15900	1259789	38919631	6795606	923900	4360800	21302748
	Total Output	526006	2030829	12491612	118108	5397736	111933890	17201750	1604900	7261700	60048761

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

		Rs. Lakhs										
Sector/ Code	Commodity	Commodity	111	112	113	114	115	116	117	118	119	120
1	Paddy		16	0	0	0	0	21649	480769	0	0	0
2	Wheat		28	0	5	0	0	5731	306946	0	0	0
3	Jowar		0	0	0	0	0	252	0	0	0	0
4	Bajra		0	0	0	0	0	344	391	0	0	0
5	Maize		0	0	0	0	0	411	4	0	0	0
6	Gram		0	0	0	0	0	372	3295	0	0	0
7	Pulses		0	0	0	0	0	8051	702159	0	0	0
8	Sugarcane		0	0	0	0	0	18962	121459	0	0	0
9	Groundnut		0	0	0	0	0	10881	0	0	0	0
10	Coconut		0	0	0	0	0	2140	273	0	0	0
11	Other oilseeds		0	0	0	0	0	27092	0	0	0	0
12	Jute		0	0	0	0	0	298	0	0	0	0
13	Cotton		0	0	0	0	0	489	0	0	0	0
14	Tea		0	0	0	0	0	10225	0	0	0	0
15	Coffee		0	0	0	0	0	6392	0	0	0	0
16	Rubber		0	0	0	0	0	8873	0	0	0	0
17	Tobacco		0	6	0	0	0	365	0	0	0	0
18	Fruits		0	0	0	0	0	10631	109649	0	0	0
19	Vegetables		0	0	0	0	0	404	676060	0	0	0
20	Other crops		2627	1	0	0	0	8066	591046	0	0	0
21	Milk and milk products		0	0	0	0	0	3634	1781690	0	0	0
22	Animal services(agricultural)		0	0	0	0	0	4050	0	0	0	0
23	Poultry & Eggs		0	0	0	0	0	86	542290	0	0	0
24	Other liv.st. produ.		0	0	0	0	0	43198	599779	0	0	0
25	Forestry and logging		0	0	0	0	0	93492	0	0	0	0
26	Fishing		0	0	0	0	0	1885	67318	0	0	0
27	Coal and lignite		6	0	0	0	0	19565	5003	0	0	0
28	Natural gas		0	0	0	0	0	18688	0	0	0	0
29	Crude petroleum		0	0	0	0	0	30702	0	0	0	0
30	Iron ore		0	0	0	0	0	4415	0	0	0	0
31	Manganese ore		0	0	0	0	0	808	0	0	0	0
32	Bauxite		0	0	0	0	0	97	0	0	0	0
33	Copper ore		0	0	0	0	0	1349	0	0	0	0
34	Other metallic minerals		0	0	0	0	0	982	0	0	0	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	111	112	113	114	115	116	117	118	119	120
35	Lime stone		0	0	0	0	0	822	0	0	0	0
36	Mica		0	0	0	0	0	125	0	0	0	0
37	Other non metallic minerals		0	0	0	0	0	13239	0	0	0	0
38	Sugar		0	0	0	0	0	3715	225617	0	0	0
39	Khandsari, boora		0	0	0	0	0	3281	198262	0	0	0
40	Hydrogenated oil(vanaspati)		30	0	0	0	0	1803	341092	0	0	0
41	Edible oils other than vanaspati		390	0	0	0	0	9090	354304	0	0	0
42	Tea and coffee processing		11	0	0	0	0	581	202810	0	0	0
43	Miscellaneous food products		616	0	0	216	0	25127	1906617	0	7067	0
44	Beverages		129	0	0	0	0	1575	343018	0	4713	0
45	Tobacco products		0	0	0	0	0	742	102	0	0	0
46	Khadi, cotton textiles(handlooms)		0	0	0	0	0	5162	0	0	0	0
47	Cotton textiles		0	0	0	0	0	20397	0	0	0	0
48	Woolen textiles		0	0	0	0	0	1763	0	0	0	0
49	Silk textiles		0	0	0	0	0	636	0	0	0	0
50	Art silk, synthetic fiber textiles		0	0	0	0	0	25704	0	0	3389	0
51	Jute, hemp, mesta textiles		0	0	739	4775	0	61416	0	0	0	0
52	Carpet weaving		0	0	0	0	0	122	765	0	0	0
53	Readymade garments		7457	15290	131	1566	6194	8613	248855	14868	7692	0
54	Miscellaneous textile products		1119	0	0	7707	0	23463	13	0	0	0
55	Furniture and fixtures-wooden		10671	20842	222	297	13894	19548	155204	30910	21795	0
56	Wood and wood products		0	0	575	4318	0	80848	0	385	0	0
57	Paper, paper prods. & newsprint		2062	3988	72372	6709	35379	278032	123400	65727	52023	0
58	Printing and publishing		1742	2147	87900	314	24179	534964	20436	72927	71121	0
59	Leather footwear		0	0	0	0	0	194	0	0	0	0
60	Leather and leather products		0	0	0	0	0	54938	0	0	0	0
61	Rubber products		4029	7601	6507	28	4803	38998	157	6587	5710	0
62	Plastic products		6634	142037	34020	2906	9450	124836	0	0	0	0
63	Petroleum products		33539	193067	53577	3908	105646	1015261	153474	73215	53565	0
64	Coal tar products		0	0	0	0	0	2488	0	0	0	0
65	Inorganic heavy chemicals		0	0	0	1502	0	46184	0	0	0	0
66	Organic heavy chemicals		0	3	0	0	0	66727	0	0	0	0
67	Fertilizers		0	0	0	0	0	20195	0	0	0	0
68	Pesticides		0	0	0	6014	0	3163	160	1	1	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	111	112	113	114	115	116	117	118	119	120
69	Paints, varnishes and lacquers	85158	64624	12396	9	0	14861	0	0	0	0
70	Drugs and medicines	7	0	0	0	0	38454	0	0	0	0
71	Soaps, cosmetics & glycerin	74	11179	0	0	0	9130	25422	0	0	0
72	Synthetic fibers, resin	0	0	0	0	0	66987	0	0	0	0
73	Other chemicals	5	17427	0	197	0	43195	5	0	0	0
74	Structural clay products	0	0	0	109	0	941	0	0	0	0
75	Cement	0	0	0	101	0	1554	0	0	0	0
76	Other non-metallic mineral prods.	0	0	0	0	0	8869	9076	3	3	0
77	Iron, steel and ferro alloys	0	0	46	298	0	270810	0	0	0	0
78	Iron and steel casting & forging	0	0	0	0	0	52012	0	0	0	0
79	Iron and steel foundries	0	0	30	256	0	57608	0	0	0	0
80	Non-ferrous basic metals	0	0	0	1	0	97798	0	0	0	0
81	Hand tools, hardware	3417	24	0	0	0	792649	11	0	0	0
82	Miscellaneous metal products	114	146	26	576	4943	81913	345	17036	22493	0
83	Tractors and agri. implements	0	0	0	0	0	4028	0	0	0	0
84	Industrial machinery(F & T)	0	0	0	0	0	14567	0	0	0	0
85	Industrial machinery(others)	0	0	0	0	0	7648	0	0	0	0
86	Machine tools	0	0	0	1	0	113673	0	0	0	0
87	Other non-electrical machinery	5236	0	103	11388	18525	258174	146662	16237	7271	0
88	Electrical industrial Machinery	0	0	0	0	0	29901	0	1289	0	0
89	Electrical wires & cables	6513	2416	0	0	10019	7831	0	0	0	0
90	Batteries	370	372	1443	6	784	4495	205	1699	1230	0
91	Electrical appliances	243	6373	10	14	1372	16605	14494	1968	2236	0
92	Communication equipments	3263	0	0	0	1127873	48452	20122	29	0	0
93	Other electrical Machinery	180	0	0	0	34127	118053	23320	0	0	0
94	Electronic equipments(incl.TV)	3596	6956	33067	139	5528	38126	67755	131506	25403	0
95	Ships and boats	196858	0	36	3887	615	4862	138	2277	16543	0
96	Rail equipments	0	0	0	0	0	44729	0	0	0	0
97	Motor vehicles	1852	3343	29464	181	19350	157779	3205	13973	51964	0
98	Motor cycles and scooters	2	0	1	2	116	17842	15	39541	16033	0
99	Bicycles, cycle-rickshaw	11	0	12	17	356	1935	5	1756	683	0
100	Other transport equipments	0	402	0	0	0	2325	0	1	1	0
101	Watches and clocks	0	0	0	0	0	8392	0	0	0	0
102	Medical, precision&optical instru.s	0	0	0	0	0	16379	0	0	5475	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	111	112	113	114	115	116	117	118	119	120
103	Jems & jewelry		0	0	0	0	0	48077	0	0	0	0
104	Aircraft & spacecraft		0	42742	0	0	0	876	0	0	0	0
105	Miscellaneous manufacturing		1878	137531	1	2248	14514	253029	52914	25500	3133	0
106	Construction		13575	71199	65378	15071	81666	412648	475299	303486	11570	970257
107	Electricity		9895	25067	95795	61863	146430	609254	251339	265271	93171	0
108	Water supply		10977	2298	3	210	678	1416	11839	8864	856	0
109	Railway transport services		735	2840	19995	1902	13136	45895	24073	90038	43677	0
110	Land tpt including via pipeline		63980	173941	447623	11089	90228	3618891	686968	311264	170464	0
111	Water transport		361	2179	535	67	1081	13544	46862	787	850	0
112	Air transport		475	591	1828	86	5762	28524	13969	61442	9870	0
113	Supporting and aux. tpt activities		845	2496	8258	486	2183	44163	76185	3401	3589	0
114	Storage and warehousing		160	0	8974	0	0	432813	2276	0	0	0
115	Communication		20059	64030	172074	0	67714	292621	62028	570973	230387	0
116	Trade		58166	96765	34921	7377	68494	825389	2060422	48360	31621	0
117	Hotels and restaurants		19347	30530	394292	6065	23048	1122787	947422	465964	220530	0
118	Banking		5481	11047	74421	5009	19483	2861867	372718	873729	81198	182248
119	Insurance		17529	22625	71810	7552	4568	502687	85304	216959	62050	0
120	Ownership of dwellings		0	0	0	0	0	0	0	0	0	0
121	Education and research		3853	42609	0	0	79324	2	0	0	0	0
122	Medical and health		0	0	0	0	11066	0	0	0	51146	0
123	Business services		11589	13308	60734	3352	13614	631262	22247	83265	8220	1
124	Computer & related activities		2624	30970	8838	5049	6386	90167	22685	28441	1415	112
125	Legal services		914	1268	26433	1839	3344	49216	8069	10204	3820	0
126	Real estate activities		2211	0	0	0	1808	1	0	0	0	0
127	Renting of machinery & equipment		2386	6349	518	0	4650	1086	287	0	0	0
128	O.com, social&personal services		69	624	45419	79	15331	49166	48224	59851	902	0
129	Other services		733	1081	987	1000	2796	7410	11400	1834	2101	2
130	Public administration		0	0	0	0	0	0	0	0	0	0
	Total Input		625845	1280336	1871522	187788	2100457	17253700	15855728	3921568	1406983	1152619
	NIT		14258	110661	66765	-570	140443	792909	53704	153054	63895	24136
	Total Input+NIT		640103	1390998	1938287	187218	2240900	18046609	15909433	4074622	1470878	1176756
	GVA		918771	1068322	2134459	271604	6606900	71503453	7818512	20461000	4658500	23862459
	Total Output		1558874	2459320	4072745	458822	8847800	89550062	23727944	24535622	6129378	25039215

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	121	122	123	124	125	126	127	128	129	130
1	Paddy	3115	8154	16	0	2	1	21	14	4	0
2	Wheat	3414	3811	24	0	3	1	22	21	6	0
3	Jowar	0	0	0	0	0	0	43	0	0	0
4	Bajra	0	0	0	0	0	0	60	0	0	0
5	Maize	0	0	0	0	0	0	10	0	0	0
6	Gram	0	0	0	0	0	0	4	0	0	0
7	Pulses	1755	11181	76	0	11	3	11	66	18	0
8	Sugarcane	0	0	0	0	0	0	697	0	0	0
9	Groundnut	0	0	0	0	0	0	11	0	0	0
10	Coconut	0	0	0	0	0	0	1	0	1	0
11	Other oilseeds	0	0	0	0	0	0	51	0	0	0
12	Jute	0	0	0	0	0	0	0	0	0	0
13	Cotton	0	0	0	0	0	0	0	0	0	0
14	Tea	0	0	0	0	0	0	18	0	0	0
15	Coffee	0	0	0	0	0	0	11	0	0	0
16	Rubber	0	0	0	0	0	0	36	0	11	0
17	Tobacco	0	0	0	0	0	0	4	0	0	0
18	Fruits	0	0	0	0	0	0	965	0	0	0
19	Vegetables	0	0	0	0	0	0	11	0	0	0
20	Other crops	15745	54931	4366	0	636	166	54	3967	1050	0
21	Milk and milk products	4130	17564	119	0	17	5	60	104	28	0
22	Animal services(agricultural)	0	0	0	0	0	0	0	0	0	0
23	Poultry & Eggs	0	0	0	0	0	0	1	0	0	0
24	Other liv.st. produ.	400	1719	5666	0	825	215	40	5148	1372	0
25	Forestry and logging	0	0	0	0	0	0	7	0	213	0
26	Fishing	0	0	0	0	0	0	23	0	0	0
27	Coal and lignite	0	0	437	0	51	13	29	325	197	0
28	Natural gas	0	0	0	0	0	0	124	0	8	0
29	Crude petroleum	0	0	0	0	0	0	1	0	0	0
30	Iron ore	0	0	0	0	0	0	0	0	11	0
31	Manganese ore	0	0	0	0	0	0	1	0	4	0
32	Bauxite	0	0	0	0	0	0	0	0	1	0
33	Copper ore	0	0	0	0	0	0	0	0	0	0
34	Other metallic minerals	0	0	0	0	0	0	0	0	1	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	121	122	123	124	125	126	127	128	129	130
35	Lime stone		0	0	0	0	0	0	0	0	1	0
36	Mica		0	0	0	0	0	0	0	0	4	0
37	Other non metallic minerals		0	0	0	0	0	0	32	0	41	0
38	Sugar		0	0	0	0	0	0	428	0	0	0
39	Khandsari, boora		0	0	0	0	0	0	749	0	0	0
40	Hydrogenated oil(vanaspati)		0	0	0	0	0	0	13	0	0	0
41	Edible oils other than vanaspati		0	0	0	0	0	0	41	0	4	0
42	Tea and coffee processing		0	0	0	0	0	0	4	0	0	0
43	Miscellaneous food products		0	0	0	0	0	0	1790	0	104	0
44	Beverages		0	0	0	0	0	0	361	0	2	0
45	Tobacco products		0	0	0	0	0	0	8	0	0	0
46	Khadi, cotton textiles(handlooms)		0	0	0	0	0	0	0	0	3	0
47	Cotton textiles		0	0	1859	0	276	39	1	1450	984	0
48	Woolen textiles		0	0	0	0	0	0	3	0	2	0
49	Silk textiles		0	0	0	0	0	0	0	0	0	0
50	Art silk, synthetic fiber textiles		0	0	0	0	0	0	1	0	47	0
51	Jute, hemp, mesta textiles		0	0	0	0	0	0	20	0	19	0
52	Carpet weaving		0	0	0	10153	0	0	0	0	0	0
53	Readymade garments		12339	59116	0	6883	0	0	7	90	486	0
54	Miscellaneous textile products		6769	36756	13819	3509	2013	525	61	12561	3347	0
55	Furniture and fixtures-wooden		34981	134332	118722	0	2135	4511	5	28769	29145	0
56	Wood and wood products		0	0	0	0	0	0	17	0	122	0
57	Paper, paper prods. & newsprint		6152	15060	28181	0	4100	1071	191	10615	7720	0
58	Printing and publishing		43966	33609	6470	24693	9067	246	1	6024	3423	0
59	Leather footwear		0	0	0	0	0	0	0	0	0	0
60	Leather and leather products		0	0	0	0	0	0	20	0	38	0
61	Rubber products		673	1016	0	0	0	0	47	7	353	0
62	Plastic products		0	0	0	0	0	0	276	0	651	0
63	Petroleum products		25045	48119	2191	0	319	83	436	3278	4141	0
64	Coal tar products		0	0	0	0	0	0	1	0	9	0
65	Inorganic heavy chemicals		1826	4523	0	0	0	0	398	0	716	0
66	Organic heavy chemicals		18602	43710	0	0	0	0	259	0	171	0
67	Fertilizers		0	0	0	0	0	0	734	0	3	0
68	Pesticides		0	1	0	0	0	0	6	0	67	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	121	122	123	124	125	126	127	128	129	130
69	Paints, varnishes and lacquers		0	0	0	0	0	0	9	0	130	0
70	Drugs and medicines		45524	1887501	7366	0	1073	280	17	5054	36386	0
71	Soaps, cosmetics & glycerin		0	0	0	0	0	0	13	0	1009	0
72	Synthetic fibers, resin		0	0	0	0	0	0	113	0	455	0
73	Other chemicals		0	0	10576	0	98	402	167	5086	4055	0
74	Structural clay products		0	0	0	0	0	0	0	0	29	0
75	Cement		0	0	0	0	0	0	0	0	45	0
76	Other non-metallic mineral prods.		1	2	1617	0	190	24	14	994	621	0
77	Iron, steel and ferro alloys		0	0	0	0	0	0	178	3	388	0
78	Iron and steel casting & forging		0	0	0	0	0	0	26	0	136	0
79	Iron and steel foundries		0	0	0	0	0	0	41	0	105	0
80	Non-ferrous basic metals		0	0	0	0	0	0	17	0	246	0
81	Hand tools, hardware		0	0	1128	0	164	43	88	1025	322	0
82	Miscellaneous metal products		430	6266	16132	0	2350	613	104	3591	4250	0
83	Tractors and agri. implements		0	0	0	0	0	0	0	0	18	0
84	Industrial machinery(F & T)		0	0	0	0	0	0	39	0	9	0
85	Industrial machinery(others)		0	0	0	0	0	0	9	0	7	0
86	Machine tools		0	0	0	0	0	0	87	0	66	0
87	Other non-electrical machinery		3211	8762	256	0	37	10	240	289	837	0
88	Electrical industrial Machinery		0	0	0	0	0	0	37	0	188	0
89	Electrical wires & cables		0	0	0	0	0	0	3	0	24	0
90	Batteries		183	233	0	0	0	0	840	2	78	0
91	Electrical appliances		758	1335	5107	0	655	146	14	3794	2015	0
92	Communication equipments		0	0	85573	36243	11291	2945	3747	206061	28357	0
93	Other electrical Machinery		0	0	321	0	47	12	76	292	4489	0
94	Electronic equipments(incl.TV)		1324	124043	240276	178526	41	11	2785	258	40364	0
95	Ships and boats		842	4510	106122	0	15462	4032	274	96459	25290	0
96	Rail equipments		0	0	0	0	0	0	34	0	8	0
97	Motor vehicles		7701	13279	53158	33806	0	0	977	77	1441	0
98	Motor cycles and scooters		55	109	0	9828	0	0	2202	1	5	0
99	Bicycles, cycle-rickshaw		194	1013	0	56313	0	0	0	9	46	0
100	Other transport equipments		0	2	6084	31152	6030	0	2	0	6770	0
101	Watches and clocks		2	346	0	0	0	0	0	0	238	0
102	Medical, precision&optical instru.s		0	0	0	0	0	0	0	0	264	0

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity Commodity	121	122	123	124	125	126	127	128	129	130
103	Jems & jewelry	0	0	0	0	0	0	0	0	173	0
104	Aircraft & spacecraft	0	0	0	0	0	0	19146	0	0	0
105	Miscellaneous manufacturing	19724	23548	52478	71185	28	559	132	521336	28939	0
106	Construction	204095	117369	201217	450807	166	767	14218	63879	37328	0
107	Electricity	13343	24957	105151	432308	63181	770	16464	19118	51792	0
108	Water supply	602	776	0	57780	0	0	7	3	36	0
109	Railway transport services	1145	11145	11686	29431	15	13	51	5439	1685	0
110	Land tpt including via pipeline	553662	212871	63935	87268	18255	993	4023	140716	17736	0
111	Water transport	333	626	159	138	5	3	46	1024	119	0
112	Air transport	8049	7406	27446	13731	20340	46	60	993	545	0
113	Supporting and aux. tpt activities	2147	19252	3063	2123	354	91	75	2346	1233	0
114	Storage and warehousing	0	0	0	0	0	0	0	0	0	0
115	Communication	54701	104263	168432	119050	898	12935	860	83988	124924	0
116	Trade	31245	161567	48903	54225	3653	877	2449	58450	16312	0
117	Hotels and restaurants	240346	888736	580425	267242	24806	71203	5250	80046	1671	0
118	Banking	344921	119824	175122	374058	44534	4588	16733	327910	111925	0
119	Insurance	32307	0	56	53824	5	1	221	34	459	0
120	Ownership of dwellings	0	0	0	0	0	0	0	0	0	0
121	Education and research	109114	44909	0	623268	0	0	0	0	0	0
122	Medical and health	0	0	0	360036	0	0	0	0	0	0
123	Business services	37263	925	1113225	626845	8674	163	6448	309295	11204	0
124	Computer & related activities	2966	5852	16545	504638	209	96	396	4270	5938	0
125	Legal services	2346	13547	136712	47912	52935	126372	2031	19560	15302	0
126	Real estate activities	0	0	242324	0	0	152870	0	0	0	0
127	Renting of machinery & equipment	536	65	653	1587	1	0	6839	11276	9820	0
128	O.com, social&personal services	201	22208	47064	48112	13299	26058	2776	359361	29483	0
129	Other services	6523	4279	2339	2778	2580	1696	229	7065	299085	0
130	Public administration	0	0	0	0	0	0	0	0	0	0
	Total Input	1904702	4305125	3712596	4619453	310836	415498	118835	2411536	978933	0
	NIT	47843	223421	197006	98890	-2954	19420	1174	83992	190672	0
	Total Input+NIT	1952545	4528546	3909603	4718343	307882	434918	120009	2495527	1169605	0
	GVA	16646356	7164881	4004560	13273897	1377421	1156313	358752	8388215	1683271	23499200
	Total Output	18598901	11693426	7914163	17992240	1685303	1591231	478761	10883742	2852876	23499200

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
1	Paddy		8408872	9807455	174924	0	-246478	1133106	42	10868965	19277837
2	Wheat		3868281	7297113	187487	0	-164698	5554	266016	7059439	10927720
3	Jowar		204688	559536	3459	0	-19137	2134	0	545993	750681
4	Bajra		217231	551915	0	0	-16562	5944	0	541297	758528
5	Maize		287039	853229	0	0	-31040	206593	838	1027944	1314983
6	Gram		556707	839061	2657	0	-4596	0	0	837122	1393830
7	Pulses		2897010	3244674	59244	0	-22701	43090	311231	3013077	5910087
8	Sugarcane		3683055	45541	0	0	21239	0	0	66780	3749834
9	Groundnut		1365783	798560	0	0	-35846	0	0	762714	2128496
10	Coconut		230344	506414	0	0	-20863	0	0	485551	715895
11	Other oilseeds		3277404	1149016	0	0	36630	45503	19215	1211933	4489337
12	Jute		194546	0	0	0	-329	0	0	-330	194216
13	Cotton		3212889	0	0	0	-256721	0	0	-256721	2956167
14	Tea		348995	0	0	0	26854	0	0	26854	375849
15	Coffee		219772	50424	0	0	4209	0	0	54632	274404
16	Rubber		709733	0	0	0	43159	34070	78889	-1660	708073
17	Tobacco		130031	47285	0	0	2537	78568	2152	126239	256270
18	Fruits		3583289	3215840	0	0	1221	222775	354488	3085349	6668637
19	Vegetables		860273	7897363	0	0	670	134345	271207	7761171	8621444
20	Other crops		7634197	2955512	355992	0	-13221	242242	95448	3445078	11079275
21	Milk and milk products		3101292	13296226	84419	0	41078	2528	51	13424201	16525492
22	Animal services(agricultural)		3114916	0	0	0	0	0	0	0	3114916
23	Poultry & Eggs		571887	2016617	94717	0	262	28448	1430	2138614	2710501
24	Other liv.st. produ.		3372680	1683110	41370	186773	287987	103616	47938	2254918	5627598
25	Forestry and logging		5333623	4581753	40	0	104041	130713	516161	4300385	9634008
26	Fishing		946616	3252221	0	0	12420	383695	18752	3629584	4576200
27	Coal and lignite		7116012	49258	13860	0	24253	17960	2083253	-1977923	5138089
28	Natural gas		3370412	1356	44103	0	6743	28889	1886926	-1805835	1564577
29	Crude petroleum		29579113	0	0	0	-4398	426262	25496157	-25074293	4504820
30	Iron ore		1158942	0	0	0	14340	1182506	17884	1178962	2337904
31	Manganese ore		203312	0	0	0	-23816	4208	63092	-82700	120612
32	Bauxite		38733	0	0	0	-38009	78682	8734	31939	70671
33	Copper ore		667534	0	0	0	110	152	617700	-617438	50096
34	Other metallic minerals		230991	0	0	0	126823	201396	163222	164996	395987

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
35	Lime stone		278746	0	0	0	2590	3314	39293	-33388	245358
36	Mica		20603	0	0	0	-23081	4253	169	-18997	1606
37	Other non metallic minerals		3006382	0	0	0	-401799	3517212	3961839	-846426	2159956
38	Sugar		771661	1661053	0	0	373637	341759	760	2375688	3147349
39	Khandsari, boora		661965	550894	0	0	18594	0	0	569488	1231453
40	Hydrogenated oil(vanaspati)		607374	525127	0	0	120153	0	0	645280	1252654
41	Edible oils other than vanaspati		2162983	4957049	0	0	86725	780240	1042599	4781415	6944398
42	Tea and coffee processing		227656	629706	0	0	219978	234507	30749	1053441	1281097
43	Miscellaneous food products		5227539	10714188	338053	0	652750	986587	143481	12548098	17775637
44	Beverages		552062	2598414	27278	0	144979	19674	39830	2750515	3302577
45	Tobacco products		261830	2073001	0	0	103398	45565	4256	2217707	2479538
46	Khadi, cotton textiles(handlooms)		495100	172243	0	0	328937	186985	90515	597650	1092750
47	Cotton textiles		2511133	5887493	0	0	612947	1250039	128579	7621900	10133034
48	Woolen textiles		355877	604059	0	0	38685	96060	139228	599576	955453
49	Silk textiles		226151	205848	0	0	71914	100977	158149	220590	446741
50	Art silk, synthetic fiber textiles		2988383	2476022	0	0	265136	576273	281027	3036403	6024787
51	Jute, hemp, mesta textiles		879985	60941	1	0	36272	59191	47036	109369	989354
52	Carpet weaving		19735	219467	0	359625	-279021	381033	21786	659318	679054
53	Readymade garments		1375549	3508454	325510	0	295260	4113138	52385	8189976	9565525
54	Miscellaneous textile products		2809455	2295941	219633	0	224625	391486	345450	2786235	5595690
55	Furniture and fixtures-wooden		959090	1390885	241675	824510	621612	100484	30557	3148609	4107698
56	Wood and wood products		2319582	553878	55	40872	158817	37531	97798	693356	3012938
57	Paper, paper prods. & newsprint		4479788	562236	353920	0	260552	151386	863908	464185	4943973
58	Printing and publishing		1625266	1309172	627692	0	135709	65190	279878	1857884	3483150
59	Leather footwear		26788	1018732	0	0	72815	68858	24361	1136044	1162832
60	Leather and leather products		1571132	545478	0	0	99356	640736	171237	1114332	2685464
61	Rubber products		2452523	331101	11316	1594941	464296	664547	312106	2754096	5206620
62	Plastic products		5161320	1695807	22093	954005	474646	444438	482651	3108338	8269658
63	Petroleum products		25786492	9826000	773135	0	3104986	6985819	4434680	16255261	42041752
64	Coal tar products		2179698	0	96	0	49944	32888	541000	-458073	1721624
65	Inorganic heavy chemicals		5331311	0	888	0	339239	326262	1140493	-474104	4857207
66	Organic heavy chemicals		5287978	0	12240	0	151400	2342043	3286379	-780696	4507282
67	Fertilizers		6200617	0	0	0	551828	12216	1843576	-1279532	4921085
68	Pesticides		1118119	0	166	0	58568	199015	89230	168519	1286638

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
69	Paints, varnishes and lacquers		2036532	154848	0	0	394054	317189	298071	568021	2604554
70	Drugs and medicines		3836079	0	517734	0	1010266	1452725	281865	2698861	6534939
71	Soaps, cosmetics & glycerin		602384	3327179	0	0	188579	189352	88536	3616574	4218958
72	Synthetic fibers, resin		4563654	0	0	0	115379	620879	1480106	-743848	3819806
73	Other chemicals		3653686	349867	42878	0	179540	428997	1019351	-18070	3635616
74	Structural clay products		3376635	0	0	0	119376	14190	68130	65436	3442071
75	Cement		5350357	0	0	0	275634	45145	21816	298963	5649320
76	Other non-metallic mineral prods.		3886189	651885	196	361959	431484	410385	380424	1475485	5361674
77	Iron, steel and ferro alloys		19883170	0	0	1042737	2697750	2286176	3530451	2496212	22379382
78	Iron and steel casting & forging		4219910	0	0	942857	365795	195661	187834	1316478	5536388
79	Iron and steel foundries		6439918	0	0	1313793	470147	1063729	1031417	1816251	8256169
80	Non-ferrous basic metals		11652652	0	0	2905640	472741	1599178	9189649	-4212090	7440562
81	Hand tools, hardware		2843737	0	0	294032	91762	202953	327191	261556	3105293
82	Miscellaneous metal products		7349967	863986	52691	2377763	249730	556595	372774	3727991	11077958
83	Tractors and agri. implements		476148	0	0	2157082	67327	131679	33184	2322904	2799052
84	Industrial machinery(F & T)		1042841	0	0	1413568	731575	190626	1519531	816238	1859079
85	Industrial machinery(others)		773646	0	0	1425757	334133	123415	893780	989526	1763172
86	Machine tools		2633229	0	58	2351861	352304	203810	1322286	1585746	4218975
87	Other non-electrical machinery		9025264	840900	67846	8400053	1601838	1674597	5543678	7041556	16066820
88	Electrical industrial Machinery		1575070	0	0	5226370	-771764	624269	917359	4161515	5736586
89	Electrical wires & cables		1352524	0	0	998984	-283563	146055	369346	492130	1844655
90	Batteries		460370	70747	19066	76972	23655	27526	181222	36744	497114
91	Electrical appliances		389328	1076529	122595	358714	65006	33686	112300	1544230	1933557
92	Communication equipments		3088068	184331	260905	3588669	586603	398271	4719678	299101	3387169
93	Other electrical Machinery		3857072	0	0	669908	501862	598411	1212782	557399	4414470
94	Electronic equipments(incl.TV)		2211440	918372	406845	1481758	343802	171575	2356530	965823	3177262
95	Ships and boats		1266366	0	0	239262	236454	778589	1734325	-480020	786346
96	Rail equipments		1986136	0	0	110016	102439	28981	61756	179679	2165816
97	Motor vehicles		3589841	1967978	593052	9950186	-1845235	1265663	1435988	10495656	14085497
98	Motor cycles and scooters		1460986	1593708	207025	0	250194	153297	85782	2118443	3579429
99	Bicycles, cycle-rickshaw		303439	113041	4999	340601	53337	16801	5452	523327	826766
100	Other transport equipments		113600	0	0	257439	-87231	17471	23450	164229	277829
101	Watches and clocks		356034	130446	0	60267	16454	12037	49232	169972	526006
102	Medical, precision&optical instru.s		589903	0	0	1494941	359855	99285	513156	1440926	2030829

MATRIX 6 : INPUT-OUTPUT MATRIX (COMMODITY X COMMODITY) - 2007-08 AT FACTOR COST

Rs. Lakhs

Sector/ Code	Commodity	Commodity	IIUSE	PFCE	GFCE	GFCF	CIS	EXP	less IMP	TFUSE	Total
103	Jems & jewelry		4298034	1447040	0	5685	6769615	1763595	1792357	8193578	12491611
104	Aircraft & spacecraft		153964	0	0	5041502	9542	270105	5357006	-35857	118107
105	Miscellaneous manufacturing		3716945	1220263	71070	1944341	-268245	1130731	2417368	1680792	5397737
106	Construction		21988728	330062	1196380	88140296	0	562824	284400	89945163	111933891
107	Electricity		14727098	1643094	831535	0	0	23	0	2474652	17201750
108	Water supply		493009	265886	846005	0	0	0	0	1111891	1604900
109	Railway transport services		4117009	1884446	277239	448425	0	534580	0	3144691	7261700
110	Land tpt including via pipeline		28129174	24277513	1410084	2333794	0	3898196	0	31919587	60048761
111	Water transport		742616	646264	40158	47564	0	1997073	1914800	816258	1558874
112	Air transport		1329686	1501982	307084	77243	0	1382924	2139600	1129634	2459319
113	Supporting and aux. tpt activities		2042177	1031443	77327	375147	0	1120052	573400	2030568	4072746
114	Storage and warehousing		452843	12	5966	0	0	0	0	5978	458822
115	Communication		5112335	2160643	864235	0	0	1056787	346200	3735465	8847800
116	Trade		48951660	28021473	736820	4131228	0	7708884	0	40598405	89550065
117	Hotels and restaurants		10694900	12613406	419640	0	0	0	0	13033046	23727946
118	Banking		17946268	5763165	826189	0	0	0	0	6589354	24535623
119	Insurance		4096135	1654903	191503	0	0	606038	419200	2033244	6129378
120	Ownership of dwellings		0	25039216	0	0	0	0	0	25039216	25039216
121	Education and research		1040819	11915769	6772713	0	0	0	1130400	17558082	18598901
122	Medical and health		518843	9344763	1838025	0	0	0	8206	11174583	11693426
123	Business services		7813185	461340	712320	502047	0	7654971	9229700	100978	7914163
124	Computer & related activities		1781377	825883	309668	489096	0	15935617	1349400	16210863	17992240
125	Legal services		926318	600923	91843	0	0	251213	184994	758985	1685303
126	Real estate activities		542025	1049206	0	0	0	0	0	1049206	1591231
127	Renting of machinery & equipment		234630	192563	51568	0	0	0	0	244131	478761
128	O.com, social&personal services		3502706	5433552	1947484	0	0	0	0	7381036	10883742
129	Other services		1098646	543093	525900	0	0	3970838	3285601	1754231	2852876
130	Public administration		0	0	23499200	0	0	0	0	23499200	23499200
	Total Input		493333351	273184393	50161868	157338280	25504800	95826337	124246878	477768800	971102151
	NIT		19626564	5105207	1140232	7349727	0	7278763	0	20873929	40500493
	Total Input+NIT		512959915	278289600	51302100	164688007	25504800	103105100	124246878		1011602644
	GVA		458142212								916284401
	Total Output		971102151	278289600	51302100	164688007	25504800	103105100	124246878	498642729	

MATRIX 7: LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY)

2007-08

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	1	2	3	4	5	6	7	8	9
1	Paddy		1.474073	0.006193	0.000693	0.000217	0.000562	0.005020	0.013168	0.000338	0.000762
2	Wheat		0.040957	1.215549	0.000840	0.000268	0.000719	0.000472	0.021059	0.000415	0.000679
3	Jowar		0.002066	0.001450	1.033119	0.000072	0.000206	0.000096	0.001058	0.000135	0.000177
4	Bajra		0.002835	0.002021	0.000191	1.012129	0.000297	0.000105	0.000931	0.000326	0.000215
5	Maize		0.001551	0.001550	0.000110	0.000046	1.021342	0.000047	0.000824	0.000099	0.000116
6	Gram		0.026976	0.114014	0.003403	0.001150	0.003144	1.094452	0.014563	0.001920	0.002867
7	Pulses		0.027277	0.014334	0.000891	0.000287	0.000733	0.001149	1.342256	0.000484	0.000714
8	Sugarcane		0.004638	0.006632	0.000204	0.000097	0.000324	0.000148	0.002090	1.068480	0.000250
9	Groundnut		0.009231	0.002448	0.001403	0.000440	0.001106	0.000576	0.003876	0.000668	1.116389
10	Coconut		0.005223	0.001522	0.000684	0.000217	0.000544	0.000287	0.001812	0.000344	0.000774
11	Other oilseeds		0.010390	0.003358	0.001450	0.000469	0.001195	0.000619	0.004493	0.000815	0.002566
12	Jute		0.104557	0.042189	0.000677	0.000261	0.000653	0.000713	0.014291	0.000703	0.000635
13	Cotton		0.001969	0.000845	0.000084	0.000041	0.000106	0.000058	0.000399	0.000133	0.000104
14	Tea		0.002436	0.001368	0.000109	0.000051	0.000141	0.000083	0.000778	0.000192	0.000123
15	Coffee		0.002149	0.001280	0.000094	0.000044	0.000125	0.000072	0.000714	0.000167	0.000107
16	Rubber		0.008137	0.003929	0.000376	0.000217	0.000549	0.000315	0.001642	0.000873	0.000457
17	Tobacco		0.000167	0.000068	0.000007	0.000003	0.000009	0.000005	0.000035	0.000014	0.000008
18	Fruits		0.005064	0.007789	0.000134	0.000063	0.000342	0.000110	0.003380	0.000209	0.000154
19	Vegetables		0.000683	0.000357	0.000038	0.000020	0.000056	0.000026	0.000186	0.000065	0.000045
20	Other crops		0.072354	0.017619	0.011806	0.003622	0.009186	0.004562	0.034933	0.005154	0.009136
21	Milk and milk products		0.001540	0.001577	0.000059	0.000030	0.000104	0.000049	0.000721	0.000104	0.000068
22	Animal services(agricultural)		0.375988	0.062831	0.066065	0.018957	0.042875	0.027785	0.137243	0.024293	0.046879
23	Poultry & Eggs		0.001484	0.000724	0.000075	0.000040	0.000101	0.000062	0.000382	0.000143	0.000088
24	Other liv.st. produ.		0.067379	0.011073	0.009108	0.004777	0.018278	0.000859	0.010809	0.008666	0.012239
25	Forestry and logging		0.003293	0.001672	0.000137	0.000086	0.000188	0.000133	0.000635	0.000311	0.000171
26	Fishing		0.002023	0.002901	0.000057	0.000028	0.000137	0.000048	0.001242	0.000103	0.000067
27	Coal and lignite		0.028580	0.014371	0.000757	0.000651	0.001536	0.001033	0.003264	0.002902	0.001033
28	Natural gas		0.115282	0.060616	0.004939	0.003617	0.008991	0.005062	0.017129	0.017055	0.006679
29	Crude petroleum		0.202223	0.090984	0.009388	0.008037	0.014831	0.011441	0.037617	0.022231	0.012306
30	Iron ore		0.002991	0.001448	0.000112	0.000075	0.000160	0.000115	0.000490	0.000265	0.000131
31	Manganese ore		0.014529	0.007337	0.000586	0.000393	0.000926	0.000575	0.002318	0.001666	0.000727
32	Bauxite		0.005022	0.002495	0.000190	0.000128	0.000283	0.000194	0.000807	0.000483	0.000228
33	Copper ore		0.132997	0.064640	0.004950	0.003299	0.007234	0.005047	0.022210	0.012062	0.005919
34	Other metallic minerals		0.006166	0.003067	0.000234	0.000156	0.000352	0.000235	0.001012	0.000604	0.000285

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	1	2	3	4	5	6	7	8	9
35	Lime stone		0.007389	0.003924	0.000288	0.000204	0.000449	0.000298	0.001030	0.000802	0.000349
36	Mica		0.079250	0.037563	0.002999	0.002142	0.004500	0.003248	0.012611	0.007457	0.003616
37	Other non metallic minerals		0.018368	0.010023	0.000818	0.000555	0.001437	0.000768	0.002707	0.002795	0.001074
38	Sugar		0.002295	0.002216	0.000084	0.000046	0.000154	0.000072	0.000922	0.000187	0.000103
39	Khandsari, boora		0.003560	0.003360	0.000137	0.000073	0.000240	0.000114	0.001469	0.000281	0.000162
40	Hydrogenated oil(vanaspati)		0.004179	0.002195	0.000345	0.000135	0.000354	0.000194	0.001900	0.000339	0.001105
41	Edible oils other than vanaspati		0.015463	0.003767	0.002438	0.000759	0.001900	0.000992	0.005703	0.001118	0.002355
42	Tea and coffee processing		0.001174	0.000543	0.000059	0.000032	0.000078	0.000049	0.000292	0.000114	0.000069
43	Miscellaneous food products		0.006664	0.002431	0.000192	0.000094	0.000273	0.000141	0.001119	0.000332	0.000253
44	Beverages		0.001872	0.000969	0.000082	0.000049	0.000126	0.000073	0.000344	0.000218	0.000103
45	Tobacco products		0.000043	0.000019	0.000002	0.000001	0.000003	0.000001	0.000009	0.000004	0.000002
46	Khadi, cotton textiles(handlooms)		0.001281	0.000573	0.000049	0.000027	0.000067	0.000042	0.000254	0.000104	0.000058
47	Cotton textiles		0.000721	0.000312	0.000038	0.000019	0.000050	0.000025	0.000153	0.000059	0.000042
48	Woolen textiles		0.004657	0.001909	0.000070	0.000034	0.000087	0.000062	0.000708	0.000118	0.000076
49	Silk textiles		0.002064	0.000895	0.000047	0.000026	0.000064	0.000044	0.000338	0.000098	0.000055
50	Art silk, synthetic fiber textiles		0.001990	0.000893	0.000062	0.000035	0.000087	0.000054	0.000355	0.000138	0.000074
51	Jute, hemp, mesta textiles		0.142258	0.057361	0.000897	0.000340	0.000852	0.000951	0.019398	0.000898	0.000834
52	Carpet weaving		0.000089	0.000041	0.000004	0.000002	0.000005	0.000003	0.000019	0.000008	0.000004
53	Readymade garments		0.001171	0.000575	0.000048	0.000035	0.000074	0.000055	0.000194	0.000124	0.000059
54	Miscellaneous textile products		0.004528	0.002084	0.000216	0.000115	0.000302	0.000167	0.000973	0.000435	0.000255
55	Furniture and fixtures-wooden		0.002977	0.001488	0.000124	0.000091	0.000189	0.000146	0.000501	0.000324	0.000156
56	Wood and wood products		0.006496	0.003521	0.000274	0.000165	0.000390	0.000249	0.001338	0.000643	0.000418
57	Paper, paper prods. & newsprint		0.011768	0.006147	0.000536	0.000299	0.000725	0.000478	0.002910	0.001147	0.000681
58	Printing and publishing		0.009107	0.003899	0.000457	0.000239	0.000548	0.000400	0.002341	0.000912	0.000520
59	Leather footwear		0.000933	0.000522	0.000037	0.000024	0.000064	0.000033	0.000137	0.000119	0.000049
60	Leather and leather products		0.002587	0.001145	0.000114	0.000060	0.000149	0.000093	0.000583	0.000242	0.000132
61	Rubber products		0.007128	0.003083	0.000357	0.000200	0.000495	0.000285	0.001481	0.000703	0.000420
62	Plastic products		0.006528	0.003381	0.000286	0.000170	0.000430	0.000251	0.001264	0.000725	0.000360
63	Petroleum products		0.026126	0.011094	0.001211	0.001092	0.001838	0.001568	0.005090	0.002488	0.001574
64	Coal tar products		0.008430	0.004278	0.000288	0.000220	0.000457	0.000335	0.001113	0.000792	0.000346
65	Inorganic heavy chemicals		0.079071	0.044398	0.003523	0.002336	0.006400	0.003195	0.011702	0.012650	0.004770
66	Organic heavy chemicals		0.038796	0.021833	0.001627	0.001053	0.002847	0.001470	0.005749	0.005486	0.002169
67	Fertilizers		0.420539	0.234677	0.020112	0.013444	0.037464	0.017999	0.062518	0.075394	0.027433

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	1	2	3	4	5	6	7	8	9
68	Pesticides		0.182958	0.127939	0.002021	0.001011	0.002751	0.002447	0.013995	0.004605	0.002789
69	Paints, varnishes and lacquers		0.006791	0.003157	0.000242	0.000156	0.000349	0.000241	0.001063	0.000567	0.000289
70	Drugs and medicines		0.002626	0.001086	0.000204	0.000085	0.000230	0.000107	0.000581	0.000244	0.000199
71	Soaps, cosmetics & glycerin		0.001645	0.000955	0.000054	0.000033	0.000086	0.000051	0.000235	0.000155	0.000073
72	Synthetic fibers, resin		0.010889	0.005475	0.000465	0.000282	0.000713	0.000413	0.001968	0.001237	0.000582
73	Other chemicals		0.022965	0.011911	0.000928	0.000651	0.001508	0.000948	0.003756	0.002598	0.001245
74	Structural clay products		0.004153	0.002143	0.000156	0.000118	0.000221	0.000177	0.000538	0.000365	0.000174
75	Cement		0.003991	0.002053	0.000150	0.000113	0.000211	0.000170	0.000518	0.000348	0.000167
76	Other non-metallic mineral prods.		0.004583	0.002334	0.000183	0.000137	0.000270	0.000203	0.000730	0.000432	0.000216
77	Iron, steel and ferro alloys		0.005903	0.002849	0.000221	0.000147	0.000312	0.000225	0.000969	0.000510	0.000258
78	Iron and steel casting & forging		0.005389	0.002611	0.000201	0.000130	0.000282	0.000198	0.000915	0.000464	0.000235
79	Iron and steel foundries		0.004413	0.002176	0.000167	0.000115	0.000234	0.000174	0.000694	0.000385	0.000192
80	Non-ferrous basic metals		0.012502	0.006086	0.000470	0.000309	0.000679	0.000470	0.002112	0.001127	0.000560
81	Hand tools, hardware		0.014856	0.006015	0.000727	0.000380	0.000878	0.000597	0.003857	0.001392	0.000823
82	Miscellaneous metal products		0.005072	0.002507	0.000194	0.000135	0.000280	0.000204	0.000839	0.000456	0.000231
83	Tractors and agri. implements		0.020717	0.017122	0.000481	0.000296	0.000470	0.000373	0.002017	0.000544	0.000389
84	Industrial machinery(F & T)		0.019194	0.007544	0.000177	0.000101	0.000238	0.000202	0.001242	0.000333	0.000209
85	Industrial machinery(others)		0.017346	0.008685	0.000747	0.000573	0.001233	0.000802	0.002849	0.002007	0.000977
86	Machine tools		0.006177	0.003051	0.000226	0.000141	0.000315	0.000214	0.001071	0.000512	0.000265
87	Other non-electrical machinery		0.009775	0.004752	0.000396	0.000280	0.000614	0.000411	0.001664	0.001003	0.000496
88	Electrical industrial Machinery		0.006048	0.002954	0.000134	0.000128	0.000298	0.000212	0.000630	0.000567	0.000188
89	Electrical wires & cables		0.004438	0.002096	0.000178	0.000118	0.000253	0.000178	0.000711	0.000398	0.000206
90	Batteries		0.012587	0.005298	0.000636	0.000340	0.000869	0.000488	0.002665	0.001204	0.000741
91	Electrical appliances		0.001785	0.000868	0.000077	0.000052	0.000110	0.000082	0.000328	0.000188	0.000092
92	Communication equipments		0.007245	0.003448	0.000317	0.000204	0.000442	0.000330	0.001426	0.000738	0.000390
93	Other electrical Machinery		0.009893	0.004679	0.000324	0.000232	0.000534	0.000371	0.001501	0.000947	0.000409
94	Electronic equipments(incl.TV)		0.007104	0.003472	0.000322	0.000223	0.000453	0.000368	0.001325	0.000774	0.000402
95	Ships and boats		0.055946	0.023032	0.001413	0.000939	0.002105	0.001633	0.008436	0.003142	0.001768
96	Rail equipments		0.017779	0.005552	0.000472	0.000311	0.000727	0.000528	0.002317	0.001244	0.000576
97	Motor vehicles		0.003194	0.001424	0.000148	0.000086	0.000208	0.000131	0.000638	0.000319	0.000173
98	Motor cycles and scooters		0.001555	0.000745	0.000087	0.000056	0.000104	0.000085	0.000364	0.000165	0.000098
99	Bicycles, cycle-rickshaw		0.000766	0.000371	0.000033	0.000021	0.000045	0.000034	0.000149	0.000075	0.000040
100	Other transport equipments		0.006855	0.003202	0.001017	0.000597	0.000786	0.000507	0.003495	0.000732	0.000692

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	1	2	3	4	5	6	7	8	9
101	Watches and clocks	0.004465	0.001985	0.000181	0.000109	0.000253	0.000172	0.000874	0.000424	0.000216
102	Medical, precision&optical instru.s	0.001729	0.000796	0.000072	0.000044	0.000101	0.000068	0.000345	0.000169	0.000087
103	Jems & jewelry	0.000330	0.000138	0.000015	0.000008	0.000018	0.000012	0.000083	0.000031	0.000017
104	Aircraft & spacecraft	0.020855	0.010217	0.001034	0.000656	0.001465	0.000987	0.003957	0.002391	0.001228
105	Miscellaneous manufacturing	0.006842	0.003086	0.000278	0.000174	0.000404	0.000273	0.001291	0.000688	0.000336
106	Construction	0.004131	0.002130	0.000155	0.000118	0.000217	0.000177	0.000530	0.000356	0.000171
107	Electricity	0.060312	0.029986	0.001074	0.001233	0.002898	0.002080	0.005041	0.005721	0.001647
108	Water supply	0.005256	0.002948	0.000222	0.000187	0.000372	0.000300	0.000666	0.000670	0.000279
109	Railway transport services	0.026555	0.008125	0.000681	0.000455	0.001063	0.000777	0.003330	0.001827	0.000835
110	Land tpt including via pipeline	0.016000	0.006464	0.000866	0.000439	0.001166	0.000615	0.003543	0.001541	0.000997
111	Water transport	0.038683	0.013385	0.000714	0.000510	0.001074	0.000955	0.004333	0.001541	0.000925
112	Air transport	0.010241	0.005465	0.000568	0.000367	0.000803	0.000545	0.002004	0.001306	0.000671
113	Supporting and aux. tpt activities	0.022462	0.008879	0.001101	0.000550	0.001457	0.000808	0.004488	0.001960	0.001250
114	Storage and warehousing	0.030435	0.011245	0.001586	0.000678	0.001657	0.001149	0.009568	0.002758	0.001709
115	Communication	0.008836	0.004360	0.000411	0.000274	0.000578	0.000448	0.001757	0.000969	0.000518
116	Trade	0.028583	0.010265	0.001512	0.000584	0.001491	0.001026	0.009468	0.002519	0.001594
117	Hotels and restaurants	0.006915	0.002913	0.000357	0.000193	0.000462	0.000298	0.001601	0.000688	0.000416
118	Banking	0.025184	0.013859	0.001573	0.001294	0.001961	0.002373	0.005226	0.003624	0.002192
119	Insurance	0.011830	0.005672	0.000478	0.000285	0.000664	0.000454	0.002568	0.001118	0.000584
120	Ownership of dwellings	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research	0.000516	0.000252	0.000021	0.000016	0.000034	0.000025	0.000081	0.000057	0.000027
122	Medical and health	0.000318	0.000115	0.000010	0.000006	0.000015	0.000010	0.000048	0.000025	0.000012
123	Business services	0.012404	0.005976	0.000587	0.000343	0.000798	0.000524	0.002703	0.001260	0.000688
124	Computer & related activities	0.001240	0.000613	0.000055	0.000034	0.000081	0.000050	0.000244	0.000142	0.000070
125	Legal services	0.005057	0.002344	0.000224	0.000129	0.000298	0.000201	0.001065	0.000483	0.000265
126	Real estate activities	0.002576	0.001320	0.000123	0.000076	0.000169	0.000116	0.000526	0.000270	0.000143
127	Renting of machinery & equipment	0.008344	0.003289	0.000306	0.000192	0.000457	0.000296	0.001321	0.000742	0.000377
128	O.com, social&personal services	0.002206	0.001110	0.000089	0.000056	0.000128	0.000087	0.000413	0.000208	0.000108
129	Other services	0.010128	0.005000	0.000403	0.000313	0.000643	0.000463	0.001664	0.001059	0.000535
130	Public administration	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	10	11	12	13	14	15	16	17	18	19
1	Paddy		0.000153	0.001600	0.000085	0.001193	0.000073	0.000092	0.000062	0.000016	0.000271	0.000600
2	Wheat		0.000210	0.001795	0.000106	0.001483	0.000100	0.000127	0.000085	0.000020	0.000330	0.001243
3	Jowar		0.000060	0.000513	0.000027	0.000389	0.000024	0.000031	0.000028	0.000008	0.000096	0.000158
4	Bajra		0.000135	0.000621	0.000035	0.000530	0.000059	0.000065	0.000074	0.000031	0.000141	0.000204
5	Maize		0.000087	0.000382	0.000019	0.000265	0.000039	0.000049	0.000037	0.000006	0.000060	0.000089
6	Gram		0.001220	0.006877	0.000479	0.006584	0.000608	0.000753	0.000489	0.000100	0.001381	0.002446
7	Pulses		0.000170	0.001822	0.000108	0.001547	0.000075	0.000095	0.000074	0.000026	0.000378	0.000698
8	Sugarcane		0.000135	0.001259	0.000029	0.000499	0.000033	0.000042	0.000082	0.000032	0.000173	0.000263
9	Groundnut		0.000289	0.016840	0.000170	0.002518	0.000117	0.000149	0.000105	0.000032	0.000546	0.000786
10	Coconut		1.008152	0.005167	0.000083	0.001213	0.000057	0.000074	0.000059	0.000018	0.000279	0.000401
11	Other oilseeds		0.000314	1.104942	0.000178	0.002743	0.000123	0.000151	0.000128	0.000049	0.000599	0.000854
12	Jute		0.000282	0.001941	1.000087	0.001354	0.000082	0.000130	0.000176	0.000056	0.000569	0.001115
13	Cotton		0.000052	0.000484	0.000013	1.009587	0.000017	0.000022	0.000030	0.000012	0.000080	0.000115
14	Tea		0.000065	0.000415	0.000015	0.000253	1.000020	0.000026	0.000036	0.000014	0.000110	0.000154
15	Coffee		0.000056	0.000364	0.000013	0.000220	0.000017	1.000023	0.000031	0.000012	0.000095	0.000134
16	Rubber		0.000294	0.001424	0.000061	0.001093	0.000077	0.000092	1.000205	0.000088	0.000504	0.000714
17	Tobacco		0.000005	0.000035	0.000001	0.000017	0.000001	0.000001	0.000003	1.002314	0.000007	0.000009
18	Fruits		0.000097	0.000743	0.000019	0.000313	0.000023	0.000031	0.000058	0.000020	1.019387	0.000160
19	Vegetables		0.000032	0.000133	0.000007	0.000104	0.000013	0.000016	0.000016	0.000005	0.000037	1.013059
20	Other crops		0.002398	0.023782	0.001444	0.020093	0.001195	0.001512	0.000923	0.000218	0.004361	0.007502
21	Milk and milk products		0.000039	0.000243	0.000009	0.000148	0.000012	0.000015	0.000022	0.000009	0.000059	0.000084
22	Animal services(agricultural)		0.000534	0.106246	0.006946	0.099833	0.000256	0.000323	0.000212	0.001015	0.023083	0.033472
23	Poultry & Eggs		0.000048	0.000254	0.000011	0.000197	0.000016	0.000021	0.000026	0.000012	0.000082	0.000117
24	Other liv.st. produ.		0.017222	0.023454	0.002703	0.033064	0.008740	0.011050	0.006421	0.000264	0.004807	0.005596
25	Forestry and logging		0.000084	0.000725	0.000017	0.000373	0.000019	0.000059	0.000083	0.000032	0.000385	0.000627
26	Fishing		0.000046	0.000302	0.000008	0.000143	0.000010	0.000013	0.000029	0.000010	0.000049	0.000074
27	Coal and lignite		0.000422	0.002871	0.000099	0.003051	0.000101	0.000158	0.000380	0.000326	0.001730	0.002480
28	Natural gas		0.002474	0.020797	0.000890	0.017259	0.000800	0.000372	0.002401	0.001967	0.006946	0.010143
29	Crude petroleum		0.004469	0.032518	0.001508	0.026273	0.001491	0.001109	0.003222	0.002368	0.014362	0.020791
30	Iron ore		0.000059	0.000402	0.000015	0.000315	0.000016	0.000041	0.000070	0.000028	0.000340	0.000521
31	Manganese ore		0.000299	0.002297	0.000090	0.001814	0.000088	0.000146	0.000342	0.000185	0.001394	0.002123
32	Bauxite		0.000124	0.000704	0.000027	0.000558	0.000028	0.000064	0.000127	0.000052	0.000520	0.000790
33	Copper ore		0.003038	0.017726	0.000685	0.014194	0.000757	0.001473	0.003047	0.001243	0.012866	0.018772
34	Other metallic minerals		0.000175	0.000875	0.000034	0.000692	0.000037	0.000068	0.000158	0.000064	0.000559	0.000822

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	10	11	12	13	14	15	16	17	18	19
35	Lime stone		0.000212	0.001160	0.000040	0.000895	0.000039	0.000145	0.000243	0.000096	0.001018	0.001704
36	Mica		0.001583	0.011284	0.000406	0.008706	0.000411	0.001163	0.001770	0.000829	0.008693	0.014149
37	Other non metallic minerals		0.000427	0.003570	0.000145	0.002812	0.000128	0.000143	0.000489	0.000329	0.001578	0.002504
38	Sugar		0.000083	0.000387	0.000013	0.000234	0.000016	0.000022	0.000052	0.000019	0.000091	0.000133
39	Khandsari, boora		0.000111	0.000575	0.000021	0.000364	0.000027	0.000034	0.000067	0.000026	0.000142	0.000205
40	Hydrogenated oil(vanaspati)		0.000132	0.013777	0.000045	0.000804	0.000043	0.000057	0.000066	0.000025	0.000218	0.000310
41	Edible oils other than vanaspati		0.000427	0.012083	0.000295	0.004215	0.000197	0.000249	0.000172	0.000052	0.000929	0.001319
42	Tea and coffee processing		0.000037	0.000201	0.000009	0.000154	0.000012	0.000016	0.000020	0.000009	0.000066	0.000093
43	Miscellaneous food products		0.000166	0.001329	0.000030	0.000502	0.000040	0.000053	0.000098	0.000032	0.000169	0.000246
44	Beverages		0.000101	0.000323	0.000014	0.000251	0.000017	0.000024	0.000064	0.000023	0.000099	0.000144
45	Tobacco products		0.000001	0.000008	0.000000	0.000005	0.000000	0.000000	0.000001	0.000000	0.000002	0.000003
46	Khadi, cotton textiles(handlooms)		0.000032	0.000176	0.000007	0.000134	0.000010	0.000012	0.000020	0.000009	0.000060	0.000085
47	Cotton textiles		0.000027	0.000118	0.000006	0.000098	0.000010	0.000013	0.000014	0.000005	0.000035	0.000049
48	Woolen textiles		0.000039	0.000227	0.000010	0.000178	0.000013	0.000017	0.000024	0.000011	0.000074	0.000114
49	Silk textiles		0.000030	0.000172	0.000007	0.000128	0.000008	0.000011	0.000019	0.000009	0.000058	0.000086
50	Art silk, synthetic fiber textiles		0.000048	0.000228	0.000009	0.000175	0.000012	0.000016	0.000031	0.000013	0.000079	0.000114
51	Jute, hemp, mesta textiles		0.000363	0.002546	0.000114	0.001770	0.000106	0.000170	0.000226	0.000071	0.000742	0.001473
52	Carpet weaving		0.000002	0.000015	0.000001	0.000010	0.000001	0.000001	0.000002	0.000001	0.000007	0.000010
53	Readymade garments		0.000026	0.000182	0.000006	0.000145	0.000007	0.000010	0.000017	0.000013	0.000075	0.000104
54	Miscellaneous textile products		0.000155	0.000777	0.000035	0.000613	0.000049	0.000059	0.000099	0.000042	0.000251	0.000353
55	Furniture and fixtures-wooden		0.000077	0.000486	0.000015	0.000371	0.000018	0.000029	0.000048	0.000032	0.000203	0.000282
56	Wood and wood products		0.000231	0.002669	0.000038	0.000775	0.000040	0.000103	0.000193	0.000068	0.000627	0.001009
57	Paper, paper prods. & newsprint		0.000398	0.002881	0.000074	0.001401	0.000091	0.000140	0.000240	0.000101	0.000677	0.000971
58	Printing and publishing		0.000261	0.001614	0.000057	0.001090	0.000073	0.000115	0.000140	0.000067	0.000541	0.000748
59	Leather footwear		0.000063	0.000160	0.000007	0.000129	0.000008	0.000011	0.000042	0.000014	0.000046	0.000068
60	Leather and leather products		0.000078	0.000408	0.000017	0.000296	0.000021	0.000027	0.000053	0.000021	0.000151	0.000211
61	Rubber products		0.000227	0.001196	0.000058	0.001006	0.000081	0.000094	0.000152	0.000067	0.000464	0.000636
62	Plastic products		0.000254	0.001290	0.000046	0.000850	0.000052	0.000073	0.000184	0.000076	0.000433	0.000641
63	Petroleum products		0.000564	0.003892	0.000185	0.003161	0.000190	0.000163	0.000358	0.000253	0.001934	0.002789
64	Coal tar products		0.000146	0.001082	0.000035	0.000910	0.000034	0.000149	0.000206	0.000093	0.001130	0.001862
65	Inorganic heavy chemicals		0.002904	0.015944	0.000675	0.012538	0.000626	0.000377	0.002455	0.001479	0.004408	0.006515
66	Organic heavy chemicals		0.002086	0.007208	0.000304	0.005642	0.000314	0.000327	0.001498	0.000633	0.002020	0.002984
67	Fertilizers		0.008516	0.091333	0.003948	0.072801	0.003341	0.000447	0.009917	0.008886	0.024266	0.035731

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	10	11	12	13	14	15	16	17	18	19
68	Pesticides		0.043355	0.008307	0.000373	0.008856	0.001644	0.007202	0.023694	0.000557	0.002085	0.003626
69	Paints, varnishes and lacquers		0.000195	0.000992	0.000034	0.000697	0.000040	0.000097	0.000167	0.000061	0.000595	0.000957
70	Drugs and medicines		0.000159	0.000523	0.000031	0.000470	0.000042	0.000058	0.000086	0.000021	0.000134	0.000192
71	Soaps, cosmetics & glycerin		0.000173	0.000265	0.000009	0.000179	0.000014	0.000031	0.000102	0.000017	0.000069	0.000103
72	Synthetic fibers, resin		0.000438	0.001894	0.000077	0.001417	0.000088	0.000111	0.000316	0.000130	0.000680	0.000982
73	Other chemicals		0.001006	0.004503	0.000152	0.002922	0.000162	0.000206	0.000687	0.000286	0.001329	0.001943
74	Structural clay products		0.000047	0.000592	0.000016	0.000445	0.000014	0.000119	0.000125	0.000047	0.000850	0.001465
75	Cement		0.000045	0.000566	0.000015	0.000425	0.000013	0.000115	0.000119	0.000044	0.000817	0.001407
76	Other non-metallic mineral prods.		0.000085	0.000679	0.000023	0.000521	0.000023	0.000091	0.000118	0.000050	0.000665	0.001111
77	Iron, steel and ferro alloys		0.000115	0.000789	0.000029	0.000613	0.000031	0.000082	0.000139	0.000054	0.000688	0.001052
78	Iron and steel casting & forging		0.000114	0.000709	0.000028	0.000554	0.000030	0.000058	0.000127	0.000047	0.000557	0.000797
79	Iron and steel foundries		0.000076	0.000605	0.000020	0.000465	0.000021	0.000080	0.000113	0.000043	0.000629	0.001008
80	Non-ferrous basic metals		0.000298	0.001684	0.000066	0.001334	0.000073	0.000138	0.000298	0.000116	0.001217	0.001762
81	Hand tools, hardware		0.000366	0.002387	0.000103	0.001704	0.000121	0.000146	0.000248	0.000103	0.000974	0.001327
82	Miscellaneous metal products		0.000105	0.000702	0.000026	0.000544	0.000028	0.000070	0.000122	0.000049	0.000588	0.000895
83	Tractors and agri. implements		0.000085	0.001295	0.000058	0.000984	0.000039	0.000050	0.001253	0.000108	0.006287	0.007292
84	Industrial machinery(F & T)		0.000100	0.000757	0.000025	0.000454	0.000027	0.000034	0.000097	0.000033	0.000362	0.000496
85	Industrial machinery(others)		0.000599	0.002806	0.000127	0.002301	0.000144	0.000149	0.000452	0.000221	0.001261	0.001799
86	Machine tools		0.000137	0.000783	0.000033	0.000616	0.000036	0.000047	0.000150	0.000051	0.000592	0.000767
87	Other non-electrical machinery		0.000255	0.001416	0.000062	0.001179	0.000069	0.000074	0.000215	0.000106	0.000743	0.001014
88	Electrical industrial Machinery		0.000066	0.000457	0.000015	0.000594	0.000016	0.000022	0.000048	0.000062	0.000281	0.000376
89	Electrical wires & cables		0.000082	0.000638	0.000023	0.000511	0.000027	0.000086	0.000101	0.000044	0.000567	0.000931
90	Batteries		0.000386	0.002090	0.000102	0.001796	0.000150	0.000178	0.000245	0.000110	0.000775	0.001063
91	Electrical appliances		0.000041	0.000293	0.000009	0.000221	0.000011	0.000016	0.000030	0.000018	0.000137	0.000181
92	Communication equipments		0.000222	0.001179	0.000044	0.000859	0.000053	0.000078	0.000135	0.000066	0.000480	0.000685
93	Other electrical Machinery		0.000193	0.001152	0.000044	0.001054	0.000049	0.000065	0.000154	0.000096	0.000633	0.000857
94	Electronic equipments(incl.TV)		0.000217	0.001186	0.000042	0.000877	0.000049	0.000072	0.000117	0.000069	0.000479	0.000693
95	Ships and boats		0.000963	0.007588	0.000212	0.003913	0.000261	0.000389	0.000646	0.000311	0.002080	0.003032
96	Rail equipments		0.000224	0.001739	0.000073	0.001392	0.000070	0.000065	0.000189	0.000134	0.000659	0.000977
97	Motor vehicles		0.000083	0.000510	0.000021	0.000424	0.000029	0.000039	0.000056	0.000030	0.000215	0.000289
98	Motor cycles and scooters		0.000060	0.000276	0.000012	0.000199	0.000013	0.000023	0.000099	0.000015	0.000443	0.000546
99	Bicycles, cycle-rickshaw		0.000022	0.000120	0.000005	0.000087	0.000005	0.000009	0.000019	0.000007	0.000080	0.000113
100	Other transport equipments		0.000134	0.002244	0.000142	0.001655	0.000057	0.000072	0.003757	0.000214	0.018499	0.021306

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	10	11	12	13	14	15	16	17	18	19
101	Watches and clocks		0.000111	0.000660	0.000026	0.000495	0.000029	0.000041	0.000081	0.000039	0.000290	0.000413
102	Medical, precision&optical instru.s		0.000052	0.000276	0.000010	0.000198	0.000012	0.000020	0.000038	0.000016	0.000120	0.000173
103	Jems & jewelry		0.000008	0.000052	0.000002	0.000036	0.000002	0.000003	0.000005	0.000002	0.000021	0.000029
104	Aircraft & spacecraft		0.000560	0.003885	0.000146	0.002874	0.000150	0.000174	0.000417	0.000246	0.001513	0.002153
105	Miscellaneous manufacturing		0.000162	0.000994	0.000039	0.000794	0.000045	0.000063	0.000118	0.000066	0.000445	0.000649
106	Construction		0.000044	0.000583	0.000015	0.000438	0.000013	0.000122	0.000125	0.000046	0.000866	0.001495
107	Electricity		0.000457	0.003606	0.000103	0.005813	0.000106	0.000140	0.000314	0.000649	0.002443	0.003206
108	Water supply		0.000080	0.000981	0.000019	0.000750	0.000019	0.000034	0.000064	0.000081	0.000462	0.000626
109	Railway transport services		0.000318	0.002524	0.000106	0.002030	0.000100	0.000088	0.000271	0.000200	0.000935	0.001395
110	Land tpt including via pipeline		0.000523	0.002793	0.000143	0.002430	0.000216	0.000247	0.000312	0.000141	0.000900	0.001235
111	Water transport		0.000451	0.004814	0.000114	0.001992	0.000132	0.000141	0.000297	0.000162	0.000958	0.001432
112	Air transport		0.000308	0.002095	0.000079	0.001573	0.000078	0.000088	0.000224	0.000138	0.000810	0.001152
113	Supporting and aux. tpt activities		0.000583	0.003567	0.000178	0.003114	0.000240	0.000260	0.000378	0.000193	0.001009	0.001514
114	Storage and warehousing		0.000731	0.005058	0.000209	0.003227	0.000240	0.000307	0.000407	0.000142	0.001638	0.002240
115	Communication		0.000328	0.001567	0.000057	0.001118	0.000072	0.000113	0.000172	0.000085	0.000555	0.000819
116	Trade		0.000692	0.004768	0.000194	0.002935	0.000226	0.000303	0.000370	0.000107	0.001492	0.002019
117	Hotels and restaurants		0.000223	0.001188	0.000053	0.000934	0.000074	0.000097	0.000122	0.000056	0.000399	0.000566
118	Banking		0.001679	0.004850	0.000211	0.003383	0.000229	0.000278	0.000386	0.000192	0.001527	0.002918
119	Insurance		0.001446	0.003179	0.000071	0.001290	0.000244	0.001193	0.000907	0.000100	0.001046	0.001533
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.000010	0.000080	0.000003	0.000065	0.000003	0.000003	0.000008	0.000006	0.000035	0.000049
122	Medical and health		0.000010	0.000044	0.000002	0.000028	0.000002	0.000006	0.000007	0.000003	0.000015	0.000022
123	Business services		0.000314	0.002100	0.000083	0.001579	0.000102	0.000137	0.000242	0.000118	0.000980	0.001380
124	Computer & related activities		0.000034	0.000248	0.000009	0.000158	0.000009	0.000009	0.000026	0.000014	0.000076	0.000110
125	Legal services		0.000158	0.000837	0.000032	0.000589	0.000038	0.000057	0.000111	0.000043	0.000358	0.000516
126	Real estate activities		0.000058	0.000448	0.000016	0.000336	0.000019	0.000036	0.000054	0.000025	0.000265	0.000396
127	Renting of machinery & equipment		0.000165	0.001293	0.000047	0.000900	0.000053	0.000063	0.000137	0.000077	0.000487	0.000709
128	O.com, social&personal services		0.000066	0.000317	0.000013	0.000251	0.000016	0.000022	0.000047	0.000020	0.000155	0.000220
129	Other services		0.000265	0.001875	0.000059	0.001221	0.000061	0.000065	0.000196	0.000117	0.000664	0.000931
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	20	21	22	23	24	25	26	27	28	29
1	Paddy		0.055894	0.009010	0.009215	0.019120	0.007807	0.000586	0.000118	0.000178	0.000037	0.000156
2	Wheat		0.050345	0.009875	0.011135	0.001465	0.010862	0.000602	0.000192	0.000212	0.000044	0.000182
3	Jowar		0.016497	0.003004	0.002719	0.151657	0.002352	0.000436	0.000129	0.000152	0.000032	0.000131
4	Bajra		0.003944	0.009622	0.001277	0.165842	0.005322	0.000485	0.000142	0.000167	0.000036	0.000146
5	Maize		0.004563	0.002310	0.000938	0.105410	0.004109	0.000336	0.000148	0.000133	0.000028	0.000114
6	Gram		0.071892	0.058520	0.042299	0.001868	0.067715	0.000587	0.000212	0.000279	0.000055	0.000225
7	Pulses		0.018180	0.026791	0.012267	0.001213	0.007231	0.001721	0.000237	0.000430	0.000092	0.000391
8	Sugarcane		0.005851	0.017996	0.001731	0.001568	0.001729	0.001517	0.000459	0.000675	0.000145	0.000567
9	Groundnut		0.013002	0.017082	0.019856	0.000908	0.012689	0.000637	0.000156	0.000226	0.000047	0.000198
10	Coconut		0.002406	0.008232	0.009631	0.000443	0.006026	0.000312	0.000305	0.000134	0.000031	0.000146
11	Other oilseeds		0.004812	0.017248	0.020095	0.001159	0.012632	0.000813	0.000225	0.000312	0.000066	0.000270
12	Jute		0.040301	0.008274	0.007577	0.001931	0.006407	0.002156	0.037883	0.001194	0.000308	0.001610
13	Cotton		0.001053	0.014271	0.000703	0.000119	0.001015	0.002092	0.003969	0.000369	0.000089	0.000410
14	Tea		0.000862	0.001091	0.000908	0.000777	0.000878	0.001429	0.000264	0.000382	0.000081	0.000355
15	Coffee		0.000753	0.000951	0.000788	0.000711	0.000766	0.001233	0.000236	0.000332	0.000070	0.000308
16	Rubber		0.003570	0.002462	0.002134	0.000579	0.001855	0.006364	0.001247	0.004125	0.000853	0.003820
17	Tobacco		0.000057	0.000068	0.000049	0.000091	0.000056	0.000025	0.000024	0.000017	0.000003	0.000015
18	Fruits		0.001344	0.001669	0.001023	0.003148	0.001382	0.000861	0.000748	0.000509	0.000108	0.000417
19	Vegetables		0.000273	0.000252	0.000224	0.000092	0.000909	0.000765	0.000054	0.000164	0.000036	0.000154
20	Other crops		1.047186	0.152670	0.161432	0.006558	0.134207	0.002305	0.000535	0.001054	0.000201	0.000848
21	Milk and milk products		0.000513	1.001137	0.000425	0.000585	0.000478	0.001128	0.000178	0.000276	0.000060	0.000254
22	Animal services(agricultural)		0.186426	0.035176	1.033411	0.022746	0.028120	0.001158	0.000860	0.000402	0.000083	0.000352
23	Poultry & Eggs		0.000602	0.002716	0.000513	1.000210	0.000560	0.001907	0.000119	0.000380	0.000083	0.000365
24	Other liv.st. produ.		0.028164	0.007242	0.005834	0.005446	1.004928	0.001932	0.000812	0.000955	0.000206	0.000852
25	Forestry and logging		0.001653	0.001644	0.000815	0.000236	0.000707	1.011112	0.000360	0.001392	0.000292	0.001488
26	Fishing		0.000578	0.000633	0.000398	0.001133	0.000522	0.000386	1.027254	0.000208	0.000044	0.000173
27	Coal and lignite		0.011033	0.003859	0.003379	0.001150	0.002993	0.003905	0.001726	1.029195	0.001878	0.008038
28	Natural gas		0.052518	0.013090	0.012081	0.004564	0.010411	0.008945	0.004226	0.013179	1.003403	0.011270
29	Crude petroleum		0.096241	0.032682	0.030154	0.009487	0.025833	0.043227	0.015633	0.035775	0.005462	1.029525
30	Iron ore		0.001466	0.000681	0.000616	0.000172	0.000562	0.001040	0.000570	0.001596	0.000454	0.002399
31	Manganese ore		0.007025	0.002714	0.002474	0.000749	0.002232	0.003664	0.001906	0.005472	0.001573	0.008470
32	Bauxite		0.002435	0.001068	0.000961	0.000275	0.000872	0.001612	0.000621	0.002569	0.000709	0.003763
33	Copper ore		0.062152	0.030958	0.027823	0.007700	0.025351	0.048935	0.020197	0.083906	0.022072	0.109731
34	Other metallic minerals		0.002888	0.001343	0.001206	0.000345	0.001092	0.001996	0.000863	0.003559	0.000920	0.004473

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	20	21	22	23	24	25	26	27	28	29
35	Lime stone	0.004104	0.001168	0.001055	0.000333	0.000949	0.001438	0.000341	0.001134	0.000472	0.003564
36	Mica	0.038610	0.015169	0.013664	0.004516	0.012139	0.020808	0.006782	0.025694	0.011355	0.087600
37	Other non metallic minerals	0.009202	0.002158	0.002015	0.000747	0.001754	0.001524	0.000387	0.001259	0.000473	0.003430
38	Sugar	0.000831	0.000707	0.000516	0.000721	0.000566	0.000935	0.000236	0.000465	0.000100	0.000393
39	Khandsari, boora	0.001262	0.001204	0.000899	0.001151	0.000962	0.002011	0.000376	0.000620	0.000133	0.000550
40	Hydrogenated oil(vanaspati)	0.001732	0.003714	0.004023	0.000699	0.002771	0.002895	0.000274	0.000641	0.000140	0.000601
41	Edible oils other than vanaspati	0.007354	0.029588	0.034787	0.001349	0.021626	0.000860	0.000202	0.000290	0.000062	0.000257
42	Tea and coffee processing	0.000479	0.000458	0.000413	0.000121	0.000359	0.001527	0.000094	0.000304	0.000067	0.000292
43	Miscellaneous food products	0.001706	0.002938	0.001531	0.006934	0.002508	0.001354	0.001605	0.000629	0.000136	0.000558
44	Beverages	0.000827	0.000460	0.000405	0.000118	0.000356	0.001120	0.000108	0.000347	0.000075	0.000318
45	Tobacco products	0.000016	0.000015	0.000011	0.000019	0.000013	0.000006	0.000005	0.000004	0.000001	0.000004
46	Khadi, cotton textiles(handlooms)	0.000526	0.002062	0.000330	0.000079	0.000341	0.001475	0.002372	0.000338	0.000090	0.000417
47	Cotton textiles	0.000298	0.016904	0.000287	0.000052	0.000800	0.000592	0.000961	0.000174	0.000048	0.000222
48	Woolen textiles	0.001826	0.000942	0.000570	0.000138	0.000495	0.000925	0.002415	0.000312	0.000071	0.000330
49	Silk textiles	0.000825	0.001550	0.000324	0.000083	0.000318	0.001021	0.001913	0.000344	0.000094	0.000440
50	Art silk, synthetic fiber textiles	0.000815	0.002644	0.000406	0.000101	0.000422	0.001463	0.002648	0.000419	0.000103	0.000468
51	Jute, hemp, mesta textiles	0.054806	0.010462	0.010172	0.002593	0.008577	0.002136	0.050366	0.001426	0.000373	0.001987
52	Carpet weaving	0.000042	0.000077	0.000025	0.000006	0.000023	0.000081	0.000036	0.000027	0.000006	0.000027
53	Readymade garments	0.000486	0.000902	0.000226	0.000066	0.000219	0.000532	0.000334	0.000638	0.000231	0.001107
54	Miscellaneous textile products	0.001912	0.002304	0.001385	0.000364	0.001219	0.012184	0.023791	0.001199	0.000237	0.001059
55	Furniture and fixtures-wooden	0.001251	0.000687	0.000585	0.000173	0.000514	0.001789	0.000282	0.001647	0.000541	0.002559
56	Wood and wood products	0.003145	0.001929	0.001671	0.000519	0.001419	0.001703	0.001456	0.007471	0.000938	0.002333
57	Paper, paper prods. & newsprint	0.004823	0.004318	0.003742	0.001217	0.003210	0.012666	0.001233	0.004076	0.000740	0.003072
58	Printing and publishing	0.003613	0.003831	0.003561	0.000745	0.003026	0.004067	0.000559	0.001983	0.000362	0.001545
59	Leather footwear	0.000429	0.000144	0.000126	0.000039	0.000111	0.000103	0.000037	0.000115	0.000023	0.000091
60	Leather and leather products	0.001078	0.001095	0.000830	0.000185	0.000717	0.001754	0.001664	0.001031	0.000203	0.000835
61	Rubber products	0.003117	0.002441	0.002216	0.000505	0.001904	0.009227	0.000678	0.005166	0.001049	0.004869
62	Plastic products	0.002938	0.001856	0.001542	0.000458	0.001354	0.002550	0.000897	0.001969	0.000452	0.002039
63	Petroleum products	0.012457	0.004604	0.004246	0.001283	0.003633	0.006758	0.002424	0.005466	0.000818	0.004488
64	Coal tar products	0.004387	0.001396	0.001260	0.000390	0.001137	0.001961	0.000603	0.002237	0.000729	0.004669
65	Inorganic heavy chemicals	0.037181	0.008814	0.007826	0.003079	0.006783	0.003893	0.001810	0.005269	0.001170	0.004999
66	Organic heavy chemicals	0.018054	0.006222	0.004773	0.001584	0.004559	0.003298	0.001981	0.004805	0.001015	0.003951
67	Fertilizers	0.199309	0.036381	0.035226	0.015383	0.029852	0.003711	0.001338	0.002154	0.000414	0.001903

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	20	21	22	23	24	25	26	27	28	29
68	Pesticides		0.084758	0.014900	0.015044	0.003561	0.012738	0.004621	0.001013	0.004960	0.001039	0.003770
69	Paints, varnishes and lacquers		0.003081	0.001867	0.001283	0.000414	0.001142	0.001905	0.000903	0.001525	0.000414	0.002387
70	Drugs and medicines		0.001169	0.004688	0.002079	0.000174	0.003644	0.000376	0.000184	0.000573	0.000130	0.000534
71	Soaps, cosmetics & glycerin		0.000749	0.000321	0.000255	0.000073	0.000228	0.000287	0.000170	0.000497	0.000104	0.000375
72	Synthetic fibers, resin		0.004895	0.003325	0.002312	0.000629	0.002036	0.005374	0.003073	0.003896	0.000845	0.003696
73	Other chemicals		0.010337	0.004546	0.004010	0.001130	0.003348	0.004007	0.003295	0.044126	0.008894	0.028492
74	Structural clay products		0.002632	0.000689	0.000631	0.000194	0.000573	0.001122	0.000151	0.000556	0.000319	0.002797
75	Cement		0.002525	0.000665	0.000610	0.000188	0.000553	0.001084	0.000150	0.000557	0.000318	0.002777
76	Other non-metallic mineral prods.		0.002537	0.000841	0.000758	0.000268	0.000682	0.001228	0.000335	0.000894	0.000752	0.007090
77	Iron, steel and ferro alloys		0.002917	0.001362	0.001231	0.000344	0.001131	0.002167	0.001307	0.003251	0.000942	0.004904
78	Iron and steel casting & forging		0.002564	0.001302	0.001172	0.000322	0.001082	0.002008	0.000909	0.003246	0.000899	0.004425
79	Iron and steel foundries		0.002365	0.000968	0.000879	0.000245	0.000799	0.001573	0.000709	0.001852	0.000557	0.003243
80	Non-ferrous basic metals		0.005879	0.002961	0.002663	0.000733	0.002437	0.004570	0.001868	0.007517	0.002089	0.010391
81	Hand tools, hardware		0.006213	0.006070	0.005703	0.001168	0.004853	0.004041	0.001210	0.006331	0.002297	0.016349
82	Miscellaneous metal products		0.002550	0.001120	0.001004	0.000291	0.000919	0.002325	0.000859	0.005493	0.001163	0.005767
83	Tractors and agri. implements		0.017383	0.003320	0.002862	0.001209	0.004104	0.010399	0.000131	0.000426	0.000119	0.000540
84	Industrial machinery(F & T)		0.004273	0.001933	0.001327	0.000599	0.001228	0.001675	0.001476	0.002538	0.000788	0.003622
85	Industrial machinery(others)		0.008253	0.003566	0.002413	0.001876	0.004801	0.003152	0.001149	0.035850	0.009200	0.045051
86	Machine tools		0.002890	0.001575	0.001384	0.000387	0.001318	0.002471	0.001245	0.010908	0.001736	0.005051
87	Other non-electrical machinery		0.004458	0.002050	0.001851	0.000527	0.001666	0.003398	0.001074	0.009409	0.003581	0.016769
88	Electrical industrial Machinery		0.002076	0.000792	0.000695	0.000233	0.000610	0.000833	0.000494	0.001886	0.000397	0.001444
89	Electrical wires & cables		0.002265	0.001061	0.000964	0.000258	0.000846	0.001509	0.000376	0.001136	0.000337	0.002149
90	Batteries		0.005322	0.004663	0.004241	0.000938	0.003633	0.020211	0.001286	0.003646	0.000664	0.002847
91	Electrical appliances		0.000760	0.000477	0.000433	0.000111	0.000378	0.000905	0.000328	0.001028	0.000247	0.001030
92	Communication equipments		0.003087	0.002140	0.001824	0.000501	0.001616	0.003758	0.002500	0.003028	0.000766	0.003345
93	Other electrical Machinery		0.003934	0.002078	0.001856	0.000519	0.001642	0.003028	0.001774	0.004463	0.001021	0.004243
94	Electronic equipments(incl.TV)		0.003054	0.001863	0.001614	0.000464	0.001447	0.003429	0.002850	0.003096	0.000841	0.003885
95	Ships and boats		0.017731	0.009560	0.007957	0.005249	0.007255	0.071366	0.811688	0.010595	0.002578	0.012732
96	Rail equipments		0.005566	0.002411	0.002281	0.000920	0.001947	0.002762	0.000760	0.006062	0.001309	0.006251
97	Motor vehicles		0.001334	0.001042	0.000955	0.000217	0.000817	0.004569	0.000230	0.005508	0.000618	0.000991
98	Motor cycles and scooters		0.001340	0.000547	0.000499	0.000110	0.000442	0.002165	0.000126	0.000914	0.000180	0.000725
99	Bicycles, cycle-rickshaw		0.000382	0.000221	0.000193	0.000050	0.000173	0.008012	0.000085	0.000399	0.000096	0.000446
100	Other transport equipments		0.037755	0.006077	0.006279	0.000626	0.005264	0.002015	0.000295	0.001204	0.000294	0.001277

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	20	21	22	23	24	25	26	27	28	29
101	Watches and clocks	0.001845	0.001338	0.001167	0.000289	0.001019	0.003384	0.001416	0.002493	0.000590	0.002752
102	Medical, precision&optical instru.s	0.000744	0.000586	0.000463	0.000113	0.000417	0.001043	0.000471	0.001216	0.000275	0.001191
103	Jems & jewelry	0.000133	0.000134	0.000124	0.000026	0.000106	0.000147	0.000064	0.000112	0.000025	0.000121
104	Aircraft & spacecraft	0.009605	0.006538	0.005995	0.001277	0.005189	0.009714	0.001841	0.009742	0.002436	0.009705
105	Miscellaneous manufacturing	0.002833	0.001975	0.001710	0.000421	0.001483	0.009490	0.000859	0.001815	0.000518	0.003571
106	Construction	0.002644	0.000686	0.000629	0.000193	0.000572	0.001130	0.000149	0.000551	0.000321	0.002834
107	Electricity	0.019565	0.005724	0.004946	0.001946	0.004303	0.003358	0.001301	0.014248	0.002516	0.007094
108	Water supply	0.002264	0.000695	0.000608	0.000246	0.000537	0.001086	0.000163	0.001434	0.000811	0.004042
109	Railway transport services	0.008155	0.003294	0.003128	0.001345	0.002666	0.003610	0.000901	0.008723	0.001880	0.009044
110	Land tpt including via pipeline	0.006703	0.006395	0.005848	0.001250	0.004972	0.007635	0.001444	0.004006	0.000616	0.002599
111	Water transport	0.010676	0.004010	0.003584	0.003268	0.003281	0.003239	0.001236	0.003886	0.000668	0.003391
112	Air transport	0.005079	0.003530	0.003244	0.000623	0.002818	0.002066	0.000890	0.003473	0.001030	0.004968
113	Supporting and aux. tpt activities	0.008998	0.008515	0.007768	0.001757	0.006614	0.002405	0.001830	0.005349	0.001863	0.003747
114	Storage and warehousing	0.011698	0.015923	0.015166	0.002793	0.012707	0.003048	0.001730	0.004927	0.003187	0.015522
115	Communication	0.003814	0.002545	0.002184	0.000628	0.001938	0.004310	0.000877	0.003184	0.000698	0.002691
116	Trade	0.010701	0.016192	0.015446	0.002774	0.012930	0.002501	0.001561	0.002454	0.000442	0.002201
117	Hotels and restaurants	0.002866	0.002703	0.002466	0.000538	0.002109	0.009463	0.000530	0.001856	0.000407	0.001787
118	Banking	0.012974	0.006192	0.004752	0.001784	0.004888	0.002455	0.001138	0.006021	0.001078	0.004705
119	Insurance	0.004835	0.003538	0.002935	0.000789	0.002550	0.002314	0.002126	0.002749	0.000722	0.003326
120	Ownership of dwellings	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research	0.000223	0.000088	0.000079	0.000025	0.000069	0.000149	0.000040	0.005551	0.000198	0.001016
122	Medical and health	0.000109	0.000055	0.000050	0.000018	0.000043	0.000100	0.000025	0.000098	0.000022	0.000105
123	Business services	0.005562	0.004200	0.003670	0.000966	0.003212	0.006178	0.001227	0.005845	0.001403	0.007207
124	Computer & related activities	0.000548	0.000333	0.000290	0.000080	0.000253	0.001810	0.000253	0.000369	0.000092	0.000432
125	Legal services	0.002234	0.001694	0.001488	0.000353	0.001284	0.015382	0.000752	0.002767	0.000524	0.002432
126	Real estate activities	0.001257	0.000792	0.000696	0.000191	0.000611	0.001163	0.000225	0.001050	0.000270	0.001503
127	Renting of machinery & equipment	0.003243	0.001750	0.001578	0.000483	0.001347	0.010584	0.000577	0.006806	0.001420	0.003767
128	O.com, social&personal services	0.000972	0.001391	0.000529	0.000154	0.000527	0.001652	0.000971	0.000747	0.000185	0.000831
129	Other services	0.004614	0.001767	0.001459	0.000459	0.001258	0.021939	0.001422	0.009451	0.004621	0.022701
130	Public administration	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	30	31	32	33	34	35	36	37	38	39
1	Paddy		0.000045	0.000003	0.000003	0.000001	0.000008	0.000009	0.000000	0.000076	0.000299	0.000154
2	Wheat		0.000054	0.000003	0.000004	0.000001	0.000010	0.000011	0.000000	0.000090	0.000775	0.000212
3	Jowar		0.000040	0.000003	0.000003	0.000001	0.000007	0.000008	0.000000	0.000070	0.000199	0.000140
4	Bajra		0.000045	0.000003	0.000003	0.000002	0.000008	0.000009	0.000000	0.000078	0.000310	0.000191
5	Maize		0.000036	0.000002	0.000003	0.000001	0.000006	0.000008	0.000000	0.000060	0.000174	0.000133
6	Gram		0.000068	0.000003	0.000004	0.000002	0.000012	0.000015	0.000000	0.000094	0.001296	0.000466
7	Pulses		0.000114	0.000010	0.000005	0.000003	0.000020	0.000020	0.000000	0.000206	0.000539	0.000261
8	Sugarcane		0.000180	0.000010	0.000012	0.000006	0.000035	0.000040	0.000000	0.000299	0.520178	0.204715
9	Groundnut		0.000059	0.000004	0.000003	0.000002	0.000011	0.000012	0.000000	0.000093	0.000522	0.000246
10	Coconut		0.000036	0.000002	0.000043	0.000001	0.000007	0.000008	0.000000	0.000053	0.000274	0.000126
11	Other oilseeds		0.000082	0.000005	0.000005	0.000002	0.000015	0.000017	0.000000	0.000131	0.000661	0.000327
12	Jute		0.000326	0.000011	0.000016	0.000009	0.000070	0.000087	0.000000	0.000364	0.001491	0.000578
13	Cotton		0.000131	0.000009	0.000004	0.000004	0.000015	0.000018	0.000000	0.000069	0.000227	0.000092
14	Tea		0.000100	0.000008	0.000006	0.000003	0.000018	0.000017	0.000000	0.000170	0.000550	0.000247
15	Coffee		0.000087	0.000007	0.000005	0.000003	0.000016	0.000015	0.000000	0.000147	0.000479	0.000220
16	Rubber		0.001696	0.000033	0.000025	0.000063	0.000272	0.000320	0.000001	0.000869	0.001345	0.000545
17	Tobacco		0.000004	0.000000	0.000000	0.000000	0.000001	0.000001	0.000000	0.000006	0.000027	0.000012
18	Fruits		0.000136	0.000006	0.000015	0.000004	0.000026	0.000032	0.000000	0.000225	0.001020	0.000929
19	Vegetables		0.000044	0.000004	0.000002	0.000001	0.000008	0.000007	0.000000	0.000083	0.000141	0.000060
20	Other crops		0.000238	0.000010	0.000011	0.000006	0.000043	0.000053	0.000000	0.000335	0.002974	0.001198
21	Milk and milk products		0.000074	0.000006	0.000004	0.000002	0.000013	0.000013	0.000000	0.000136	0.000254	0.000158
22	Animal services(agricultural)		0.000102	0.000006	0.000005	0.000003	0.000018	0.000021	0.000000	0.000146	0.012183	0.004810
23	Poultry & Eggs		0.000103	0.000011	0.000004	0.000003	0.000018	0.000015	0.000000	0.000196	0.000287	0.000120
24	Other liv.st. produ.		0.000282	0.000011	0.000009	0.000008	0.000049	0.000058	0.000000	0.000346	0.004646	0.001875
25	Forestry and logging		0.000228	0.000032	0.000009	0.000007	0.000058	0.000057	0.000000	0.000241	0.000775	0.000310
26	Fishing		0.000055	0.000002	0.000005	0.000002	0.000010	0.000013	0.000000	0.000090	0.000267	0.000231
27	Coal and lignite		0.002626	0.000090	0.000119	0.000047	0.000464	0.000422	0.000002	0.001329	0.003554	0.001363
28	Natural gas		0.003707	0.000108	0.000157	0.000084	0.000661	0.000753	0.000004	0.003068	0.012036	0.004576
29	Crude petroleum		0.012211	0.000278	0.000420	0.000233	0.001448	0.001897	0.000014	0.007409	0.026248	0.009368
30	Iron ore		1.000524	0.000012	0.000019	0.000007	0.000087	0.000095	0.000000	0.000257	0.000510	0.000191
31	Manganese ore		0.001797	1.000040	0.000062	0.000024	0.000342	0.000395	0.000001	0.000905	0.002127	0.000804
32	Bauxite		0.001021	0.000019	1.000540	0.000013	0.000154	0.000154	0.000000	0.000419	0.000811	0.000305
33	Copper ore		0.034259	0.000616	0.000729	1.000390	0.003818	0.003759	0.000011	0.012281	0.023601	0.008845
34	Other metallic minerals		0.001363	0.000024	0.000058	0.000017	1.000167	0.000176	0.000001	0.000638	0.001016	0.000383

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	30	31	32	33	34	35	36	37	38	39
35	Lime stone	0.000315	0.000008	0.000150	0.000010	0.000115	1.000210	0.000000	0.000381	0.000863	0.000325
36	Mica	0.006586	0.000169	0.001350	0.000143	0.007775	0.011357	1.000004	0.007443	0.011131	0.004238
37	Other non metallic minerals	0.000357	0.000009	0.000173	0.000010	0.000135	0.000183	0.000000	1.000420	0.001890	0.000728
38	Sugar	0.000126	0.000006	0.000007	0.000004	0.000023	0.000028	0.000000	0.000206	1.002793	0.001053
39	Khandsari, boora	0.000169	0.000013	0.000010	0.000006	0.000033	0.000035	0.000000	0.000310	0.007486	1.002328
40	Hydrogenated oil(vanaspati)	0.000172	0.000016	0.000007	0.000005	0.000030	0.000028	0.000000	0.000321	0.000682	0.000436
41	Edible oils other than vanaspati	0.000078	0.000005	0.000004	0.000002	0.000014	0.000015	0.000000	0.000127	0.000738	0.000341
42	Tea and coffee processing	0.000082	0.000009	0.000003	0.000002	0.000014	0.000012	0.000000	0.000157	0.000232	0.000095
43	Miscellaneous food products	0.000169	0.000008	0.000030	0.000005	0.000032	0.000038	0.000000	0.000271	0.000463	0.000259
44	Beverages	0.000095	0.000007	0.000004	0.000004	0.000017	0.000019	0.000000	0.000158	0.000353	0.000169
45	Tobacco products	0.000001	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000001	0.000006	0.000003
46	Khadi, cotton textiles(handlooms)	0.000142	0.000011	0.000003	0.000005	0.000013	0.000016	0.000000	0.000056	0.000200	0.000079
47	Cotton textiles	0.000076	0.000006	0.000002	0.000003	0.000007	0.000008	0.000000	0.000030	0.000100	0.000041
48	Woolen textiles	0.000097	0.000006	0.000003	0.000003	0.000012	0.000015	0.000000	0.000059	0.000204	0.000080
49	Silk textiles	0.000148	0.000012	0.000003	0.000005	0.000013	0.000016	0.000000	0.000059	0.000181	0.000072
50	Art silk, synthetic fiber textiles	0.000144	0.000009	0.000004	0.000005	0.000018	0.000021	0.000000	0.000080	0.000246	0.000098
51	Jute, hemp, mesta textiles	0.000379	0.000012	0.000019	0.000010	0.000086	0.000107	0.000000	0.000449	0.001917	0.000742
52	Carpet weaving	0.000010	0.000000	0.000000	0.000000	0.000001	0.000001	0.000000	0.000006	0.000022	0.000009
53	Readymade garments	0.000393	0.000042	0.000006	0.000014	0.000015	0.000022	0.000000	0.000071	0.000172	0.000067
54	Miscellaneous textile products	0.000309	0.000014	0.000013	0.000010	0.000050	0.000057	0.000000	0.000232	0.000785	0.000319
55	Furniture and fixtures-wooden	0.000895	0.000086	0.000017	0.000032	0.000081	0.000045	0.000000	0.000243	0.000528	0.000204
56	Wood and wood products	0.000359	0.000206	0.000022	0.000009	0.000177	0.000102	0.000002	0.000708	0.001998	0.000883
57	Paper, paper prods. & newsprint	0.000907	0.000045	0.000038	0.000027	0.000155	0.000190	0.000001	0.000912	0.004250	0.001654
58	Printing and publishing	0.000469	0.000031	0.000016	0.000021	0.000074	0.000094	0.000000	0.000328	0.002558	0.001009
59	Leather footwear	0.000029	0.000001	0.000001	0.000002	0.000005	0.000007	0.000000	0.000035	0.000089	0.000035
60	Leather and leather products	0.000281	0.000009	0.000009	0.000009	0.000048	0.000052	0.000000	0.000182	0.000573	0.000226
61	Rubber products	0.002497	0.000047	0.000024	0.000099	0.000390	0.000450	0.000001	0.000924	0.001018	0.000397
62	Plastic products	0.000522	0.000014	0.000028	0.000012	0.000094	0.000113	0.000000	0.000490	0.001528	0.000658
63	Petroleum products	0.001882	0.000043	0.000065	0.000035	0.000218	0.000286	0.000002	0.001097	0.003611	0.001269
64	Coal tar products	0.000657	0.000019	0.000027	0.000013	0.000164	0.000192	0.000000	0.000531	0.001080	0.000404
65	Inorganic heavy chemicals	0.001534	0.000026	0.000085	0.000167	0.000300	0.000406	0.000001	0.001706	0.008022	0.003178
66	Organic heavy chemicals	0.001332	0.000024	0.000038	0.000045	0.000236	0.000321	0.000001	0.001636	0.003895	0.001545
67	Fertilizers	0.000656	0.000018	0.000028	0.000030	0.000104	0.000134	0.000001	0.000618	0.038028	0.014840

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	30	31	32	33	34	35	36	37	38	39
68	Pesticides		0.001317	0.000018	0.000032	0.000045	0.000241	0.000338	0.000001	0.001881	0.003293	0.001230
69	Paints, varnishes and lacquers		0.000390	0.000013	0.000044	0.000010	0.000083	0.000099	0.000000	0.000357	0.000842	0.000327
70	Drugs and medicines		0.000186	0.000005	0.000006	0.000006	0.000033	0.000039	0.000000	0.000208	0.000301	0.000118
71	Soaps, cosmetics & glycerin		0.000132	0.000002	0.000003	0.000003	0.000023	0.000033	0.000000	0.000191	0.000165	0.000065
72	Synthetic fibers, resin		0.001252	0.000030	0.000035	0.000040	0.000212	0.000255	0.000001	0.000946	0.001785	0.000715
73	Other chemicals		0.011291	0.000035	0.000105	0.000163	0.002018	0.003082	0.000009	0.019226	0.002934	0.001124
74	Structural clay products		0.000138	0.000005	0.000221	0.000005	0.000069	0.000096	0.000000	0.000251	0.000496	0.000182
75	Cement		0.000138	0.000005	0.000087	0.000004	0.000077	0.000108	0.000000	0.000246	0.000478	0.000176
76	Other non-metallic mineral prods.		0.000244	0.000007	0.000118	0.000006	0.000098	0.000134	0.000000	0.000278	0.000622	0.000236
77	Iron, steel and ferro alloys		0.000950	0.000024	0.000024	0.000012	0.000166	0.000175	0.000000	0.000523	0.001018	0.000380
78	Iron and steel casting & forging		0.000994	0.000024	0.000024	0.000012	0.000157	0.000159	0.000000	0.000484	0.000972	0.000364
79	Iron and steel foundries		0.000541	0.000014	0.000016	0.000008	0.000107	0.000116	0.000000	0.000337	0.000709	0.000264
80	Non-ferrous basic metals		0.002612	0.000056	0.000060	0.000031	0.000374	0.000376	0.000001	0.001195	0.002232	0.000836
81	Hand tools, hardware		0.000952	0.000029	0.000032	0.000017	0.001114	0.000171	0.000001	0.000590	0.003956	0.001532
82	Miscellaneous metal products		0.003825	0.000034	0.000052	0.000033	0.000151	0.000130	0.000001	0.000528	0.000830	0.000311
83	Tractors and agri. implements		0.000114	0.000004	0.000003	0.000002	0.000018	0.000023	0.000000	0.000076	0.000392	0.000146
84	Industrial machinery(F & T)		0.000749	0.000024	0.000019	0.000009	0.000111	0.000154	0.000000	0.000432	0.004423	0.001642
85	Industrial machinery(others)		0.007897	0.000186	0.000337	0.000073	0.002101	0.000295	0.000001	0.002321	0.005456	0.001666
86	Machine tools		0.001031	0.000030	0.000028	0.000012	0.000179	0.000196	0.000000	0.000581	0.001140	0.000425
87	Other non-electrical machinery		0.003254	0.000096	0.000067	0.000027	0.000409	0.000831	0.000002	0.002100	0.001434	0.000539
88	Electrical industrial Machinery		0.000418	0.000022	0.000018	0.000010	0.000102	0.000090	0.000000	0.000294	0.000898	0.000326
89	Electrical wires & cables		0.000264	0.000010	0.000011	0.000007	0.000070	0.000083	0.000000	0.000271	0.000978	0.000334
90	Batteries		0.000722	0.000033	0.000038	0.000023	0.000132	0.000153	0.000001	0.000702	0.001858	0.000730
91	Electrical appliances		0.000253	0.000012	0.000007	0.000006	0.000042	0.000047	0.000000	0.000150	0.000588	0.000199
92	Communication equipments		0.001060	0.000049	0.000042	0.000047	0.000221	0.000169	0.000001	0.000741	0.002212	0.000893
93	Other electrical Machinery		0.001071	0.000043	0.000035	0.000023	0.000212	0.000189	0.000001	0.000653	0.001870	0.000698
94	Electronic equipments(incl.TV)		0.001107	0.000070	0.000036	0.000039	0.000221	0.000128	0.000001	0.000565	0.001686	0.000635
95	Ships and boats		0.004270	0.000159	0.000171	0.000193	0.001355	0.000510	0.000002	0.002440	0.005815	0.002300
96	Rail equipments		0.000908	0.000032	0.000038	0.000019	0.000127	0.000172	0.000001	0.001542	0.001379	0.000531
97	Motor vehicles		0.000215	0.000012	0.000008	0.000007	0.000098	0.000058	0.000000	0.000224	0.000672	0.000246
98	Motor cycles and scooters		0.000200	0.000008	0.000007	0.000007	0.000040	0.000037	0.000000	0.000148	0.000364	0.000142
99	Bicycles, cycle-rickshaw		0.000155	0.000003	0.000003	0.000004	0.000017	0.000031	0.000000	0.000069	0.000174	0.000068
100	Other transport equipments		0.000638	0.000019	0.000018	0.000034	0.000171	0.000069	0.000000	0.000365	0.000820	0.000319

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	30	31	32	33	34	35	36	37	38	39
101	Watches and clocks	0.000624	0.000018	0.000017	0.000011	0.000106	0.000116	0.000000	0.000491	0.000967	0.000365
102	Medical, precision&optical instru.s	0.000316	0.000006	0.000008	0.000005	0.000059	0.000071	0.000000	0.000332	0.000378	0.000144
103	Jems & jewelry	0.000029	0.000001	0.000001	0.000001	0.000005	0.000004	0.000000	0.000017	0.000094	0.000036
104	Aircraft & spacecraft	0.005722	0.001458	0.001646	0.001796	0.003450	0.003463	0.000002	0.025130	0.003666	0.001588
105	Miscellaneous manufacturing	0.000517	0.000020	0.000022	0.000013	0.000123	0.000087	0.000000	0.000385	0.001558	0.000569
106	Construction	0.000135	0.000005	0.000007	0.000004	0.000069	0.000094	0.000000	0.000252	0.000492	0.000180
107	Electricity	0.002706	0.000205	0.000163	0.000091	0.000875	0.000661	0.000005	0.002156	0.006255	0.002390
108	Water supply	0.000226	0.000033	0.000008	0.000013	0.000075	0.000059	0.000000	0.000134	0.000570	0.000220
109	Railway transport services	0.001187	0.000044	0.000054	0.000022	0.000160	0.000227	0.000001	0.002304	0.001844	0.000709
110	Land tpt including via pipeline	0.000661	0.000028	0.000038	0.000019	0.000108	0.000142	0.000001	0.000706	0.002140	0.000849
111	Water transport	0.000726	0.000025	0.000039	0.000016	0.000108	0.000122	0.000001	0.000490	0.001697	0.000642
112	Air transport	0.001393	0.000045	0.000046	0.000021	0.000182	0.000143	0.000002	0.000576	0.001685	0.000769
113	Supporting and aux. tpt activities	0.000841	0.000069	0.000048	0.000035	0.000197	0.000121	0.000001	0.000526	0.002054	0.000803
114	Storage and warehousing	0.001452	0.000027	0.000037	0.000056	0.000630	0.000132	0.000003	0.000522	0.010588	0.004162
115	Communication	0.001084	0.000055	0.000044	0.000061	0.000190	0.000167	0.000001	0.000781	0.003012	0.001337
116	Trade	0.000565	0.000021	0.000027	0.000013	0.000105	0.000107	0.000000	0.000423	0.010772	0.004248
117	Hotels and restaurants	0.000500	0.000053	0.000017	0.000014	0.000086	0.000075	0.000001	0.000962	0.001373	0.000543
118	Banking	0.001164	0.000067	0.000060	0.000048	0.000270	0.000260	0.000004	0.001755	0.007171	0.002861
119	Insurance	0.000830	0.000052	0.000042	0.000037	0.000154	0.000195	0.000004	0.000710	0.004412	0.001786
120	Ownership of dwellings	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research	0.000440	0.000069	0.000002	0.000013	0.000011	0.000006	0.000004	0.000023	0.000082	0.000032
122	Medical and health	0.000022	0.000001	0.000001	0.000001	0.000003	0.000003	0.000000	0.000025	0.000052	0.000021
123	Business services	0.001759	0.000078	0.000057	0.000070	0.001141	0.000143	0.000001	0.000570	0.002623	0.001039
124	Computer & related activities	0.000231	0.000003	0.000008	0.000018	0.000022	0.000017	0.000000	0.000071	0.000464	0.000182
125	Legal services	0.011479	0.000152	0.000026	0.000815	0.004138	0.000505	0.000000	0.006268	0.001108	0.000460
126	Real estate activities	0.000312	0.000014	0.000010	0.000012	0.000199	0.000034	0.000000	0.000123	0.000507	0.000199
127	Renting of machinery & equipment	0.006093	0.002314	0.002626	0.002933	0.005273	0.005383	0.000000	0.040317	0.001409	0.000565
128	O.com, social&personal services	0.000261	0.000010	0.000027	0.000008	0.000049	0.000041	0.000000	0.000184	0.000388	0.000153
129	Other services	0.008595	0.000392	0.000480	0.000403	0.001272	0.001231	0.000000	0.004967	0.006128	0.001904
130	Public administration	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	40	41	42	43	44	45	46	47	48	49
1	Paddy		0.000781	0.009394	0.000337	0.045302	0.002360	0.000326	0.000091	0.001927	0.000183	0.000055
2	Wheat		0.000824	0.004982	0.000492	0.095370	0.003652	0.000560	0.000109	0.002357	0.000231	0.000067
3	Jowar		0.000387	0.001610	0.000266	0.066819	0.021179	0.000382	0.000059	0.001096	0.000088	0.000049
4	Bajra		0.000390	0.001672	0.000332	0.071275	0.027863	0.000422	0.000071	0.001331	0.000130	0.000064
5	Maize		0.000634	0.002982	0.000311	0.085638	0.004831	0.000448	0.000049	0.000905	0.000094	0.000037
6	Gram		0.001694	0.008734	0.001330	0.057538	0.002726	0.000496	0.000287	0.007185	0.001002	0.000165
7	Pulses		0.000937	0.003911	0.000599	0.085160	0.003471	0.000615	0.000175	0.003408	0.000277	0.000104
8	Sugarcane		0.003282	0.006448	0.001095	0.218484	0.098960	0.015849	0.000227	0.003572	0.000250	0.000262
9	Groundnut		0.065107	0.581334	0.000434	0.055568	0.002399	0.000407	0.000163	0.003353	0.000294	0.000093
10	Coconut		0.018006	0.301336	0.000215	0.026636	0.001210	0.000253	0.000108	0.002022	0.000203	0.000074
11	Other oilseeds		0.105257	0.627482	0.000544	0.091500	0.003810	0.000615	0.000197	0.003929	0.000326	0.000117
12	Jute		0.001105	0.006903	0.001008	0.032404	0.007257	0.002546	0.003083	0.055069	0.009018	0.004175
13	Cotton		0.001173	0.006206	0.000295	0.004872	0.001014	0.000372	0.030335	0.872072	0.031413	0.004752
14	Tea		0.000534	0.001756	0.821387	0.099849	0.004251	0.000914	0.000159	0.002351	0.000185	0.000102
15	Coffee		0.000486	0.001605	0.703584	0.092501	0.003871	0.000816	0.000138	0.002045	0.000161	0.000088
16	Rubber		0.000947	0.004086	0.001581	0.021022	0.004742	0.001309	0.001183	0.015847	0.001260	0.001242
17	Tobacco		0.000066	0.000131	0.000026	0.013358	0.000463	0.547376	0.000012	0.000139	0.000010	0.000011
18	Fruits		0.002003	0.007316	0.001231	0.478046	0.060462	0.002369	0.000171	0.002976	0.000183	0.000150
19	Vegetables		0.000127	0.000632	0.000162	0.007695	0.000738	0.000118	0.000051	0.000855	0.000072	0.000034
20	Other crops		0.006002	0.032348	0.002940	0.052199	0.005073	0.001323	0.000911	0.022520	0.002384	0.000496
21	Milk and milk products		0.000396	0.001524	0.000377	0.079520	0.003354	0.000494	0.000088	0.001490	0.000109	0.000060
22	Animal services(agricultural)		0.013958	0.093771	0.000860	0.075515	0.008419	0.001518	0.003132	0.088388	0.003583	0.000619
23	Poultry & Eggs		0.000175	0.000764	0.000358	0.010466	0.000665	0.000247	0.000121	0.002011	0.000157	0.000078
24	Other liv.st. produ.		0.003851	0.027893	0.015467	0.075444	0.004780	0.000975	0.001278	0.034094	0.011636	0.001281
25	Forestry and logging		0.001250	0.002997	0.000569	0.011420	0.002123	0.010862	0.000405	0.004795	0.000339	0.000317
26	Fishing		0.000720	0.002670	0.000457	0.170682	0.006076	0.000875	0.000075	0.001259	0.000078	0.000072
27	Coal and lignite		0.001655	0.008139	0.002557	0.026439	0.005778	0.002436	0.001826	0.024729	0.002053	0.001137
28	Natural gas		0.004512	0.026369	0.004612	0.059523	0.011632	0.004418	0.003242	0.052702	0.003569	0.004343
29	Crude petroleum		0.009600	0.051401	0.017028	0.135469	0.027261	0.011625	0.008405	0.129665	0.009447	0.006264
30	Iron ore		0.000185	0.000923	0.000265	0.003381	0.000612	0.000299	0.000165	0.002557	0.000269	0.000179
31	Manganese ore		0.000772	0.004039	0.000968	0.013216	0.002358	0.001135	0.000614	0.009771	0.000973	0.000655
32	Bauxite		0.000312	0.001561	0.000425	0.005669	0.001067	0.000529	0.000301	0.004375	0.000426	0.000335
33	Copper ore		0.008847	0.043490	0.012642	0.155276	0.029914	0.015231	0.008395	0.124656	0.012875	0.009594
34	Other metallic minerals		0.000424	0.002140	0.000533	0.007558	0.001428	0.000679	0.000393	0.005567	0.000547	0.000425

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	40	41	42	43	44	45	46	47	48	49
35	Lime stone	0.000344	0.001839	0.000415	0.006507	0.001252	0.000508	0.000323	0.004954	0.000360	0.000446
36	Mica	0.005160	0.026095	0.006343	0.147764	0.021630	0.008539	0.004116	0.065706	0.006324	0.004249
37	Other non metallic minerals	0.000689	0.004076	0.000515	0.010225	0.001651	0.000732	0.000404	0.007021	0.000459	0.000457
38	Sugar	0.000598	0.002302	0.000968	0.100178	0.047534	0.000811	0.000131	0.001996	0.000139	0.000143
39	Khandsari, boora	0.000810	0.003142	0.000730	0.157867	0.203670	0.001045	0.000217	0.003446	0.000243	0.000253
40	Hydrogenated oil(vanaspati)	1.058842	0.101736	0.000698	0.072587	0.003724	0.000701	0.000236	0.003822	0.000293	0.000147
41	Edible oils other than vanaspati	0.036124	1.103141	0.000638	0.069835	0.003100	0.000504	0.000234	0.005151	0.000458	0.000134
42	Tea and coffee processing	0.000134	0.000578	1.013490	0.006770	0.001111	0.000448	0.000097	0.001608	0.000125	0.000063
43	Miscellaneous food products	0.003630	0.006363	0.001738	1.077081	0.035240	0.005180	0.000290	0.005340	0.000308	0.000208
44	Beverages	0.000150	0.000699	0.000236	0.004409	1.036613	0.000227	0.000144	0.002066	0.000145	0.000163
45	Tobacco products	0.000011	0.000026	0.000006	0.002785	0.000098	1.113950	0.000003	0.000032	0.000002	0.000002
46	Khadi, cotton textiles(handlooms)	0.000117	0.000532	0.000199	0.002489	0.000652	0.000252	1.058748	0.110397	0.004022	0.006083
47	Cotton textiles	0.000085	0.000335	0.000105	0.002437	0.000342	0.000120	0.009520	1.066612	0.002773	0.002740
48	Woolen textiles	0.000135	0.000662	0.000279	0.002817	0.000655	0.000269	0.000792	0.023774	1.142234	0.002984
49	Silk textiles	0.000126	0.000551	0.000176	0.002537	0.000643	0.000309	0.001864	0.078214	0.006015	1.102056
50	Art silk, synthetic fiber textiles	0.000146	0.000672	0.000227	0.003007	0.000784	0.000504	0.010991	0.142951	0.010056	0.009569
51	Jute, hemp, mesta textiles	0.001432	0.009084	0.001260	0.042664	0.009492	0.003273	0.001317	0.033130	0.009697	0.002228
52	Carpet weaving	0.000017	0.000066	0.000016	0.000247	0.000059	0.000053	0.000047	0.003291	0.002775	0.000103
53	Readymade garments	0.000090	0.000427	0.000144	0.001649	0.000341	0.000140	0.000508	0.042787	0.003738	0.000459
54	Miscellaneous textile products	0.000587	0.002633	0.001397	0.015129	0.004594	0.001681	0.001212	0.055482	0.003190	0.003476
55	Furniture and fixtures-wooden	0.000263	0.001199	0.000378	0.004212	0.000914	0.000455	0.000304	0.004802	0.000334	0.000251
56	Wood and wood products	0.007971	0.013724	0.002020	0.034999	0.003474	0.010587	0.001493	0.013490	0.000869	0.000682
57	Paper, paper prods. & newsprint	0.005579	0.016958	0.003623	0.086431	0.020548	0.017468	0.002222	0.026256	0.001878	0.001323
58	Printing and publishing	0.001075	0.004872	0.001215	0.015087	0.003016	0.001846	0.000686	0.008902	0.000751	0.000457
59	Leather footwear	0.000052	0.000268	0.000064	0.000655	0.000199	0.000078	0.000062	0.000796	0.000052	0.000074
60	Leather and leather products	0.000281	0.001279	0.000360	0.004441	0.001176	0.000416	0.000424	0.015249	0.002403	0.003061
61	Rubber products	0.000645	0.002765	0.001876	0.008970	0.001773	0.000984	0.000633	0.010814	0.000837	0.000521
62	Plastic products	0.001412	0.005635	0.001544	0.021589	0.011310	0.001561	0.001944	0.015308	0.001154	0.001281
63	Petroleum products	0.001315	0.006854	0.002621	0.019484	0.003743	0.001637	0.001219	0.018599	0.001392	0.000762
64	Coal tar products	0.000407	0.002115	0.000630	0.008123	0.001436	0.000589	0.000399	0.006172	0.000510	0.000429
65	Inorganic heavy chemicals	0.003875	0.020368	0.001887	0.046985	0.012280	0.004450	0.003519	0.051607	0.003007	0.003404
66	Organic heavy chemicals	0.002347	0.012239	0.001798	0.033818	0.019603	0.005623	0.003401	0.048665	0.002875	0.011422
67	Fertilizers	0.012199	0.080915	0.004075	0.100295	0.014853	0.007460	0.002985	0.073911	0.003341	0.001407

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	40	41	42	43	44	45	46	47	48	49
68	Pesticides		0.003159	0.027535	0.007163	0.041306	0.007629	0.008319	0.001759	0.024855	0.001553	0.002408
69	Paints, varnishes and lacquers		0.000584	0.002709	0.000693	0.008567	0.002026	0.000964	0.007912	0.034547	0.001876	0.001023
70	Drugs and medicines		0.000205	0.001196	0.000275	0.007872	0.003833	0.000331	0.000165	0.002054	0.000178	0.000189
71	Soaps, cosmetics & glycerin		0.000283	0.000840	0.000127	0.002412	0.001276	0.004549	0.001695	0.003082	0.000182	0.000311
72	Synthetic fibers, resin		0.001212	0.005351	0.001456	0.017568	0.006485	0.001762	0.003560	0.059159	0.003518	0.005417
73	Other chemicals		0.005624	0.031770	0.001799	0.038225	0.017693	0.005186	0.002592	0.031862	0.002800	0.002396
74	Structural clay products		0.000173	0.000922	0.000282	0.004009	0.000562	0.000242	0.000142	0.002645	0.000195	0.000200
75	Cement		0.000168	0.000894	0.000275	0.003972	0.000553	0.000237	0.000137	0.002556	0.000191	0.000192
76	Other non-metallic mineral prods.		0.000261	0.001289	0.000395	0.011326	0.001337	0.000434	0.000205	0.003464	0.000266	0.000221
77	Iron, steel and ferro alloys		0.000360	0.001800	0.000533	0.006450	0.001168	0.000578	0.000322	0.005064	0.000559	0.000346
78	Iron and steel casting & forging		0.000351	0.001732	0.000498	0.006007	0.001161	0.000576	0.000323	0.004941	0.000576	0.000342
79	Iron and steel foundries		0.000259	0.001287	0.000379	0.004831	0.000829	0.000402	0.000224	0.003600	0.000345	0.000253
80	Non-ferrous basic metals		0.000835	0.004126	0.001188	0.014263	0.002798	0.001358	0.000777	0.011674	0.001244	0.000837
81	Hand tools, hardware		0.001369	0.006677	0.001608	0.019386	0.003469	0.001658	0.000963	0.012950	0.001368	0.000757
82	Miscellaneous metal products		0.000334	0.001592	0.000468	0.006641	0.001138	0.000855	0.000285	0.004645	0.000440	0.000594
83	Tractors and agri. implements		0.000275	0.001769	0.000150	0.007325	0.000757	0.000277	0.000074	0.001500	0.000137	0.000056
84	Industrial machinery(F & T)		0.001168	0.006266	0.002599	0.030647	0.008570	0.003914	0.002389	0.036883	0.012284	0.002613
85	Industrial machinery(others)		0.000901	0.004682	0.001211	0.013293	0.003182	0.001283	0.001013	0.011697	0.000960	0.000913
86	Machine tools		0.000402	0.001992	0.000574	0.006710	0.001358	0.000653	0.000400	0.007497	0.000890	0.001286
87	Other non-electrical machinery		0.000561	0.002817	0.001035	0.008566	0.001701	0.000835	0.000524	0.008644	0.000773	0.000402
88	Electrical industrial Machinery		0.000284	0.001443	0.000555	0.005194	0.001127	0.000370	0.000364	0.005005	0.000423	0.000194
89	Electrical wires & cables		0.000295	0.001393	0.000628	0.005068	0.000903	0.000424	0.000259	0.004513	0.000349	0.000233
90	Batteries		0.001200	0.005028	0.003757	0.016819	0.003101	0.001881	0.001138	0.020117	0.001557	0.000815
91	Electrical appliances		0.000143	0.000677	0.000194	0.002102	0.000410	0.000226	0.000119	0.001824	0.000159	0.000097
92	Communication equipments		0.000829	0.003486	0.001129	0.014093	0.002428	0.001598	0.000718	0.013809	0.001050	0.000713
93	Other electrical Machinery		0.000644	0.003146	0.001013	0.010733	0.002173	0.001036	0.000667	0.009774	0.000962	0.000648
94	Electronic equipments(incl.TV)		0.000667	0.003169	0.001037	0.010724	0.001993	0.001225	0.000597	0.009138	0.000750	0.000730
95	Ships and boats		0.006187	0.028982	0.004914	0.201529	0.020622	0.008395	0.002927	0.059452	0.003713	0.002718
96	Rail equipments		0.000717	0.003820	0.000708	0.012065	0.002065	0.002239	0.000553	0.007204	0.000569	0.000375
97	Motor vehicles		0.000271	0.001218	0.000670	0.003932	0.000738	0.000409	0.000246	0.003960	0.000312	0.000158
98	Motor cycles and scooters		0.000149	0.000738	0.000208	0.002196	0.000431	0.000223	0.000111	0.001496	0.000135	0.000101
99	Bicycles, cycle-rickshaw		0.000083	0.000388	0.000100	0.001098	0.000223	0.000272	0.000078	0.000794	0.000085	0.000068
100	Other transport equipments		0.000589	0.003083	0.000561	0.014259	0.001888	0.000965	0.000345	0.004064	0.000381	0.000226

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	40	41	42	43	44	45	46	47	48	49
101	Watches and clocks		0.000431	0.001985	0.000477	0.006072	0.001263	0.000704	0.000391	0.007893	0.000485	0.000424
102	Medical, precision&optical instru.s		0.000204	0.001003	0.000188	0.002634	0.000723	0.000283	0.000193	0.005870	0.000201	0.000177
103	Jems & jewelry		0.000033	0.000157	0.000028	0.000473	0.000086	0.000045	0.000025	0.000366	0.000031	0.000060
104	Aircraft & spacecraft		0.002323	0.012663	0.001958	0.024740	0.005865	0.006403	0.002755	0.023354	0.003003	0.002042
105	Miscellaneous manufacturing		0.000528	0.002599	0.000774	0.008867	0.001648	0.001018	0.000543	0.012368	0.000830	0.000818
106	Construction		0.000170	0.000907	0.000285	0.003987	0.000549	0.000238	0.000139	0.002617	0.000193	0.000198
107	Electricity		0.002340	0.012193	0.005216	0.045138	0.010020	0.002629	0.003430	0.044301	0.003282	0.001337
108	Water supply		0.000260	0.001421	0.000285	0.004458	0.001787	0.000308	0.000444	0.004207	0.000243	0.000145
109	Railway transport services		0.001006	0.005425	0.000937	0.017129	0.002910	0.003347	0.000770	0.009822	0.000753	0.000486
110	Land tpt including via pipeline		0.001590	0.006512	0.005576	0.021928	0.003991	0.002313	0.001544	0.027835	0.002116	0.000893
111	Water transport		0.003968	0.019535	0.001455	0.034832	0.010556	0.002557	0.000572	0.009237	0.000686	0.000386
112	Air transport		0.001019	0.006802	0.000834	0.012173	0.003205	0.003617	0.001641	0.011757	0.001321	0.000821
113	Supporting and aux. tpt activities		0.002143	0.007781	0.009623	0.022608	0.005094	0.002019	0.002016	0.040042	0.003112	0.001217
114	Storage and warehousing		0.003288	0.016419	0.002049	0.045417	0.007695	0.003487	0.001918	0.021265	0.002060	0.001149
115	Communication		0.001240	0.004801	0.001595	0.020966	0.003499	0.002308	0.000897	0.014074	0.001351	0.000797
116	Trade		0.003288	0.016422	0.001711	0.045522	0.007617	0.003470	0.001859	0.019672	0.001971	0.001090
117	Hotels and restaurants		0.000696	0.003121	0.001671	0.009860	0.001794	0.001024	0.000590	0.009772	0.000762	0.000378
118	Banking		0.003122	0.016424	0.003911	0.036481	0.008156	0.003325	0.001421	0.018896	0.001870	0.001251
119	Insurance		0.001448	0.007459	0.003397	0.027947	0.006013	0.003659	0.002459	0.030505	0.001887	0.002306
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.000038	0.000192	0.000048	0.000514	0.000109	0.000090	0.000040	0.000429	0.000042	0.000029
122	Medical and health		0.000024	0.000124	0.000032	0.000369	0.000075	0.000086	0.000030	0.000290	0.000027	0.000024
123	Business services		0.001179	0.005685	0.001946	0.033613	0.004613	0.002715	0.001358	0.024755	0.001836	0.001252
124	Computer & related activities		0.000277	0.001371	0.000255	0.002776	0.000702	0.001304	0.000405	0.002032	0.000356	0.000309
125	Legal services		0.000665	0.004401	0.000747	0.009023	0.001541	0.007050	0.001247	0.009634	0.001464	0.001204
126	Real estate activities		0.000226	0.001104	0.000360	0.006162	0.000856	0.000488	0.000245	0.004481	0.000332	0.000232
127	Renting of machinery & equipment		0.001284	0.004392	0.001079	0.009329	0.001748	0.002159	0.000681	0.009191	0.001713	0.001305
128	O.com, social&personal services		0.000208	0.000958	0.000337	0.006438	0.001063	0.000551	0.000730	0.051147	0.002050	0.001650
129	Other services		0.001990	0.004718	0.008216	0.010487	0.002532	0.010955	0.004391	0.017289	0.002419	0.001882
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	50	51	52	53	54	55	56	57	58	59
1	Paddy		0.000787	0.000131	0.000063	0.000964	0.000787	0.000264	0.000199	0.000688	0.000373	0.000509
2	Wheat		0.001009	0.000159	0.000083	0.001153	0.000956	0.000303	0.000220	0.000845	0.000493	0.000698
3	Jowar		0.000764	0.000072	0.000040	0.000701	0.000527	0.000223	0.000157	0.000570	0.000325	0.000196
4	Bajra		0.001017	0.000086	0.000050	0.000857	0.000663	0.000280	0.000184	0.000646	0.000380	0.000370
5	Maize		0.000609	0.000075	0.000034	0.000594	0.000457	0.000179	0.000127	0.000528	0.000299	0.000290
6	Gram		0.002229	0.000507	0.000203	0.002720	0.002673	0.000571	0.000305	0.001053	0.000631	0.003898
7	Pulses		0.001558	0.000215	0.000118	0.001924	0.001388	0.000594	0.000458	0.001172	0.000736	0.000569
8	Sugarcane		0.004130	0.000372	0.000162	0.003024	0.002245	0.001090	0.000671	0.002339	0.001404	0.000361
9	Groundnut		0.001512	0.000238	0.000098	0.001541	0.001271	0.000395	0.000261	0.000802	0.000508	0.000812
10	Coconut		0.001910	0.004652	0.000599	0.002864	0.001023	0.000309	0.000182	0.000528	0.000373	0.000410
11	Other oilseeds		0.001979	0.000297	0.000118	0.001924	0.001557	0.000508	0.000339	0.001100	0.000697	0.000845
12	Jute		0.165686	0.749660	0.091651	0.085411	0.070087	0.013040	0.005396	0.011009	0.010785	0.002652
13	Cotton		0.125251	0.004973	0.005231	0.160711	0.163413	0.002566	0.000659	0.002579	0.001751	0.000873
14	Tea		0.001497	0.000168	0.000110	0.002144	0.001391	0.000619	0.000470	0.001171	0.000724	0.000248
15	Coffee		0.001303	0.000139	0.000095	0.001854	0.001201	0.000535	0.000407	0.001030	0.000634	0.000216
16	Rubber		0.030256	0.000997	0.001431	0.024934	0.031305	0.010154	0.004508	0.012787	0.007775	0.024980
17	Tobacco		0.000175	0.000010	0.000007	0.000134	0.000094	0.000046	0.000027	0.000106	0.000060	0.000015
18	Fruits		0.002713	0.000183	0.000106	0.002126	0.001544	0.000655	0.000453	0.002423	0.001317	0.000339
19	Vegetables		0.000470	0.000050	0.000037	0.000675	0.000407	0.000225	0.000180	0.000359	0.000244	0.000108
20	Other crops		0.006475	0.001622	0.000642	0.008550	0.008350	0.001776	0.001255	0.005171	0.002533	0.007885
21	Milk and milk products		0.000910	0.000091	0.000061	0.001071	0.000708	0.000371	0.000294	0.000788	0.000488	0.000136
22	Animal services(agricultural)		0.014957	0.005841	0.001269	0.018163	0.018063	0.000905	0.000504	0.001827	0.001045	0.001809
23	Poultry & Eggs		0.001053	0.000117	0.000088	0.001467	0.000935	0.000539	0.000437	0.000821	0.000562	0.000165
24	Other liv.st. produ.		0.010921	0.002862	0.001483	0.016643	0.019292	0.004001	0.001128	0.002653	0.001880	0.056494
25	Forestry and logging		0.005650	0.000605	0.000345	0.006621	0.004539	0.086932	0.103058	0.077800	0.022660	0.000355
26	Fishing		0.001295	0.000078	0.000048	0.000938	0.000691	0.000307	0.000208	0.001014	0.000569	0.000134
27	Coal and lignite		0.020473	0.002996	0.001429	0.018838	0.014335	0.010508	0.006103	0.033230	0.013355	0.001367
28	Natural gas		0.051566	0.004264	0.004010	0.049773	0.058292	0.011823	0.006183	0.023924	0.016058	0.003129
29	Crude petroleum		0.102248	0.007441	0.005270	0.090177	0.064260	0.029330	0.019164	0.062997	0.038815	0.008594
30	Iron ore		0.001856	0.000244	0.000244	0.003256	0.002267	0.002387	0.000644	0.001530	0.001351	0.000264
31	Manganese ore		0.007312	0.000905	0.000861	0.011661	0.008193	0.008261	0.002294	0.005742	0.004978	0.000954
32	Bauxite		0.003765	0.000432	0.000401	0.005505	0.003948	0.004006	0.001134	0.002850	0.002645	0.000461
33	Copper ore		0.097874	0.012812	0.012196	0.158685	0.113531	0.132037	0.034761	0.077868	0.072626	0.013944
34	Other metallic minerals		0.005108	0.000561	0.000513	0.007073	0.005026	0.005141	0.001465	0.003751	0.003464	0.000629

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	50	51	52	53	54	55	56	57	58	59
35	Lime stone	0.006028	0.000402	0.000336	0.006095	0.004521	0.001917	0.000944	0.003304	0.003098	0.000352
36	Mica	0.063377	0.006937	0.005084	0.081995	0.055266	0.027933	0.014954	0.055425	0.051470	0.006234
37	Other non metallic minerals	0.007813	0.000819	0.000424	0.006970	0.005352	0.003598	0.001244	0.005004	0.003673	0.000469
38	Sugar	0.002438	0.000190	0.000095	0.001804	0.001306	0.000640	0.000406	0.001424	0.000910	0.000189
39	Khandsari, boora	0.003824	0.000288	0.000158	0.002908	0.002090	0.001097	0.000704	0.002072	0.001259	0.000300
40	Hydrogenated oil(vanaspati)	0.002120	0.000226	0.000156	0.002663	0.001764	0.000919	0.000731	0.001601	0.001051	0.000392
41	Edible oils other than vanaspati	0.002252	0.000360	0.000139	0.002155	0.001862	0.000536	0.000339	0.001056	0.000689	0.001334
42	Tea and coffee processing	0.000846	0.000092	0.000071	0.001183	0.000751	0.000433	0.000351	0.000655	0.000449	0.000127
43	Miscellaneous food products	0.003990	0.000258	0.000159	0.003258	0.002438	0.000970	0.000722	0.004441	0.002243	0.000604
44	Beverages	0.003082	0.000141	0.000106	0.001954	0.001427	0.000694	0.000456	0.001354	0.000855	0.000153
45	Tobacco products	0.000039	0.000003	0.000002	0.000030	0.000021	0.000010	0.000006	0.000023	0.000013	0.000003
46	Khadi, cotton textiles(handlooms)	0.024743	0.002238	0.005631	0.225043	0.098679	0.002298	0.000569	0.002512	0.001767	0.000906
47	Cotton textiles	0.015664	0.001108	0.002422	0.126491	0.039256	0.001078	0.000253	0.001156	0.000700	0.000549
48	Woolen textiles	0.045111	0.026906	0.038991	0.111621	0.046362	0.001895	0.000529	0.001546	0.001235	0.000516
49	Silk textiles	0.130407	0.008798	0.006686	0.253576	0.064253	0.001456	0.000618	0.008123	0.002791	0.001065
50	Art silk, synthetic fiber textiles	1.150299	0.005347	0.009919	0.164131	0.102710	0.002284	0.000903	0.002795	0.001749	0.001652
51	Jute, hemp, mesta textiles	0.024724	1.024251	0.014968	0.057253	0.035141	0.016483	0.007028	0.012062	0.013482	0.003120
52	Carpet weaving	0.000770	0.000103	1.000175	0.001714	0.001096	0.000475	0.000072	0.002002	0.000783	0.000903
53	Readymade garments	0.007916	0.000479	0.001384	1.029984	0.011780	0.000657	0.000275	0.002144	0.001261	0.000543
54	Miscellaneous textile products	0.032188	0.001877	0.005909	0.102603	1.046842	0.011127	0.002436	0.009725	0.007162	0.001760
55	Furniture and fixtures-wooden	0.009637	0.000449	0.000286	0.005880	0.004167	1.024965	0.004272	0.001529	0.001305	0.000256
56	Wood and wood products	0.011254	0.000993	0.000811	0.018653	0.009230	0.037262	1.012909	0.032780	0.024684	0.000977
57	Paper, paper prods. & newsprint	0.032284	0.003274	0.001725	0.033350	0.018060	0.012597	0.016998	1.285137	0.251014	0.001847
58	Printing and publishing	0.006252	0.000771	0.000516	0.008820	0.005319	0.002792	0.002698	0.048077	1.089857	0.000941
59	Leather footwear	0.001373	0.000055	0.000043	0.000769	0.000712	0.000282	0.000179	0.000661	0.000456	1.001020
60	Leather and leather products	0.009422	0.001292	0.003772	0.046713	0.063753	0.005654	0.002373	0.002773	0.003112	0.136321
61	Rubber products	0.006975	0.000637	0.000853	0.009913	0.007352	0.009631	0.002598	0.005446	0.003674	0.001526
62	Plastic products	0.035399	0.000996	0.001130	0.026297	0.017625	0.012989	0.006184	0.015153	0.012570	0.001578
63	Petroleum products	0.012577	0.001035	0.000748	0.012533	0.008711	0.003952	0.002747	0.009014	0.005541	0.001259
64	Coal tar products	0.004965	0.000565	0.000447	0.007115	0.005217	0.002771	0.001073	0.003433	0.003331	0.000463
65	Inorganic heavy chemicals	0.101592	0.003474	0.002587	0.046095	0.038728	0.014010	0.006881	0.061184	0.038656	0.002789
66	Organic heavy chemicals	0.153961	0.004095	0.002951	0.062084	0.051929	0.032401	0.011646	0.034933	0.019307	0.002546
67	Fertilizers	0.030735	0.004133	0.001397	0.023516	0.021503	0.005580	0.004375	0.011508	0.007025	0.002668

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	50	51	52	53	54	55	56	57	58	59
68	Pesticides		0.047581	0.002025	0.001223	0.023899	0.018951	0.015436	0.015991	0.027313	0.015061	0.002697
69	Paints, varnishes and lacquers		0.023965	0.002369	0.001242	0.023230	0.018075	0.010567	0.002842	0.021835	0.033793	0.005345
70	Drugs and medicines		0.003043	0.001432	0.000157	0.002413	0.002321	0.000749	0.000496	0.001312	0.000908	0.000353
71	Soaps, cosmetics & glycerin		0.003908	0.000219	0.000317	0.008258	0.004692	0.001326	0.001708	0.003776	0.002216	0.000183
72	Synthetic fibers, resin		0.203979	0.002813	0.005168	0.110875	0.097388	0.012884	0.009223	0.021214	0.013940	0.003658
73	Other chemicals		0.064423	0.004827	0.002441	0.060204	0.033043	0.010369	0.007825	0.052768	0.042698	0.007153
74	Structural clay products		0.001700	0.000198	0.000192	0.003637	0.002611	0.000640	0.000392	0.001274	0.001727	0.000173
75	Cement		0.001618	0.000194	0.000186	0.003524	0.002521	0.000629	0.000383	0.001239	0.001677	0.000169
76	Other non-metallic mineral prods.		0.002819	0.000415	0.000248	0.004362	0.002835	0.001704	0.000810	0.003330	0.003047	0.000279
77	Iron, steel and ferro alloys		0.003434	0.000460	0.000502	0.006503	0.004490	0.003534	0.001177	0.002776	0.002477	0.000518
78	Iron and steel casting & forging		0.003867	0.000537	0.000519	0.006479	0.004564	0.017006	0.001422	0.003304	0.002467	0.000528
79	Iron and steel foundries		0.002588	0.000342	0.000325	0.004800	0.003330	0.007364	0.001282	0.002565	0.002286	0.000372
80	Non-ferrous basic metals		0.009285	0.001131	0.001140	0.014795	0.010334	0.013445	0.003171	0.007053	0.006320	0.001270
81	Hand tools, hardware		0.008886	0.001118	0.000887	0.012918	0.008501	0.010633	0.003635	0.005903	0.004302	0.001667
82	Miscellaneous metal products		0.003595	0.000713	0.000523	0.007006	0.005290	0.004681	0.001853	0.003904	0.004164	0.000695
83	Tractors and agri. implements		0.000677	0.000108	0.000084	0.001011	0.000873	0.001134	0.001224	0.001176	0.000514	0.000323
84	Industrial machinery(F & T)		0.021359	0.004772	0.006907	0.077842	0.042401	0.001689	0.000780	0.002149	0.001525	0.001181
85	Industrial machinery(others)		0.013704	0.000956	0.000855	0.011992	0.011290	0.009850	0.006430	0.016082	0.012203	0.002808
86	Machine tools		0.005470	0.000944	0.003341	0.021691	0.019965	0.004671	0.001341	0.004916	0.002647	0.000635
87	Other non-electrical machinery		0.005303	0.000586	0.000549	0.007227	0.005154	0.002604	0.001567	0.003889	0.002667	0.000752
88	Electrical industrial Machinery		0.002895	0.000463	0.000275	0.003559	0.002657	0.000978	0.000745	0.002109	0.001545	0.000316
89	Electrical wires & cables		0.002447	0.000303	0.000271	0.004320	0.003068	0.001153	0.000778	0.001921	0.002071	0.000354
90	Batteries		0.009248	0.001057	0.000972	0.013872	0.010477	0.005481	0.004524	0.008358	0.006264	0.001528
91	Electrical appliances		0.001165	0.000146	0.000133	0.001821	0.001264	0.001374	0.001484	0.000799	0.000697	0.000176
92	Communication equipments		0.007142	0.000983	0.000909	0.015168	0.009496	0.003452	0.002643	0.005168	0.005604	0.000968
93	Other electrical Machinery		0.006871	0.000916	0.000903	0.010914	0.008972	0.004081	0.002097	0.004987	0.005089	0.000916
94	Electronic equipments(incl.TV)		0.006560	0.000889	0.000899	0.011099	0.009815	0.002755	0.002330	0.006719	0.017194	0.000826
95	Ships and boats		0.033574	0.004191	0.003334	0.054043	0.036780	0.018124	0.016781	0.023075	0.014023	0.002981
96	Rail equipments		0.005538	0.000652	0.000468	0.007801	0.004653	0.003206	0.002176	0.005229	0.003283	0.000862
97	Motor vehicles		0.002072	0.000242	0.000195	0.002908	0.001951	0.001315	0.000960	0.001829	0.001185	0.000344
98	Motor cycles and scooters		0.001035	0.000132	0.000131	0.001656	0.001113	0.000845	0.000480	0.000836	0.000587	0.000177
99	Bicycles, cycle-rickshaw		0.000586	0.000101	0.000068	0.001021	0.000654	0.001172	0.000958	0.001056	0.000654	0.000109
100	Other transport equipments		0.002479	0.000585	0.000349	0.003778	0.002524	0.001098	0.000996	0.001474	0.001312	0.000719

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	50	51	52	53	54	55	56	57	58	59
101	Watches and clocks	0.004677	0.000656	0.000869	0.008842	0.006900	0.003231	0.006709	0.004450	0.005778	0.001485
102	Medical, precision&optical instru.s	0.002571	0.000381	0.000297	0.003898	0.003294	0.001203	0.001902	0.001971	0.002167	0.000491
103	Jems & jewelry	0.000305	0.000036	0.000045	0.000487	0.000381	0.000170	0.000273	0.000218	0.000252	0.000076
104	Aircraft & spacecraft	0.020096	0.002225	0.001733	0.023730	0.016938	0.022594	0.009662	0.013214	0.012313	0.003107
105	Miscellaneous manufacturing	0.007176	0.000797	0.002221	0.017952	0.010574	0.002641	0.002071	0.005336	0.007980	0.001888
106	Construction	0.001574	0.000195	0.000191	0.003637	0.002606	0.000618	0.000382	0.001204	0.001704	0.000170
107	Electricity	0.024590	0.004179	0.001595	0.022694	0.017898	0.005325	0.003411	0.017888	0.010348	0.001922
108	Water supply	0.002064	0.000193	0.000132	0.002365	0.001881	0.000652	0.000434	0.001260	0.000957	0.000178
109	Railway transport services	0.007695	0.000894	0.000549	0.010358	0.005889	0.004039	0.003037	0.007457	0.004573	0.001167
110	Land tpt including via pipeline	0.011873	0.001282	0.001068	0.016778	0.011060	0.005139	0.003977	0.009627	0.007365	0.001991
111	Water transport	0.006488	0.000714	0.000409	0.006428	0.004652	0.006633	0.006817	0.009506	0.004260	0.000891
112	Air transport	0.010585	0.001002	0.000793	0.011751	0.008249	0.012865	0.005418	0.006253	0.006832	0.001812
113	Supporting and aux. tpt activities	0.016369	0.001413	0.001406	0.022217	0.015196	0.005495	0.004327	0.011835	0.009106	0.002150
114	Storage and warehousing	0.015856	0.002202	0.001355	0.022198	0.013457	0.006519	0.004394	0.009066	0.005818	0.003218
115	Communication	0.007813	0.001114	0.000945	0.018907	0.009064	0.004677	0.002664	0.006818	0.004646	0.001144
116	Trade	0.014845	0.002181	0.001318	0.021605	0.012842	0.006314	0.004259	0.008337	0.005353	0.003232
117	Hotels and restaurants	0.005038	0.000558	0.000429	0.007140	0.004523	0.002639	0.002146	0.003894	0.002692	0.000762
118	Banking	0.013334	0.001843	0.001353	0.019417	0.010995	0.009950	0.004200	0.009163	0.007452	0.001960
119	Insurance	0.019587	0.001482	0.001652	0.034034	0.017178	0.004962	0.002893	0.009051	0.007082	0.002537
120	Ownership of dwellings	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research	0.000336	0.000048	0.000026	0.000441	0.000281	0.000173	0.000097	0.000353	0.000237	0.000042
122	Medical and health	0.000211	0.000030	0.000019	0.000371	0.000197	0.000089	0.000057	0.000166	0.000153	0.000036
123	Business services	0.023958	0.001875	0.001398	0.031489	0.017803	0.004971	0.002916	0.005764	0.005141	0.001429
124	Computer & related activities	0.001763	0.000490	0.000201	0.003854	0.002098	0.000958	0.000541	0.001881	0.002578	0.000462
125	Legal services	0.009052	0.001936	0.000941	0.018475	0.008297	0.007305	0.004644	0.004784	0.003497	0.001127
126	Real estate activities	0.004215	0.000338	0.000256	0.005703	0.003280	0.000915	0.000543	0.001114	0.001048	0.000261
127	Renting of machinery & equipment	0.007442	0.001130	0.000654	0.008591	0.006159	0.007494	0.003274	0.006360	0.003822	0.000747
128	O.com, social&personal services	0.011371	0.000972	0.001680	0.036329	0.030604	0.001435	0.000752	0.002607	0.004408	0.000369
129	Other services	0.014786	0.009389	0.005271	0.020342	0.011845	0.005561	0.004305	0.006496	0.004053	0.001848
130	Public administration	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	60	61	62	63	64	65	66	67	68	69
1	Paddy		0.000858	0.000559	0.001162	0.001500	0.000090	0.000858	0.000845	0.000674	0.000204	0.000391
2	Wheat		0.001167	0.000743	0.001678	0.001786	0.000119	0.001320	0.001369	0.000873	0.000323	0.000576
3	Jowar		0.000345	0.000453	0.001400	0.001323	0.000090	0.001171	0.002127	0.000649	0.000279	0.000480
4	Bajra		0.000632	0.000738	0.001832	0.001903	0.000117	0.002407	0.003011	0.004615	0.000395	0.000616
5	Maize		0.000492	0.000434	0.001320	0.001143	0.000084	0.001077	0.001296	0.000576	0.000259	0.000440
6	Gram		0.006347	0.002549	0.003305	0.002988	0.000178	0.003328	0.002123	0.007783	0.000516	0.000837
7	Pulses		0.001002	0.000965	0.002211	0.003626	0.000196	0.001615	0.001583	0.001280	0.000390	0.000693
8	Sugarcane		0.000723	0.002212	0.008091	0.006061	0.000455	0.007817	0.016767	0.003809	0.001759	0.002834
9	Groundnut		0.001368	0.000993	0.002394	0.002052	0.000154	0.002946	0.002712	0.001373	0.000583	0.001576
10	Coconut		0.000736	0.000691	0.001629	0.001449	0.000220	0.002326	0.002066	0.001003	0.000598	0.001042
11	Other oilseeds		0.001439	0.001310	0.003326	0.003040	0.000215	0.004366	0.003841	0.003977	0.000836	0.002124
12	Jute		0.005523	0.012529	0.020238	0.014728	0.001045	0.010579	0.009115	0.005386	0.003123	0.005533
13	Cotton		0.004331	0.007988	0.010889	0.003559	0.000185	0.001797	0.001762	0.001113	0.000393	0.000942
14	Tea		0.000511	0.000870	0.002125	0.003392	0.000202	0.001624	0.001637	0.001179	0.000410	0.000686
15	Coffee		0.000444	0.000758	0.001860	0.002944	0.000177	0.001435	0.001435	0.001031	0.000361	0.000609
16	Rubber		0.111414	0.571849	0.304492	0.031908	0.001556	0.025124	0.022899	0.010194	0.003562	0.015536
17	Tobacco		0.000032	0.000093	0.000772	0.000183	0.000016	0.000420	0.000650	0.000168	0.000067	0.000111
18	Fruits		0.000638	0.001587	0.005972	0.004451	0.000375	0.005572	0.008259	0.002510	0.001342	0.002310
19	Vegetables		0.000206	0.000283	0.000607	0.001383	0.000065	0.000395	0.000373	0.000388	0.000101	0.000173
20	Other crops		0.012943	0.005541	0.008343	0.008514	0.000540	0.004737	0.004073	0.004956	0.001151	0.002574
21	Milk and milk products		0.000270	0.000526	0.001441	0.002338	0.000129	0.001158	0.001231	0.000791	0.000281	0.000483
22	Animal services(agricultural)		0.003280	0.002370	0.004106	0.003501	0.000223	0.002550	0.002674	0.002183	0.000578	0.001207
23	Poultry & Eggs		0.000339	0.000589	0.001207	0.003223	0.000141	0.000745	0.000652	0.000867	0.000171	0.000316
24	Other liv.st. produ.		0.091169	0.027054	0.024847	0.009840	0.000570	0.009381	0.006460	0.016948	0.001607	0.003135
25	Forestry and logging		0.000853	0.003224	0.014572	0.011889	0.000552	0.003619	0.004153	0.002268	0.001036	0.002760
26	Fishing		0.000255	0.000748	0.002709	0.001901	0.000171	0.003774	0.004292	0.001371	0.000695	0.001263
27	Coal and lignite		0.003445	0.016737	0.028094	0.069531	0.037036	0.030962	0.018883	0.021290	0.005200	0.009649
28	Natural gas		0.007097	0.039843	0.086556	0.864190	0.030649	0.120022	0.078240	0.286554	0.016307	0.033406
29	Crude petroleum		0.018355	0.059536	0.138004	6.842190	0.102922	0.142004	0.204573	0.283834	0.023005	0.044496
30	Iron ore		0.000742	0.004163	0.005154	0.017508	0.001037	0.002450	0.001616	0.001984	0.000566	0.000875
31	Manganese ore		0.002647	0.015061	0.019460	0.063481	0.002753	0.013276	0.008016	0.021565	0.002428	0.003834
32	Bauxite		0.001226	0.006302	0.010688	0.027885	0.001318	0.008426	0.004853	0.004603	0.001617	0.004525
33	Copper ore		0.038254	0.193561	0.315197	0.806036	0.031784	0.118796	0.103530	0.098487	0.033990	0.091619
34	Other metallic minerals		0.001660	0.008364	0.015041	0.034304	0.001492	0.008336	0.006724	0.006191	0.002498	0.007192

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Sector/ Code	Commodity	Commodity	60	61	62	63	64	65	66	67	68	69
35	Lime stone		0.000824	0.004442	0.010920	0.027282	0.001245	0.024581	0.018915	0.009430	0.003610	0.006632
36	Mica		0.014767	0.099062	0.170105	0.637684	0.092369	0.105529	0.069151	0.065383	0.016204	0.039093
37	Other non metallic minerals		0.001148	0.007337	0.011347	0.030787	0.001826	0.024418	0.014556	0.048701	0.003610	0.005583
38	Sugar		0.000389	0.001435	0.004961	0.004167	0.000348	0.006549	0.008289	0.002401	0.001339	0.002256
39	Khandsari, boora		0.000622	0.001940	0.007015	0.005688	0.000364	0.005804	0.015739	0.003076	0.001361	0.002185
40	Hydrogenated oil(vanaspati)		0.000760	0.001211	0.002864	0.005466	0.000274	0.002427	0.002509	0.001853	0.000821	0.001114
41	Edible oils other than vanaspati		0.002222	0.001505	0.003676	0.002711	0.000204	0.004895	0.004441	0.002094	0.000889	0.002674
42	Tea and coffee processing		0.000265	0.000471	0.000960	0.002578	0.000113	0.000590	0.000539	0.000684	0.000136	0.000257
43	Miscellaneous food products		0.001106	0.002456	0.009142	0.006383	0.000523	0.009382	0.009919	0.004069	0.002347	0.003759
44	Beverages		0.000339	0.001697	0.006037	0.004398	0.000281	0.008501	0.009161	0.002990	0.001752	0.002730
45	Tobacco products		0.000007	0.000021	0.000166	0.000046	0.000004	0.000097	0.000142	0.000062	0.000015	0.000024
46	Khadi, cotton textiles(handlooms)		0.005996	0.009729	0.006395	0.003448	0.000160	0.001499	0.001845	0.000883	0.000290	0.000705
47	Cotton textiles		0.003561	0.004304	0.003244	0.001811	0.000081	0.000711	0.000839	0.000432	0.000143	0.000347
48	Woolen textiles		0.002234	0.004415	0.004777	0.002898	0.000154	0.001473	0.001317	0.000935	0.000295	0.000657
49	Silk textiles		0.007125	0.007967	0.007758	0.003579	0.000165	0.001599	0.001515	0.000849	0.000303	0.000783
50	Art silk, synthetic fiber textiles		0.006043	0.008538	0.011484	0.004042	0.000236	0.002844	0.002253	0.001388	0.000571	0.001201
51	Jute, hemp, mesta textiles		0.005949	0.013840	0.022622	0.018185	0.001302	0.013226	0.011213	0.006741	0.003992	0.007007
52	Carpet weaving		0.001822	0.000437	0.000527	0.000269	0.000012	0.000101	0.000089	0.000072	0.000022	0.000056
53	Readymade garments		0.001353	0.001574	0.007344	0.008074	0.000205	0.000945	0.000995	0.000807	0.000180	0.000533
54	Miscellaneous textile products		0.005284	0.024001	0.014688	0.010135	0.000621	0.005215	0.004651	0.004017	0.001392	0.002903
55	Furniture and fixtures-wooden		0.000632	0.002049	0.004800	0.019228	0.000551	0.002310	0.002147	0.002054	0.000575	0.001059
56	Wood and wood products		0.002370	0.006236	0.015771	0.020685	0.001233	0.008713	0.008293	0.006846	0.004030	0.006688
57	Paper, paper prods. & newsprint		0.004476	0.010109	0.049457	0.030708	0.002058	0.019135	0.018291	0.008836	0.004318	0.007781
58	Printing and publishing		0.002028	0.003377	0.012201	0.014609	0.000804	0.004305	0.003849	0.003850	0.001156	0.001879
59	Leather footwear		0.000957	0.001179	0.002813	0.001310	0.000174	0.008111	0.004845	0.002073	0.001372	0.002431
60	Leather and leather products		1.320600	0.052598	0.044140	0.007259	0.000385	0.004074	0.003789	0.002097	0.000858	0.003774
61	Rubber products		0.002859	1.024603	0.019325	0.036780	0.001160	0.006969	0.005585	0.005972	0.001362	0.002891
62	Plastic products		0.005077	0.015088	1.236232	0.021102	0.001279	0.020228	0.021103	0.009424	0.003942	0.015302
63	Petroleum products		0.002663	0.007392	0.015125	1.090210	0.003018	0.015639	0.012080	0.024909	0.002636	0.004942
64	Coal tar products		0.001158	0.005425	0.009211	0.039358	1.020342	0.012340	0.007952	0.005565	0.001869	0.003836
65	Inorganic heavy chemicals		0.006116	0.072877	0.142502	0.094986	0.017857	1.187490	0.131676	0.239670	0.043600	0.086071
66	Organic heavy chemicals		0.006769	0.061856	0.287703	0.065903	0.005173	0.167444	1.144104	0.100293	0.041717	0.063368
67	Fertilizers		0.005650	0.028270	0.037393	0.173326	0.004602	0.138476	0.059179	1.474234	0.014379	0.014154

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Sector/ Code	Commodity	Commodity	60	61	62	63	64	65	66	67	68	69
68	Pesticides		0.006871	0.037126	0.091193	0.049007	0.005565	0.195337	0.178772	0.069573	1.237191	0.055348
69	Paints, varnishes and lacquers		0.006356	0.010746	0.031109	0.022033	0.000936	0.011010	0.009928	0.005216	0.002931	1.030939
70	Drugs and medicines		0.000665	0.001740	0.008341	0.005125	0.000416	0.007076	0.011390	0.002664	0.002177	0.002510
71	Soaps, cosmetics & glycerin		0.000523	0.002292	0.005828	0.004384	0.000357	0.005706	0.007090	0.002425	0.004383	0.006262
72	Synthetic fibers, resin		0.010266	0.226741	0.439728	0.036930	0.002293	0.051005	0.045748	0.016879	0.006993	0.037665
73	Other chemicals		0.014812	0.043990	0.188109	0.235546	0.026803	0.068352	0.063207	0.036995	0.019007	0.065995
74	Structural clay products		0.000397	0.001155	0.002081	0.019839	0.000486	0.002821	0.001640	0.001794	0.000366	0.000657
75	Cement		0.000390	0.001184	0.002099	0.019678	0.000596	0.001982	0.001492	0.001619	0.000334	0.000609
76	Other non-metallic mineral prods.		0.000664	0.002404	0.004714	0.049071	0.001356	0.003913	0.003365	0.003510	0.000819	0.001669
77	Iron, steel and ferro alloys		0.001492	0.008676	0.008136	0.035552	0.000980	0.003173	0.002873	0.003700	0.001084	0.001458
78	Iron and steel casting & forging		0.001593	0.008222	0.009981	0.032468	0.000964	0.003896	0.003143	0.003690	0.001137	0.001828
79	Iron and steel foundries		0.001093	0.005816	0.006349	0.023509	0.000703	0.002428	0.002142	0.002427	0.000674	0.001330
80	Non-ferrous basic metals		0.003494	0.017755	0.030162	0.076343	0.003267	0.012281	0.010431	0.009576	0.003498	0.007194
81	Hand tools, hardware		0.004257	0.015708	0.014182	0.114886	0.002663	0.007201	0.007199	0.009654	0.001880	0.003008
82	Miscellaneous metal products		0.001711	0.007105	0.008338	0.041036	0.001092	0.003206	0.003059	0.003615	0.000964	0.001653
83	Tractors and agri. implements		0.000713	0.001973	0.001941	0.004030	0.000123	0.000554	0.000542	0.000598	0.000192	0.000304
84	Industrial machinery(F & T)		0.005810	0.006176	0.006272	0.026055	0.000696	0.002871	0.003268	0.003069	0.001105	0.001218
85	Industrial machinery(others)		0.003387	0.015306	0.030216	0.314919	0.008772	0.024016	0.023298	0.028528	0.007981	0.011520
86	Machine tools		0.002105	0.011025	0.008106	0.037288	0.001303	0.003605	0.003355	0.004440	0.001411	0.001614
87	Other non-electrical machinery		0.002103	0.008844	0.008592	0.117784	0.002443	0.006400	0.006212	0.011281	0.002682	0.002269
88	Electrical industrial Machinery		0.000980	0.003096	0.005127	0.012763	0.000509	0.002573	0.002278	0.002213	0.000713	0.001294
89	Electrical wires & cables		0.001003	0.002919	0.004531	0.016369	0.000510	0.001953	0.001772	0.002210	0.000480	0.001024
90	Batteries		0.003666	0.007552	0.012603	0.025822	0.001229	0.006375	0.005173	0.008193	0.001444	0.002870
91	Electrical appliances		0.000603	0.003332	0.002843	0.007974	0.000254	0.000896	0.000828	0.001068	0.000322	0.000486
92	Communication equipments		0.003014	0.007498	0.012535	0.029609	0.001186	0.004892	0.004406	0.005132	0.001462	0.002820
93	Other electrical Machinery		0.003211	0.014037	0.013866	0.034067	0.001214	0.005901	0.005266	0.006434	0.001808	0.002883
94	Electronic equipments(incl.TV)		0.002657	0.007380	0.011270	0.030963	0.001034	0.003989	0.003655	0.004631	0.001082	0.002371
95	Ships and boats		0.006588	0.015777	0.039283	0.114581	0.005567	0.023943	0.021620	0.025449	0.005653	0.009177
96	Rail equipments		0.001619	0.033112	0.009738	0.068419	0.004223	0.007363	0.005846	0.009905	0.001347	0.002700
97	Motor vehicles		0.001005	0.005169	0.003114	0.008491	0.000478	0.001562	0.001280	0.001889	0.000346	0.000662
98	Motor cycles and scooters		0.000523	0.008517	0.003681	0.005863	0.000199	0.000810	0.000721	0.000887	0.000228	0.000587
99	Bicycles, cycle-rickshaw		0.000228	0.006517	0.001168	0.003656	0.000113	0.000500	0.000449	0.000562	0.000133	0.000264
100	Other transport equipments		0.002040	0.006711	0.004436	0.010114	0.000402	0.001631	0.001513	0.001684	0.000424	0.001016

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Sector/ Code	Commodity	Commodity	60	61	62	63	64	65	66	67	68	69
101	Watches and clocks		0.008104	0.008446	0.018806	0.021968	0.000911	0.003507	0.003230	0.003450	0.001048	0.005639
102	Medical, precision&optical instru.s		0.002203	0.005975	0.014508	0.009473	0.000588	0.002010	0.001912	0.001525	0.000549	0.002320
103	Jems & jewelry		0.000324	0.000328	0.000671	0.000987	0.000045	0.000348	0.000179	0.000209	0.000058	0.000240
104	Aircraft & spacecraft		0.007328	0.023789	0.038692	0.147910	0.005336	0.022340	0.019115	0.024708	0.004864	0.010285
105	Miscellaneous manufacturing		0.002641	0.004429	0.011227	0.030065	0.001038	0.005285	0.004801	0.005652	0.001385	0.002864
106	Construction		0.000391	0.001054	0.001861	0.020018	0.000457	0.001354	0.001370	0.001506	0.000306	0.000537
107	Electricity		0.004381	0.014084	0.030201	0.077185	0.003783	0.022893	0.019947	0.016919	0.005574	0.009814
108	Water supply		0.000392	0.001408	0.002724	0.028968	0.000640	0.004546	0.003410	0.003464	0.000799	0.001425
109	Railway transport services		0.002069	0.006637	0.013297	0.101570	0.006437	0.010732	0.008461	0.014698	0.001886	0.003808
110	Land tpt including via pipeline		0.004043	0.007105	0.013956	0.025870	0.001434	0.007976	0.006245	0.010794	0.001637	0.003409
111	Water transport		0.001799	0.004437	0.010085	0.041729	0.002823	0.010253	0.008322	0.013057	0.002311	0.003427
112	Air transport		0.004335	0.011247	0.023561	0.090006	0.002980	0.013315	0.011546	0.014372	0.002876	0.006306
113	Supporting and aux. tpt activities		0.004646	0.008785	0.017168	0.036081	0.001954	0.009603	0.007483	0.014038	0.001956	0.003984
114	Storage and warehousing		0.006986	0.009178	0.017068	0.114397	0.003490	0.011252	0.010551	0.013092	0.003031	0.004712
115	Communication		0.002839	0.006490	0.010259	0.030106	0.001394	0.006476	0.005646	0.006475	0.001990	0.003095
116	Trade		0.007018	0.008553	0.015488	0.024030	0.002079	0.009350	0.007942	0.008815	0.002793	0.004172
117	Hotels and restaurants		0.001590	0.002795	0.005507	0.015712	0.000671	0.003226	0.002682	0.004053	0.000737	0.001388
118	Banking		0.004302	0.009676	0.017551	0.058090	0.002195	0.010927	0.009653	0.011983	0.003128	0.005308
119	Insurance		0.004673	0.010127	0.017374	0.036054	0.001454	0.011516	0.009323	0.010506	0.002997	0.004831
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.000081	0.000252	0.000494	0.007302	0.000319	0.000434	0.000403	0.000557	0.000079	0.000160
122	Medical and health		0.000059	0.000141	0.000278	0.001218	0.000067	0.000192	0.000157	0.000232	0.000040	0.000084
123	Business services		0.003230	0.006848	0.013666	0.054905	0.001652	0.007508	0.006735	0.009844	0.001790	0.002982
124	Computer & related activities		0.000596	0.001151	0.002678	0.006248	0.000195	0.001516	0.001328	0.001890	0.000315	0.000910
125	Legal services		0.002345	0.005154	0.007431	0.020751	0.000799	0.005503	0.004460	0.004056	0.001685	0.002176
126	Real estate activities		0.000590	0.001274	0.002516	0.011335	0.000330	0.001424	0.001291	0.001836	0.000338	0.000565
127	Renting of machinery & equipment		0.001457	0.005492	0.007928	0.034691	0.001806	0.005668	0.004450	0.007108	0.001114	0.002188
128	O.com, social&personal services		0.001430	0.003545	0.021872	0.007152	0.000312	0.002849	0.003183	0.001688	0.000683	0.001555
129	Other services		0.004275	0.009982	0.012856	0.159381	0.006520	0.011027	0.010554	0.012400	0.003572	0.004687
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	70	71	72	73	74	75	76	77	78	79
1	Paddy		0.001554	0.000805	0.000538	0.001121	0.000433	0.000333	0.000474	0.001095	0.000297	0.000442
2	Wheat		0.002617	0.001442	0.000775	0.001820	0.000701	0.000401	0.000613	0.001261	0.000343	0.000511
3	Jowar		0.002250	0.001043	0.000752	0.001421	0.000485	0.000292	0.000440	0.000897	0.000243	0.000367
4	Bajra		0.002699	0.001265	0.001048	0.001506	0.000535	0.000344	0.000566	0.001041	0.000281	0.000438
5	Maize		0.006349	0.001059	0.000591	0.001481	0.000549	0.000261	0.000426	0.000795	0.000216	0.000322
6	Gram		0.002638	0.002230	0.001435	0.002349	0.000640	0.000588	0.000878	0.001572	0.000440	0.000685
7	Pulses		0.002927	0.001534	0.001044	0.002110	0.000861	0.000757	0.000969	0.002616	0.000703	0.001048
8	Sugarcane		0.042450	0.006287	0.004662	0.007248	0.001890	0.001360	0.002149	0.005874	0.001467	0.002106
9	Groundnut		0.004255	0.003746	0.001189	0.001655	0.000542	0.000490	0.000742	0.001585	0.000425	0.000648
10	Coconut		0.002602	0.008222	0.000861	0.001163	0.009275	0.000813	0.001384	0.001060	0.000395	0.000493
11	Other oilseeds		0.011940	0.005229	0.001711	0.002748	0.000801	0.000654	0.001044	0.002088	0.000561	0.000859
12	Jute		0.014358	0.015297	0.008363	0.012501	0.003078	0.005555	0.012271	0.007799	0.002300	0.003942
13	Cotton		0.003331	0.001928	0.005826	0.001236	0.000552	0.001516	0.001479	0.002031	0.000615	0.001073
14	Tea		0.004381	0.002804	0.001051	0.001434	0.000949	0.000866	0.001044	0.003382	0.000889	0.001271
15	Coffee		0.002407	0.002447	0.000923	0.001291	0.000851	0.000751	0.000908	0.002928	0.000770	0.001101
16	Rubber		0.014819	0.014560	0.021790	0.016475	0.004402	0.022465	0.009260	0.015714	0.004960	0.009136
17	Tobacco		0.000461	0.002062	0.000182	0.000169	0.000094	0.000081	0.000118	0.000176	0.000047	0.000072
18	Fruits		0.012055	0.005463	0.003100	0.007431	0.002818	0.001041	0.001844	0.003102	0.000844	0.001256
19	Vegetables		0.000567	0.000540	0.000292	0.000481	0.000217	0.000275	0.000318	0.000979	0.000262	0.000393
20	Other crops		0.007545	0.004401	0.003682	0.008272	0.001826	0.001955	0.003011	0.005359	0.001503	0.002288
21	Milk and milk products		0.003276	0.001286	0.000682	0.001397	0.000669	0.000490	0.000659	0.001696	0.000456	0.000679
22	Animal services(agricultural)		0.005472	0.002536	0.001998	0.002994	0.000905	0.000871	0.001262	0.002380	0.000656	0.001003
23	Poultry & Eggs		0.001634	0.000678	0.000543	0.000556	0.000452	0.000647	0.000738	0.002358	0.000631	0.000943
24	Other liv.st. produ.		0.006262	0.005135	0.006869	0.009434	0.001491	0.002587	0.002711	0.004633	0.001342	0.002234
25	Forestry and logging		0.005694	0.005182	0.006381	0.004202	0.001365	0.002974	0.004083	0.004897	0.001354	0.002586
26	Fishing		0.004808	0.002349	0.001465	0.002850	0.001053	0.000442	0.000836	0.001293	0.000352	0.000545
27	Coal and lignite		0.016424	0.012831	0.010915	0.013512	0.019816	0.108266	0.043159	0.614130	0.134397	0.174888
28	Natural gas		0.056985	0.039382	0.067363	0.080633	0.029758	0.153093	0.053271	0.514371	0.078493	0.139071
29	Crude petroleum		0.109526	0.066887	0.096204	0.066165	0.073288	0.105346	0.122067	0.250233	0.073760	0.092574
30	Iron ore		0.001758	0.001495	0.001382	0.001684	0.003094	0.006622	0.019830	0.395815	0.050224	0.093134
31	Manganese ore		0.007185	0.006270	0.006075	0.007343	0.010977	0.008085	0.144127	1.245857	0.167950	0.302543
32	Bauxite		0.003891	0.006854	0.003321	0.004713	0.115496	0.020837	0.054580	0.126331	0.035635	0.086612
33	Copper ore		0.094118	0.097363	0.078106	0.109486	0.056545	0.081358	0.613119	4.407309	1.240739	3.032730
34	Other metallic minerals		0.005295	0.007410	0.005396	0.013096	0.008835	0.003914	0.026612	0.224131	0.052360	0.116263

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	70	71	72	73	74	75	76	77	78	79
35	Lime stone		0.009669	0.008746	0.006155	0.005650	0.080833	0.926110	0.060307	0.078272	0.011494	0.025842
36	Mica		0.063648	0.081084	0.084389	0.181432	0.583569	0.262240	10.618460	0.256944	0.061313	0.164458
37	Other non metallic minerals		0.008347	0.011500	0.007162	0.008578	0.040874	0.055342	0.074057	0.015574	0.004820	0.010355
38	Sugar		0.018521	0.004058	0.002950	0.005951	0.001202	0.000809	0.001400	0.006084	0.001423	0.001917
39	Khandsari, boora		0.025296	0.005073	0.004124	0.004929	0.001431	0.001266	0.001825	0.003786	0.001010	0.001579
40	Hydrogenated oil(vanaspati)		0.004042	0.011604	0.001381	0.002048	0.001027	0.001125	0.001396	0.003982	0.001066	0.001598
41	Edible oils other than vanaspati		0.006784	0.002879	0.001842	0.002402	0.000685	0.000619	0.001018	0.001787	0.000485	0.000777
42	Tea and coffee processing		0.000823	0.000550	0.000436	0.000413	0.000358	0.000554	0.000590	0.001902	0.000508	0.000759
43	Miscellaneous food products		0.016224	0.008489	0.004524	0.007469	0.006052	0.001707	0.003399	0.005247	0.001435	0.002084
44	Beverages		0.005990	0.003826	0.004094	0.002447	0.000548	0.000839	0.001525	0.002611	0.000651	0.001123
45	Tobacco products		0.000209	0.000432	0.000041	0.000039	0.000023	0.000019	0.000076	0.000039	0.000010	0.000016
46	Khadi, cotton textiles(handlooms)		0.002507	0.001341	0.002694	0.000958	0.000409	0.001118	0.001226	0.001749	0.000505	0.000848
47	Cotton textiles		0.001229	0.000624	0.001530	0.000492	0.000205	0.000557	0.000623	0.000870	0.000248	0.000418
48	Woolen textiles		0.001592	0.001352	0.003285	0.001007	0.000491	0.001114	0.001580	0.001797	0.000521	0.000844
49	Silk textiles		0.001629	0.001270	0.007577	0.001223	0.000438	0.001205	0.001185	0.001610	0.000468	0.000819
50	Art silk, synthetic fiber textiles		0.002279	0.001905	0.010613	0.001867	0.000563	0.001495	0.002250	0.002352	0.000726	0.001377
51	Jute, hemp, mesta textiles		0.018507	0.019871	0.008864	0.015480	0.003874	0.006875	0.014502	0.009583	0.002823	0.004809
52	Carpet weaving		0.000103	0.000076	0.000130	0.000099	0.000031	0.000077	0.000086	0.000155	0.000050	0.000131
53	Readymade garments		0.001114	0.000702	0.001085	0.000725	0.000431	0.001815	0.001406	0.002104	0.000530	0.000865
54	Miscellaneous textile products		0.008938	0.007975	0.005697	0.003537	0.002126	0.004226	0.004727	0.007357	0.002344	0.004025
55	Furniture and fixtures-wooden		0.002139	0.002152	0.004393	0.003662	0.000832	0.001557	0.002338	0.006425	0.001602	0.002876
56	Wood and wood products		0.020905	0.028555	0.008877	0.009513	0.004194	0.008977	0.009859	0.013823	0.003664	0.006572
57	Paper, paper prods. & newsprint		0.016245	0.013614	0.013359	0.028540	0.006384	0.015133	0.012520	0.020074	0.005777	0.009772
58	Printing and publishing		0.008893	0.004874	0.003227	0.004078	0.001933	0.003996	0.003761	0.014641	0.003776	0.005503
59	Leather footwear		0.002408	0.002105	0.001574	0.001474	0.000209	0.000307	0.000800	0.000769	0.000212	0.000413
60	Leather and leather products		0.003351	0.003423	0.003280	0.004264	0.001575	0.003849	0.002306	0.005041	0.001926	0.003384
61	Rubber products		0.005701	0.004242	0.006129	0.003888	0.002648	0.005010	0.005233	0.015210	0.004824	0.007027
62	Plastic products		0.022948	0.030695	0.020035	0.015708	0.008965	0.079675	0.012323	0.013777	0.004394	0.010574
63	Petroleum products		0.010878	0.007743	0.009220	0.006683	0.011406	0.016144	0.018149	0.035907	0.011076	0.013479
64	Coal tar products		0.005923	0.005295	0.004093	0.005646	0.003977	0.006464	0.034608	0.237731	0.033287	0.060310
65	Inorganic heavy chemicals		0.087474	0.116803	0.111809	0.073456	0.018245	0.015988	0.091936	0.062996	0.017216	0.037403
66	Organic heavy chemicals		0.346035	0.113905	0.196635	0.075110	0.007272	0.022408	0.026677	0.024326	0.006933	0.014473
67	Fertilizers		0.030640	0.021223	0.028449	0.016837	0.005071	0.006242	0.015467	0.016546	0.004671	0.008004

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	70	71	72	73	74	75	76	77	78	79
68	Pesticides		0.077737	0.063020	0.051365	0.093255	0.005674	0.009292	0.021794	0.023289	0.005985	0.011441
69	Paints, varnishes and lacquers		0.007249	0.013365	0.009079	0.006922	0.008559	0.005012	0.009934	0.019317	0.005075	0.010616
70	Drugs and medicines		1.312315	0.009263	0.003403	0.008223	0.000515	0.000996	0.003148	0.002508	0.000634	0.001072
71	Soaps, cosmetics & glycerin		0.008920	1.086304	0.003722	0.009346	0.000382	0.000740	0.001477	0.001789	0.000485	0.000859
72	Synthetic fibers, resin		0.024982	0.026260	1.108105	0.029306	0.007030	0.031365	0.018130	0.020429	0.006760	0.013676
73	Other chemicals		0.053082	0.206312	0.079170	1.051380	0.010144	0.027653	0.022222	0.069165	0.019073	0.029018
74	Structural clay products		0.002045	0.001124	0.001046	0.001306	1.049734	0.049124	0.010896	0.003415	0.000939	0.001669
75	Cement		0.001947	0.001095	0.001025	0.001466	0.019787	1.020809	0.025946	0.003243	0.000904	0.001653
76	Other non-metallic mineral prods.		0.003218	0.003422	0.002179	0.003204	0.026961	0.016820	1.058168	0.011555	0.002623	0.005382
77	Iron, steel and ferro alloys		0.003295	0.002577	0.002287	0.002467	0.001784	0.002884	0.009527	1.097428	0.052422	0.065744
78	Iron and steel casting & forging		0.003355	0.002848	0.003758	0.002785	0.001958	0.002938	0.011732	0.337246	1.130458	0.124522
79	Iron and steel foundries		0.002484	0.001959	0.002158	0.002118	0.001601	0.002097	0.013168	0.105216	0.029710	1.043516
80	Non-ferrous basic metals		0.009191	0.008813	0.007690	0.011507	0.004774	0.007311	0.036879	0.511316	0.135111	0.309062
81	Hand tools, hardware		0.007509	0.005124	0.005756	0.004400	0.004085	0.006841	0.009545	0.038106	0.013629	0.025174
82	Miscellaneous metal products		0.003139	0.002810	0.002420	0.002846	0.002012	0.002940	0.010124	0.056055	0.016314	0.033081
83	Tractors and agri. implements		0.000698	0.000552	0.000436	0.000583	0.000279	0.000434	0.000564	0.001863	0.001261	0.001823
84	Industrial machinery(F & T)		0.003252	0.002392	0.002921	0.002061	0.001323	0.002068	0.005601	0.009024	0.006694	0.007764
85	Industrial machinery(others)		0.028050	0.030239	0.017381	0.014210	0.011493	0.012314	0.012505	0.053340	0.019657	0.031107
86	Machine tools		0.003502	0.003057	0.002723	0.002691	0.002044	0.004455	0.007975	0.021671	0.011345	0.021229
87	Other non-electrical machinery		0.005158	0.003938	0.003787	0.003684	0.002940	0.005861	0.006396	0.022452	0.008320	0.015550
88	Electrical industrial Machinery		0.002774	0.002187	0.001558	0.002594	0.001400	0.002777	0.002906	0.010928	0.003688	0.007451
89	Electrical wires & cables		0.002687	0.001965	0.001426	0.002298	0.001232	0.001882	0.005692	0.007764	0.002785	0.006230
90	Batteries		0.008499	0.006058	0.005020	0.004419	0.004394	0.006299	0.010251	0.026038	0.008733	0.019359
91	Electrical appliances		0.001091	0.000918	0.000691	0.000832	0.000875	0.001003	0.001372	0.004357	0.001934	0.003424
92	Communication equipments		0.008041	0.006666	0.003634	0.005542	0.003036	0.005010	0.006775	0.020047	0.006328	0.013077
93	Other electrical Machinery		0.005890	0.012986	0.005155	0.004978	0.002793	0.004958	0.007408	0.024780	0.010266	0.023678
94	Electronic equipments(incl.TV)		0.005275	0.005330	0.003098	0.004791	0.002071	0.003598	0.005724	0.015574	0.005276	0.012542
95	Ships and boats		0.035599	0.020582	0.014445	0.016715	0.014840	0.023207	0.023035	0.077763	0.020978	0.033289
96	Rail equipments		0.007535	0.005054	0.004957	0.004275	0.004993	0.014986	0.009667	0.066405	0.018734	0.030283
97	Motor vehicles		0.001809	0.001234	0.001122	0.001020	0.001032	0.001955	0.001776	0.008510	0.003057	0.003838
98	Motor cycles and scooters		0.000837	0.000761	0.000610	0.000580	0.000424	0.000866	0.001020	0.005345	0.003020	0.003348
99	Bicycles, cycle-rickshaw		0.000587	0.000413	0.000382	0.000411	0.000219	0.000403	0.000765	0.005411	0.009956	0.007167
100	Other transport equipments		0.002065	0.001798	0.001208	0.001590	0.000722	0.001160	0.001642	0.005007	0.001935	0.002975

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	70	71	72	73	74	75	76	77	78	79
101	Watches and clocks	0.007270	0.009319	0.003714	0.011268	0.001678	0.003378	0.006136	0.012256	0.003974	0.009077
102	Medical, precision&optical instru.s	0.009362	0.004886	0.002081	0.013488	0.001060	0.002282	0.009704	0.007016	0.002520	0.012558
103	Jems & jewelry	0.000268	0.000392	0.000185	0.000257	0.000095	0.000166	0.000423	0.001390	0.000404	0.000900
104	Aircraft & spacecraft	0.031044	0.023634	0.021777	0.013914	0.014813	0.028500	0.029945	0.132495	0.030750	0.051207
105	Miscellaneous manufacturing	0.011582	0.004851	0.003626	0.005891	0.002784	0.003673	0.005320	0.014949	0.003979	0.007038
106	Construction	0.001929	0.000966	0.000880	0.001197	0.000820	0.001160	0.006301	0.002957	0.000847	0.001443
107	Electricity	0.022900	0.015098	0.012235	0.019232	0.011840	0.025786	0.020375	0.083526	0.022325	0.027507
108	Water supply	0.002330	0.001763	0.001515	0.001505	0.000972	0.001457	0.002523	0.004623	0.001239	0.001811
109	Railway transport services	0.010977	0.007206	0.007113	0.006109	0.007443	0.022805	0.014021	0.097756	0.022157	0.031695
110	Land tpt including via pipeline	0.011153	0.007000	0.006305	0.005045	0.005815	0.007931	0.009083	0.024871	0.007086	0.010243
111	Water transport	0.009508	0.006032	0.005221	0.005753	0.007456	0.014522	0.010286	0.038474	0.009321	0.012619
112	Air transport	0.019869	0.014497	0.013882	0.008269	0.008426	0.014668	0.016740	0.075256	0.016754	0.026118
113	Supporting and aux. tpt activities	0.012280	0.008253	0.006774	0.006428	0.005124	0.009203	0.009529	0.029899	0.007793	0.012334
114	Storage and warehousing	0.012622	0.007695	0.008083	0.006694	0.005646	0.010912	0.010623	0.053742	0.013567	0.018301
115	Communication	0.008777	0.008191	0.004443	0.005067	0.003745	0.007089	0.006187	0.024609	0.006769	0.011427
116	Trade	0.011398	0.006906	0.006876	0.005776	0.004726	0.009249	0.009053	0.049533	0.012576	0.016837
117	Hotels and restaurants	0.004204	0.002900	0.002466	0.002087	0.002011	0.003143	0.003513	0.011514	0.003078	0.004603
118	Banking	0.011165	0.014934	0.008478	0.008132	0.004723	0.009902	0.008572	0.043378	0.009719	0.016170
119	Insurance	0.012225	0.008984	0.008599	0.007241	0.004112	0.008018	0.008706	0.021954	0.006348	0.011507
120	Ownership of dwellings	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research	0.000365	0.000247	0.000244	0.000234	0.000234	0.000801	0.000540	0.004298	0.000951	0.001345
122	Medical and health	0.000221	0.000139	0.000128	0.000124	0.000094	0.000249	0.000209	0.001007	0.000244	0.000402
123	Business services	0.010374	0.010266	0.005755	0.004954	0.003574	0.005371	0.011009	0.028377	0.008092	0.015883
124	Computer & related activities	0.002230	0.001062	0.000883	0.001191	0.000352	0.000596	0.001592	0.002603	0.000881	0.002566
125	Legal services	0.004879	0.003725	0.003171	0.002755	0.001896	0.003299	0.005598	0.025076	0.006787	0.012039
126	Real estate activities	0.001966	0.001846	0.001071	0.000969	0.000700	0.001051	0.002503	0.005164	0.001470	0.002853
127	Renting of machinery & equipment	0.005297	0.004307	0.003813	0.003281	0.004935	0.012995	0.010138	0.044236	0.010676	0.020778
128	O.com, social&personal services	0.021631	0.005205	0.002465	0.002611	0.004851	0.002454	0.002484	0.013294	0.003004	0.008620
129	Other services	0.007966	0.009917	0.007201	0.008374	0.003687	0.007255	0.008691	0.024455	0.006489	0.010490
130	Public administration	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	80	81	82	83	84	85	86	87	88	89
1	Paddy		0.000460	0.000206	0.000638	0.000158	0.000110	0.000101	0.000266	0.000922	0.000353	0.000131
2	Wheat		0.000539	0.000273	0.000762	0.000175	0.000128	0.000114	0.000309	0.001042	0.000402	0.000160
3	Jowar		0.000397	0.000194	0.000555	0.000124	0.000091	0.000080	0.000221	0.000733	0.000287	0.000124
4	Bajra		0.000500	0.000221	0.000668	0.000147	0.000106	0.000093	0.000262	0.000868	0.000342	0.000157
5	Maize		0.000342	0.000191	0.000493	0.000104	0.000080	0.000068	0.000191	0.000623	0.000243	0.000104
6	Gram		0.000784	0.000313	0.001036	0.000238	0.000179	0.000162	0.000459	0.001581	0.000598	0.000262
7	Pulses		0.001086	0.000473	0.001503	0.000402	0.000260	0.000246	0.000630	0.002216	0.000840	0.000296
8	Sugarcane		0.002334	0.000871	0.002994	0.000574	0.000437	0.000378	0.001060	0.003587	0.001403	0.000673
9	Groundnut		0.000712	0.000282	0.000948	0.000213	0.000154	0.000137	0.000392	0.001296	0.000505	0.000213
10	Coconut		0.000658	0.000198	0.000802	0.000145	0.000105	0.000097	0.000273	0.000895	0.000358	0.000162
11	Other oilseeds		0.000962	0.000388	0.001268	0.000278	0.000202	0.000179	0.000511	0.001683	0.000662	0.000288
12	Jute		0.003728	0.003423	0.006331	0.001471	0.001180	0.001055	0.003764	0.009493	0.004494	0.002474
13	Cotton		0.001121	0.000549	0.001944	0.000433	0.000439	0.000315	0.001124	0.003226	0.001563	0.001166
14	Tea		0.001213	0.000529	0.001705	0.000423	0.000294	0.000260	0.000667	0.002396	0.000900	0.000311
15	Coffee		0.001051	0.000464	0.001480	0.000366	0.000255	0.000225	0.000578	0.002073	0.000779	0.000270
16	Rubber		0.009254	0.004435	0.018204	0.006541	0.003306	0.003812	0.014348	0.027058	0.011171	0.007120
17	Tobacco		0.000076	0.000036	0.000106	0.000019	0.000016	0.000013	0.000041	0.000127	0.000051	0.000027
18	Fruits		0.001354	0.000851	0.001988	0.000354	0.000308	0.000244	0.000718	0.002223	0.000894	0.000433
19	Vegetables		0.000407	0.000160	0.000555	0.000162	0.000098	0.000096	0.000239	0.000860	0.000324	0.000107
20	Other crops		0.002512	0.000970	0.003344	0.000804	0.000594	0.000565	0.001525	0.005221	0.002022	0.000808
21	Milk and milk products		0.000702	0.000326	0.000985	0.000259	0.000169	0.000158	0.000405	0.001414	0.000538	0.000190
22	Animal services(agricultural)		0.001073	0.000472	0.001501	0.000350	0.000267	0.000236	0.000672	0.002210	0.000890	0.000413
23	Poultry & Eggs		0.000964	0.000377	0.001324	0.000396	0.000235	0.000233	0.000575	0.002080	0.000779	0.000247
24	Other liv.st. produ.		0.002547	0.000996	0.003731	0.001055	0.000759	0.000699	0.002247	0.008005	0.002636	0.001206
25	Forestry and logging		0.002192	0.001526	0.003905	0.001408	0.000877	0.000886	0.003348	0.006985	0.002895	0.001043
26	Fishing		0.000630	0.000337	0.000866	0.000155	0.000130	0.000106	0.000311	0.000976	0.000393	0.000199
27	Coal and lignite		0.247875	0.038031	0.225050	0.025241	0.021786	0.016833	0.039464	0.180730	0.063886	0.025194
28	Natural gas		0.065321	0.025131	0.124141	0.018841	0.020221	0.015670	0.032072	0.148750	0.047912	0.014978
29	Crude petroleum		0.085240	0.030980	0.114136	0.019169	0.016258	0.013898	0.036908	0.136671	0.055842	0.020936
30	Iron ore		0.016609	0.013065	0.067008	0.009174	0.008575	0.006889	0.014838	0.069785	0.022583	0.004561
31	Manganese ore		0.080884	0.043336	0.228680	0.030398	0.028299	0.022871	0.050037	0.231484	0.076965	0.016867
32	Bauxite		0.293943	0.021666	0.172996	0.013111	0.011662	0.009003	0.021115	0.097523	0.037412	0.023062
33	Copper ore		10.386165	0.755462	6.047373	0.452047	0.405361	0.307612	0.721114	3.379937	1.290191	0.807244
34	Other metallic minerals		0.347442	0.028285	0.215558	0.017111	0.015418	0.011823	0.027589	0.128104	0.048581	0.027962

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	80	81	82	83	84	85	86	87	88	89
35	Lime stone		0.006479	0.003830	0.018779	0.003404	0.002405	0.002548	0.005477	0.020622	0.007658	0.001945
36	Mica		0.084481	0.042682	0.247492	0.040966	0.036325	0.056264	0.149579	0.373428	0.140986	0.036688
37	Other non metallic minerals		0.017794	0.004166	0.021618	0.002984	0.001948	0.002143	0.006192	0.017128	0.009107	0.003036
38	Sugar		0.002146	0.000619	0.002533	0.000420	0.000331	0.000284	0.000757	0.002747	0.001047	0.000488
39	Khandsari, boora		0.001783	0.000731	0.002388	0.000551	0.000382	0.000349	0.000984	0.003227	0.001266	0.000586
40	Hydrogenated oil(vanaspati)		0.001659	0.000677	0.002277	0.000638	0.000395	0.000382	0.000967	0.003439	0.001298	0.000442
41	Edible oils other than vanaspati		0.000918	0.000350	0.001194	0.000266	0.000189	0.000172	0.000512	0.001635	0.000640	0.000289
42	Tea and coffee processing		0.000775	0.000302	0.001064	0.000318	0.000189	0.000187	0.000462	0.001672	0.000626	0.000198
43	Miscellaneous food products		0.002148	0.001620	0.003142	0.000567	0.000525	0.000376	0.001168	0.003566	0.001401	0.000640
44	Beverages		0.001438	0.000424	0.001712	0.000358	0.000257	0.000231	0.000688	0.002220	0.000921	0.000456
45	Tobacco products		0.000017	0.000008	0.000024	0.000004	0.000004	0.000003	0.000010	0.000029	0.000012	0.000006
46	Khadi, cotton textiles(handlooms)		0.000867	0.000388	0.001466	0.000347	0.000317	0.000235	0.000875	0.002412	0.000924	0.000637
47	Cotton textiles		0.000432	0.000193	0.000729	0.000174	0.000152	0.000117	0.000449	0.001186	0.000461	0.000319
48	Woolen textiles		0.000863	0.000438	0.001394	0.000308	0.000272	0.000226	0.000794	0.002205	0.001440	0.000621
49	Silk textiles		0.000861	0.000421	0.001478	0.000328	0.000298	0.000251	0.000840	0.002364	0.001007	0.001007
50	Art silk, synthetic fiber textiles		0.001589	0.000966	0.002676	0.000575	0.000705	0.000492	0.001948	0.004570	0.002313	0.004000
51	Jute, hemp, mesta textiles		0.004472	0.004355	0.007608	0.001792	0.001375	0.001267	0.004519	0.011282	0.005401	0.002479
52	Carpet weaving		0.000082	0.000127	0.000332	0.000058	0.000045	0.000051	0.000153	0.000456	0.000161	0.000055
53	Readymade garments		0.000914	0.000344	0.001415	0.000277	0.000218	0.000199	0.000595	0.002181	0.000780	0.000594
54	Miscellaneous textile products		0.004124	0.001950	0.007097	0.001583	0.001786	0.001133	0.003554	0.012396	0.004433	0.002985
55	Furniture and fixtures-wooden		0.002862	0.001624	0.004813	0.002252	0.000777	0.000808	0.002923	0.007445	0.002739	0.000793
56	Wood and wood products		0.005642	0.003374	0.010457	0.003077	0.002898	0.002693	0.007656	0.022288	0.008053	0.002776
57	Paper, paper prods. & newsprint		0.009744	0.005301	0.017425	0.003450	0.002965	0.002356	0.007826	0.026270	0.013633	0.005049
58	Printing and publishing		0.005256	0.002014	0.007815	0.001673	0.001279	0.001098	0.002900	0.011242	0.004336	0.001397
59	Leather footwear		0.000650	0.000141	0.000668	0.000101	0.000084	0.000074	0.000246	0.000739	0.000316	0.000195
60	Leather and leather products		0.002756	0.001638	0.006113	0.002443	0.001848	0.001478	0.006769	0.011377	0.008942	0.002050
61	Rubber products		0.007733	0.003257	0.011414	0.007751	0.002727	0.003231	0.009225	0.021247	0.008074	0.004469
62	Plastic products		0.009541	0.006694	0.025487	0.004182	0.003343	0.004007	0.014523	0.031414	0.015049	0.009992
63	Petroleum products		0.012180	0.004588	0.015963	0.002799	0.002382	0.002033	0.005323	0.019944	0.008157	0.002825
64	Coal tar products		0.053411	0.011579	0.062995	0.008290	0.007081	0.006010	0.013173	0.057074	0.020689	0.006474
65	Inorganic heavy chemicals		0.070065	0.010493	0.059941	0.007089	0.005974	0.005028	0.015115	0.053983	0.022352	0.015487
66	Organic heavy chemicals		0.019723	0.006152	0.027499	0.004415	0.003744	0.003310	0.013514	0.034931	0.014666	0.014898
67	Fertilizers		0.011583	0.002694	0.012210	0.002229	0.001529	0.001333	0.004038	0.013382	0.006832	0.003536

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	80	81	82	83	84	85	86	87	88	89
68	Pesticides		0.017115	0.004028	0.021609	0.002833	0.002291	0.001986	0.006523	0.021797	0.008931	0.005947
69	Paints, varnishes and lacquers		0.014720	0.005065	0.018189	0.003135	0.003016	0.002320	0.008104	0.022759	0.013951	0.003463
70	Drugs and medicines		0.001259	0.000448	0.001648	0.000339	0.000236	0.000246	0.000676	0.002062	0.000906	0.000466
71	Soaps, cosmetics & glycerin		0.001223	0.000350	0.001476	0.000250	0.000207	0.000188	0.000721	0.001876	0.000793	0.000434
72	Synthetic fibers, resin		0.016839	0.007075	0.030579	0.006420	0.004621	0.004754	0.024072	0.046623	0.022315	0.038759
73	Other chemicals		0.038552	0.012375	0.043843	0.006489	0.005710	0.004694	0.015001	0.046160	0.023056	0.014255
74	Structural clay products		0.001496	0.000945	0.002717	0.001372	0.000516	0.000945	0.001737	0.004587	0.002743	0.000490
75	Cement		0.001427	0.000918	0.002563	0.001335	0.000517	0.000967	0.001833	0.004605	0.002252	0.000457
76	Other non-metallic mineral prods.		0.003386	0.001954	0.007042	0.001785	0.001418	0.001866	0.003511	0.012805	0.005840	0.001665
77	Iron, steel and ferro alloys		0.021560	0.029543	0.088993	0.020175	0.019963	0.015708	0.032647	0.158712	0.050675	0.008477
78	Iron and steel casting & forging		0.035616	0.031268	0.105396	0.025356	0.022903	0.015495	0.036629	0.158855	0.045417	0.008688
79	Iron and steel foundries		0.042107	0.015630	0.057714	0.011326	0.008558	0.007117	0.017361	0.068912	0.030989	0.009740
80	Non-ferrous basic metals		1.286380	0.082368	0.343478	0.046982	0.041873	0.032403	0.073273	0.356747	0.127424	0.093019
81	Hand tools, hardware		0.018405	1.044379	0.045953	0.012511	0.016057	0.014835	0.035629	0.109727	0.027134	0.004636
82	Miscellaneous metal products		0.031842	0.020538	1.054168	0.017617	0.011083	0.009224	0.021995	0.099170	0.036414	0.013641
83	Tractors and agri. implements		0.000999	0.000808	0.003761	1.051622	0.001902	0.002046	0.005892	0.025818	0.007936	0.000845
84	Industrial machinery(F & T)		0.004776	0.003758	0.020109	0.028904	1.077025	0.015661	0.030619	0.193326	0.038424	0.003023
85	Industrial machinery(others)		0.027988	0.007247	0.034084	0.029885	0.010228	1.023269	0.029860	0.061075	0.014744	0.004510
86	Machine tools		0.011927	0.016908	0.038922	0.045041	0.030746	0.027685	1.045355	0.228358	0.049010	0.009134
87	Other non-electrical machinery		0.010582	0.009112	0.037111	0.030691	0.018407	0.015744	0.029151	1.199446	0.030001	0.004118
88	Electrical industrial Machinery		0.005061	0.003159	0.014966	0.003381	0.006957	0.002845	0.008869	0.042510	1.077366	0.008623
89	Electrical wires & cables		0.006309	0.002772	0.010430	0.002730	0.002347	0.001893	0.006967	0.021644	0.068698	1.017749
90	Batteries		0.019717	0.010860	0.030763	0.011926	0.005274	0.004029	0.016431	0.053844	0.069066	0.006407
91	Electrical appliances		0.002632	0.002092	0.008042	0.002722	0.002867	0.001732	0.007182	0.042360	0.008894	0.001805
92	Communication equipments		0.012444	0.005705	0.026097	0.010378	0.005916	0.004984	0.016856	0.083220	0.040553	0.006374
93	Other electrical Machinery		0.017002	0.017809	0.056884	0.012855	0.026961	0.013313	0.040883	0.139495	0.123963	0.015546
94	Electronic equipments(incl.TV)		0.008777	0.007067	0.026586	0.007390	0.007873	0.006594	0.020064	0.063350	0.041670	0.004655
95	Ships and boats		0.039200	0.012568	0.060374	0.023474	0.007868	0.009793	0.025115	0.088959	0.029943	0.007711
96	Rail equipments		0.024469	0.007795	0.032418	0.005158	0.004733	0.003928	0.023355	0.041857	0.017751	0.007104
97	Motor vehicles		0.004206	0.002262	0.006639	0.003036	0.001097	0.000816	0.007383	0.010261	0.003764	0.000893
98	Motor cycles and scooters		0.004850	0.007354	0.018580	0.003336	0.001287	0.001050	0.012889	0.022742	0.003587	0.000928
99	Bicycles, cycle-rickshaw		0.001723	0.002188	0.020482	0.002593	0.000847	0.000765	0.003125	0.014203	0.002128	0.000653
100	Other transport equipments		0.003097	0.002158	0.007126	0.002465	0.001211	0.001263	0.008087	0.017295	0.005137	0.000945

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	80	81	82	83	84	85	86	87	88	89
101	Watches and clocks		0.006541	0.004965	0.035727	0.005378	0.004891	0.004971	0.036131	0.074435	0.019532	0.002929
102	Medical, precision&optical instru.s		0.002945	0.001721	0.013296	0.001803	0.001508	0.003201	0.010652	0.019984	0.007288	0.001242
103	Jems & jewelry		0.002035	0.000316	0.002625	0.000302	0.000264	0.000391	0.001960	0.002695	0.001491	0.000282
104	Aircraft & spacecraft		0.063909	0.022649	0.078811	0.017050	0.015249	0.011618	0.068233	0.121324	0.048233	0.014212
105	Miscellaneous manufacturing		0.008007	0.004484	0.012858	0.003374	0.002611	0.002986	0.006713	0.018543	0.010023	0.003758
106	Construction		0.001320	0.000905	0.002122	0.001365	0.000488	0.000935	0.001693	0.004267	0.002162	0.000413
107	Electricity		0.028157	0.008911	0.035504	0.007635	0.005406	0.004331	0.012051	0.047542	0.020815	0.006696
108	Water supply		0.001918	0.000837	0.002523	0.000666	0.000426	0.000453	0.001399	0.003529	0.001464	0.000494
109	Railway transport services		0.035204	0.008217	0.039536	0.005656	0.005088	0.004704	0.010355	0.042464	0.014688	0.005032
110	Land tpt including via pipeline		0.010611	0.004136	0.013999	0.003083	0.002569	0.002378	0.005910	0.021303	0.008340	0.002882
111	Water transport		0.014802	0.003589	0.015959	0.002338	0.001926	0.001670	0.004334	0.016093	0.006161	0.002244
112	Air transport		0.026244	0.012580	0.038110	0.008509	0.007150	0.005634	0.014143	0.057245	0.021058	0.007169
113	Supporting and aux. tpt activities		0.012404	0.004400	0.016880	0.003745	0.002882	0.002488	0.006433	0.023898	0.008619	0.003146
114	Storage and warehousing		0.015650	0.005456	0.021588	0.004332	0.003573	0.002801	0.007095	0.027537	0.010140	0.003391
115	Communication		0.014115	0.004712	0.017650	0.004882	0.003641	0.002838	0.007812	0.038455	0.023164	0.004481
116	Trade		0.013810	0.005052	0.019701	0.004101	0.003365	0.002617	0.006638	0.025711	0.009420	0.003089
117	Hotels and restaurants		0.004702	0.001811	0.006445	0.001946	0.001148	0.001145	0.002810	0.010201	0.003813	0.001199
118	Banking		0.015663	0.007455	0.024417	0.005409	0.004443	0.003724	0.011298	0.040820	0.014862	0.004709
119	Insurance		0.010200	0.006444	0.021527	0.006931	0.004189	0.004072	0.011147	0.052902	0.021013	0.004081
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.001732	0.000453	0.001753	0.000258	0.000226	0.000212	0.000471	0.001797	0.000690	0.000261
122	Medical and health		0.000398	0.000235	0.000559	0.000125	0.000107	0.000124	0.000262	0.000875	0.000331	0.000113
123	Business services		0.022490	0.006485	0.029684	0.026366	0.005369	0.009137	0.019181	0.064682	0.020241	0.004323
124	Computer & related activities		0.001589	0.004364	0.003942	0.001414	0.001398	0.002112	0.003920	0.008321	0.003109	0.001613
125	Legal services		0.016643	0.005201	0.019748	0.006628	0.004340	0.006069	0.012781	0.054694	0.015244	0.003146
126	Real estate activities		0.003961	0.001194	0.005258	0.004587	0.000961	0.001638	0.003416	0.011394	0.003663	0.000778
127	Renting of machinery & equipment		0.043344	0.005460	0.033349	0.003857	0.003118	0.002659	0.007107	0.028270	0.010543	0.004429
128	O.com, social&personal services		0.008086	0.003941	0.019483	0.006309	0.001586	0.001496	0.004325	0.016475	0.009434	0.001842
129	Other services		0.013573	0.004223	0.015481	0.004432	0.002107	0.002523	0.005084	0.019459	0.007839	0.002527
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	90	91	92	93	94	95	96	97	98	99
1	Paddy		0.000030	0.000117	0.000186	0.000292	0.000184	0.000030	0.000118	0.000920	0.000207	0.000059
2	Wheat		0.000036	0.000134	0.000210	0.000338	0.000208	0.000034	0.000140	0.001040	0.000233	0.000065
3	Jowar		0.000029	0.000096	0.000154	0.000245	0.000150	0.000024	0.000100	0.000725	0.000169	0.000044
4	Bajra		0.000039	0.000117	0.000184	0.000301	0.000179	0.000028	0.000123	0.000862	0.000201	0.000051
5	Maize		0.000024	0.000082	0.000128	0.000208	0.000125	0.000020	0.000088	0.000615	0.000142	0.000037
6	Gram		0.000058	0.000204	0.000300	0.000533	0.000307	0.000049	0.000205	0.001678	0.000337	0.000098
7	Pulses		0.000068	0.000279	0.000449	0.000679	0.000440	0.000074	0.000268	0.002177	0.000496	0.000140
8	Sugarcane		0.000162	0.000462	0.000741	0.001251	0.000713	0.000113	0.000504	0.003436	0.000821	0.000204
9	Groundnut		0.000054	0.000172	0.000271	0.000438	0.000272	0.000044	0.000182	0.001328	0.000310	0.000081
10	Coconut		0.000040	0.000122	0.000193	0.000340	0.000186	0.000028	0.000163	0.000863	0.000202	0.000053
11	Other oilseeds		0.000073	0.000225	0.000355	0.000578	0.000353	0.000057	0.000243	0.001711	0.000403	0.000104
12	Jute		0.000413	0.001739	0.002552	0.004285	0.002351	0.000347	0.002575	0.010332	0.002831	0.000936
13	Cotton		0.000128	0.000481	0.000781	0.001295	0.000802	0.000117	0.000421	0.003624	0.000722	0.000158
14	Tea		0.000072	0.000288	0.000465	0.000713	0.000455	0.000075	0.000304	0.002356	0.000587	0.000169
15	Coffee		0.000063	0.000249	0.000402	0.000618	0.000394	0.000065	0.000264	0.002039	0.000507	0.000146
16	Rubber		0.001138	0.003920	0.005396	0.010177	0.006099	0.000843	0.010917	0.060105	0.009204	0.002482
17	Tobacco		0.000007	0.000018	0.000028	0.000046	0.000027	0.000004	0.000022	0.000128	0.000032	0.000008
18	Fruits		0.000103	0.000302	0.000469	0.000792	0.000455	0.000070	0.000351	0.002176	0.000525	0.000128
19	Vegetables		0.000024	0.000108	0.000175	0.000256	0.000171	0.000029	0.000098	0.000841	0.000191	0.000054
20	Other crops		0.000166	0.000667	0.001038	0.001753	0.001060	0.000171	0.000692	0.005450	0.001133	0.000343
21	Milk and milk products		0.000044	0.000180	0.000289	0.000434	0.000282	0.000047	0.000174	0.001378	0.000315	0.000088
22	Animal services(agricultural)		0.000079	0.000293	0.000462	0.000759	0.000463	0.000074	0.000303	0.002285	0.000501	0.000139
23	Poultry & Eggs		0.000057	0.000259	0.000423	0.000612	0.000413	0.000071	0.000234	0.002028	0.000458	0.000132
24	Other liv.st. produ.		0.000222	0.001015	0.001274	0.002366	0.001336	0.000215	0.000812	0.009499	0.001456	0.000461
25	Forestry and logging		0.000255	0.001058	0.001842	0.002195	0.001605	0.000266	0.001395	0.006158	0.001299	0.000370
26	Fishing		0.000052	0.000136	0.000212	0.000360	0.000208	0.000033	0.000158	0.000953	0.000229	0.000055
27	Coal and lignite		0.004771	0.015671	0.024285	0.067737	0.022766	0.004195	0.021263	0.130873	0.023523	0.007295
28	Natural gas		0.003330	0.013058	0.021083	0.034459	0.017253	0.003650	0.017064	0.106932	0.020169	0.005863
29	Crude petroleum		0.004921	0.017940	0.027932	0.048789	0.025952	0.004472	0.023508	0.125752	0.028664	0.008115
30	Iron ore		0.000712	0.005477	0.009056	0.012617	0.006287	0.001930	0.008802	0.053150	0.007321	0.003020
31	Manganese ore		0.007637	0.018962	0.031342	0.050685	0.022612	0.006292	0.035423	0.174805	0.024653	0.009888
32	Bauxite		0.004032	0.009042	0.015177	0.064495	0.015531	0.001692	0.009946	0.059572	0.011620	0.003351
33	Copper ore		0.139886	0.305892	0.512165	2.237318	0.530390	0.057837	0.256858	2.053209	0.400671	0.116145
34	Other metallic minerals		0.007067	0.011756	0.022325	0.077855	0.027967	0.002449	0.010733	0.080261	0.015117	0.004514

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	90	91	92	93	94	95	96	97	98	99
35	Lime stone		0.000464	0.002269	0.004360	0.005661	0.002943	0.000559	0.005254	0.016055	0.002584	0.000889
36	Mica		0.011584	0.091357	0.275890	0.370415	0.430062	0.014478	0.893634	0.268378	0.045570	0.009594
37	Other non metallic minerals		0.000814	0.002974	0.004638	0.010891	0.005568	0.000514	0.007385	0.015149	0.002732	0.000612
38	Sugar		0.000114	0.000326	0.000510	0.000957	0.000487	0.000081	0.000378	0.002460	0.000546	0.000144
39	Khandsari, boora		0.000140	0.000432	0.000701	0.001108	0.000686	0.000109	0.000432	0.003209	0.000765	0.000191
40	Hydrogenated oil(vanaspati)		0.000104	0.000435	0.000704	0.001041	0.000689	0.000117	0.000407	0.003364	0.000766	0.000216
41	Edible oils other than vanaspati		0.000074	0.000224	0.000350	0.000576	0.000356	0.000057	0.000236	0.001698	0.000372	0.000095
42	Tea and coffee processing		0.000046	0.000208	0.000340	0.000492	0.000332	0.000057	0.000188	0.001630	0.000369	0.000106
43	Miscellaneous food products		0.000161	0.000476	0.000728	0.001235	0.000707	0.000108	0.000589	0.003458	0.000801	0.000198
44	Beverages		0.000118	0.000315	0.000504	0.000883	0.000500	0.000079	0.000333	0.002207	0.000535	0.000118
45	Tobacco products		0.000002	0.000004	0.000007	0.000012	0.000006	0.000001	0.000009	0.000029	0.000007	0.000002
46	Khadi, cotton textiles(handlooms)		0.000086	0.000337	0.000554	0.000882	0.000592	0.000089	0.000336	0.003134	0.000536	0.000133
47	Cotton textiles		0.000043	0.000169	0.000278	0.000447	0.000307	0.000047	0.000161	0.001627	0.000268	0.000065
48	Woolen textiles		0.000082	0.000324	0.000523	0.000914	0.000574	0.000160	0.000349	0.002467	0.000538	0.000138
49	Silk textiles		0.000109	0.000362	0.000605	0.001051	0.000681	0.000094	0.000340	0.002884	0.000655	0.000131
50	Art silk, synthetic fiber textiles		0.000216	0.000820	0.001200	0.002795	0.001443	0.000237	0.000707	0.006856	0.001127	0.000185
51	Jute, hemp, mesta textiles		0.000494	0.002107	0.003070	0.005038	0.002772	0.000405	0.003169	0.012109	0.003489	0.001201
52	Carpet weaving		0.000009	0.000042	0.000053	0.000096	0.000056	0.000018	0.000040	0.000541	0.000165	0.000028
53	Readymade garments		0.000073	0.000260	0.000474	0.000739	0.000532	0.000064	0.000272	0.001820	0.000392	0.000087
54	Miscellaneous textile products		0.000403	0.001676	0.002790	0.004025	0.002469	0.000334	0.001373	0.010170	0.002100	0.000581
55	Furniture and fixtures-wooden		0.000241	0.001588	0.004232	0.002053	0.002733	0.000377	0.000783	0.007147	0.001426	0.000705
56	Wood and wood products		0.000648	0.003180	0.004509	0.006661	0.004075	0.000708	0.004590	0.016170	0.002986	0.000902
57	Paper, paper prods. & newsprint		0.001554	0.005087	0.007800	0.011038	0.006979	0.000940	0.003383	0.023717	0.005437	0.001727
58	Printing and publishing		0.000359	0.001518	0.002938	0.003256	0.002469	0.000409	0.001355	0.010906	0.002885	0.000745
59	Leather footwear		0.000066	0.000117	0.000179	0.000347	0.000186	0.000026	0.000144	0.000792	0.000173	0.000038
60	Leather and leather products		0.000357	0.002170	0.002542	0.007968	0.003324	0.000421	0.001776	0.052895	0.003659	0.002604
61	Rubber products		0.000784	0.002089	0.002952	0.006442	0.003422	0.000511	0.003327	0.064056	0.010341	0.003182
62	Plastic products		0.001802	0.006890	0.009941	0.012705	0.009827	0.001249	0.003541	0.036522	0.006696	0.001346
63	Petroleum products		0.000662	0.002621	0.004057	0.007040	0.003769	0.000659	0.003455	0.018341	0.004131	0.001213
64	Coal tar products		0.001545	0.005085	0.008286	0.018425	0.006939	0.001438	0.008067	0.042265	0.006716	0.002356
65	Inorganic heavy chemicals		0.006833	0.009095	0.013108	0.029095	0.012369	0.001489	0.012562	0.046311	0.010786	0.002156
66	Organic heavy chemicals		0.003608	0.005809	0.009985	0.015958	0.009367	0.001144	0.005753	0.038030	0.011022	0.001490
67	Fertilizers		0.001106	0.002030	0.003109	0.006098	0.003011	0.000502	0.002611	0.013241	0.003112	0.000688

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	90	91	92	93	94	95	96	97	98	99
68	Pesticides		0.003218	0.003134	0.004887	0.009279	0.004692	0.000608	0.004019	0.020294	0.004911	0.000994
69	Paints, varnishes and lacquers		0.001252	0.003406	0.004625	0.010125	0.004811	0.001044	0.010183	0.031797	0.005656	0.001390
70	Drugs and medicines		0.000143	0.000308	0.000508	0.000791	0.000467	0.000084	0.000369	0.001945	0.000485	0.000119
71	Soaps, cosmetics & glycerin		0.000103	0.000465	0.000526	0.000885	0.000545	0.000095	0.000336	0.002146	0.000442	0.000093
72	Synthetic fibers, resin		0.005300	0.008909	0.016862	0.028491	0.017652	0.002233	0.009994	0.071382	0.037784	0.002456
73	Other chemicals		0.002049	0.006634	0.010741	0.020464	0.010172	0.001340	0.007004	0.047280	0.012416	0.003381
74	Structural clay products		0.000119	0.000602	0.001257	0.001308	0.000945	0.000110	0.000969	0.003650	0.000659	0.000203
75	Cement		0.000120	0.000681	0.001378	0.001705	0.001026	0.000118	0.002373	0.003695	0.000663	0.000199
76	Other non-metallic mineral prods.		0.000682	0.006535	0.010824	0.006371	0.005966	0.000560	0.006039	0.010597	0.001625	0.000373
77	Iron, steel and ferro alloys		0.001228	0.011421	0.015802	0.023371	0.012494	0.004716	0.018323	0.121957	0.014811	0.006628
78	Iron and steel casting & forging		0.001428	0.012384	0.014405	0.024119	0.011525	0.002929	0.015653	0.114380	0.030046	0.004824
79	Iron and steel foundries		0.001328	0.006796	0.008941	0.022511	0.009496	0.002013	0.007996	0.073871	0.011456	0.007502
80	Non-ferrous basic metals		0.015518	0.030254	0.045414	0.121918	0.038079	0.005485	0.024658	0.194137	0.039224	0.009739
81	Hand tools, hardware		0.000874	0.006743	0.006593	0.017618	0.007739	0.001443	0.008363	0.310558	0.074500	0.020585
82	Miscellaneous metal products		0.002852	0.009827	0.012256	0.025100	0.014594	0.001641	0.007808	0.068612	0.014458	0.002592
83	Tractors and agri. implements		0.000590	0.002291	0.001536	0.002863	0.001464	0.000381	0.003201	0.009763	0.003612	0.000185
84	Industrial machinery(F & T)		0.000618	0.009330	0.004306	0.008960	0.005881	0.000781	0.002857	0.047132	0.006292	0.000714
85	Industrial machinery(others)		0.001587	0.004716	0.005766	0.013756	0.005139	0.000896	0.004328	0.031528	0.005862	0.001367
86	Machine tools		0.001907	0.009360	0.009244	0.024072	0.010329	0.002898	0.016394	0.164432	0.032079	0.004394
87	Other non-electrical machinery		0.000861	0.007406	0.009313	0.013934	0.009871	0.002878	0.007419	0.155908	0.025207	0.002115
88	Electrical industrial Machinery		0.002856	0.008020	0.014893	0.016207	0.013908	0.001718	0.002577	0.037962	0.004881	0.000571
89	Electrical wires & cables		0.004050	0.008241	0.021958	0.028525	0.023603	0.000826	0.003500	0.029221	0.002979	0.000532
90	Batteries		1.090280	0.012607	0.030311	0.059157	0.040626	0.001568	0.005233	0.061815	0.016338	0.001938
91	Electrical appliances		0.000315	1.016909	0.018165	0.012294	0.011747	0.001209	0.002247	0.079335	0.009015	0.000437
92	Communication equipments		0.003976	0.056996	1.229519	0.037393	0.152471	0.010073	0.012173	0.051840	0.009728	0.001421
93	Other electrical Machinery		0.005783	0.024700	0.092050	1.046364	0.153404	0.006593	0.025532	0.211929	0.029785	0.004461
94	Electronic equipments(incl.TV)		0.001826	0.016472	0.083306	0.034704	1.151759	0.011939	0.015724	0.055935	0.006456	0.002327
95	Ships and boats		0.003049	0.014166	0.020668	0.023455	0.017070	4.060922	0.007349	0.082403	0.013388	0.003412
96	Rail equipments		0.000920	0.004452	0.010194	0.014947	0.006163	0.001585	1.214443	0.031888	0.006429	0.001575
97	Motor vehicles		0.000194	0.001060	0.001358	0.003344	0.001513	0.000208	0.002322	1.133549	0.016035	0.000648
98	Motor cycles and scooters		0.000190	0.000967	0.001180	0.003619	0.001474	0.000224	0.001480	0.077812	1.386917	0.008995
99	Bicycles, cycle-rickshaw		0.000129	0.000576	0.000796	0.001415	0.001607	0.000191	0.001599	0.014715	0.017591	1.295513
100	Other transport equipments		0.000310	0.001506	0.002193	0.003864	0.003039	0.000619	0.001864	0.088487	0.007929	0.000564

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	90	91	92	93	94	95	96	97	98	99
101	Watches and clocks		0.000611	0.009493	0.015249	0.023054	0.027819	0.005399	0.002942	0.088685	0.007523	0.001063
102	Medical, precision&optical instru.s		0.000254	0.003319	0.005881	0.009989	0.009425	0.001529	0.001697	0.025790	0.004491	0.000496
103	Jems & jewelry		0.000078	0.000468	0.000706	0.001524	0.001181	0.000214	0.000180	0.003766	0.000384	0.000067
104	Aircraft & spacecraft		0.003560	0.014018	0.049720	0.118130	0.034088	0.003838	0.014597	0.112075	0.022438	0.006832
105	Miscellaneous manufacturing		0.000610	0.004986	0.005376	0.007271	0.004628	0.001962	0.002052	0.016144	0.010580	0.001584
106	Construction		0.000104	0.000550	0.001179	0.001146	0.000873	0.000103	0.000860	0.003476	0.000624	0.000196
107	Electricity		0.002585	0.006586	0.012765	0.016220	0.011762	0.001592	0.006834	0.050484	0.015155	0.002438
108	Water supply		0.000124	0.000442	0.000732	0.001161	0.000676	0.000123	0.000638	0.012091	0.000862	0.000192
109	Railway transport services		0.000924	0.003976	0.006282	0.013200	0.006170	0.001475	0.005101	0.034809	0.006779	0.001747
110	Land tpt including via pipeline		0.000579	0.002494	0.003924	0.007215	0.004267	0.000723	0.002567	0.021679	0.004765	0.001587
111	Water transport		0.000493	0.001829	0.002870	0.005917	0.002820	0.000494	0.002365	0.013642	0.002789	0.000788
112	Air transport		0.001546	0.006305	0.010573	0.014909	0.010262	0.001848	0.007151	0.050014	0.010751	0.002691
113	Supporting and aux. tpt activities		0.000662	0.002580	0.004023	0.007166	0.004246	0.000690	0.002787	0.023684	0.005031	0.001999
114	Storage and warehousing		0.000774	0.002889	0.004681	0.007866	0.004595	0.000738	0.003785	0.027152	0.007811	0.002383
115	Communication		0.003478	0.016472	0.064035	0.012706	0.036706	0.001656	0.003513	0.029863	0.011278	0.001325
116	Trade		0.000708	0.002664	0.004334	0.007122	0.004277	0.000681	0.003509	0.025773	0.007635	0.002329
117	Hotels and restaurants		0.000277	0.001269	0.002073	0.002990	0.002027	0.000349	0.001139	0.009946	0.002244	0.000647
118	Banking		0.001216	0.006265	0.006772	0.011151	0.007490	0.001665	0.004845	0.054827	0.012018	0.001759
119	Insurance		0.000948	0.006520	0.015871	0.010300	0.012247	0.004463	0.005503	0.053041	0.015778	0.001343
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.000057	0.000221	0.000508	0.000603	0.000383	0.000067	0.000216	0.001351	0.000279	0.000096
122	Medical and health		0.000020	0.000099	0.000213	0.000221	0.000174	0.000056	0.000099	0.000732	0.000170	0.000051
123	Business services		0.001408	0.008402	0.014933	0.013182	0.013185	0.001300	0.003622	0.045451	0.006408	0.002056
124	Computer & related activities		0.000151	0.000708	0.001021	0.001796	0.001142	0.000752	0.000959	0.005978	0.001112	0.000965
125	Legal services		0.001317	0.006020	0.008602	0.011759	0.006784	0.001518	0.002708	0.035223	0.014395	0.005044
126	Real estate activities		0.000253	0.001494	0.002718	0.002360	0.002358	0.000232	0.000704	0.008061	0.001160	0.000369
127	Renting of machinery & equipment		0.001359	0.003122	0.006015	0.012506	0.006333	0.000753	0.003025	0.029981	0.006094	0.004249
128	O.com, social&personal services		0.001162	0.009946	0.010074	0.008208	0.005883	0.000848	0.001249	0.012341	0.001991	0.000446
129	Other services		0.005069	0.002480	0.003638	0.007021	0.003583	0.001716	0.002322	0.015829	0.004079	0.001840
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	100	101	102	103	104	105	106	107	108	109
1	Paddy		0.000015	0.000029	0.000171	0.000992	0.000006	0.000528	0.007558	0.000876	0.000154	0.000229
2	Wheat		0.000017	0.000031	0.000193	0.001067	0.000006	0.000721	0.008165	0.000978	0.000158	0.000254
3	Jowar		0.000012	0.000019	0.000137	0.000733	0.000004	0.000521	0.005198	0.000712	0.000111	0.000187
4	Bajra		0.000015	0.000022	0.000160	0.000804	0.000005	0.000606	0.005589	0.000814	0.000138	0.000218
5	Maize		0.000010	0.000016	0.000126	0.000594	0.000003	0.000528	0.004212	0.000605	0.000084	0.000161
6	Gram		0.000025	0.000065	0.000302	0.001499	0.000009	0.001001	0.011151	0.001106	0.000223	0.000309
7	Pulses		0.000036	0.000067	0.000402	0.002449	0.000014	0.001133	0.015068	0.002322	0.000411	0.000581
8	Sugarcane		0.000060	0.000070	0.000693	0.002803	0.000017	0.002380	0.021293	0.005550	0.000400	0.000977
9	Groundnut		0.000022	0.000035	0.000243	0.001255	0.000007	0.001291	0.008891	0.002061	0.000164	0.000338
10	Coconut		0.000015	0.000021	0.000162	0.000727	0.000004	0.000861	0.016631	0.001113	0.000095	0.000255
11	Other oilseeds		0.000029	0.000043	0.000332	0.001576	0.000009	0.001605	0.011202	0.002622	0.000217	0.000452
12	Jute		0.000224	0.000238	0.002428	0.005714	0.000045	0.007997	0.277204	0.005937	0.000652	0.002967
13	Cotton		0.000058	0.000077	0.001040	0.002396	0.000017	0.003086	0.015646	0.002124	0.000223	0.000569
14	Tea		0.000041	0.000062	0.000372	0.002184	0.000013	0.001042	0.016368	0.002370	0.000340	0.000573
15	Coffee		0.000036	0.000054	0.000318	0.001888	0.000011	0.000913	0.014167	0.002050	0.000293	0.000493
16	Rubber		0.000937	0.000912	0.006752	0.016591	0.000123	0.024713	0.101193	0.010379	0.001206	0.007580
17	Tobacco		0.000002	0.000002	0.000022	0.000074	0.000000	0.000079	0.000817	0.000084	0.000008	0.000028
18	Fruits		0.000038	0.000043	0.000439	0.001887	0.000011	0.002309	0.014846	0.002087	0.000230	0.000551
19	Vegetables		0.000014	0.000027	0.000157	0.000998	0.000006	0.000370	0.005675	0.000949	0.000177	0.000224
20	Other crops		0.000084	0.000210	0.001094	0.006031	0.000035	0.003073	0.061195	0.003878	0.000827	0.001172
21	Milk and milk products		0.000023	0.000041	0.000259	0.001568	0.000009	0.000795	0.009409	0.001521	0.000264	0.000376
22	Animal services(agricultural)		0.000037	0.000070	0.000475	0.002213	0.000013	0.001521	0.020173	0.001999	0.000306	0.000516
23	Poultry & Eggs		0.000034	0.000066	0.000380	0.002454	0.000014	0.000859	0.013767	0.002311	0.000440	0.000548
24	Other liv.st. produ.		0.000115	0.000514	0.001291	0.004223	0.000027	0.005164	0.034075	0.003769	0.000521	0.001082
25	Forestry and logging		0.000220	0.000163	0.001219	0.004946	0.000035	0.007620	0.378731	0.006381	0.000751	0.002629
26	Fishing		0.000017	0.000019	0.000178	0.000806	0.000005	0.000922	0.006401	0.000910	0.000104	0.000231
27	Coal and lignite		0.001765	0.000830	0.008008	0.037068	0.000410	0.036728	0.666868	0.370599	0.002495	0.029013
28	Natural gas		0.001433	0.000906	0.009922	0.033738	0.000393	0.034395	0.696239	0.347033	0.005070	0.027288
29	Crude petroleum		0.002108	0.002714	0.022156	0.105231	0.000939	0.054937	1.093766	0.313110	0.013309	0.050970
30	Iron ore		0.000537	0.000174	0.002231	0.006812	0.000131	0.011827	0.253516	0.009674	0.000579	0.006315
31	Manganese ore		0.001828	0.000645	0.010047	0.025719	0.000442	0.041234	0.853201	0.033508	0.002042	0.024419
32	Bauxite		0.001003	0.000476	0.004223	0.028611	0.000189	0.020667	0.349367	0.016416	0.000837	0.007857
33	Copper ore		0.034662	0.015410	0.109692	0.965942	0.006243	0.664825	6.645350	0.528560	0.021056	0.204341
34	Other metallic minerals		0.001282	0.000579	0.004517	0.037847	0.000246	0.026176	0.281571	0.020605	0.000892	0.008448

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	100	101	102	103	104	105	106	107	108	109
35	Lime stone		0.000193	0.000241	0.002305	0.005904	0.000078	0.005614	1.115289	0.009012	0.001621	0.007112
36	Mica		0.004035	0.005155	0.356506	0.202051	0.001794	0.283256	8.139160	0.187343	0.014986	0.516584
37	Other non metallic minerals		0.000237	0.000281	0.003774	0.589937	0.000091	0.012151	0.989612	0.009251	0.001652	0.008015
38	Sugar		0.000041	0.000043	0.000409	0.001746	0.000011	0.001412	0.014320	0.001923	0.000246	0.000555
39	Khandsari, boora		0.000057	0.000080	0.000665	0.003154	0.000018	0.002153	0.020153	0.003142	0.000499	0.000905
40	Hydrogenated oil(vanaspati)		0.000056	0.000104	0.000628	0.003894	0.000022	0.001682	0.022721	0.004033	0.000675	0.000901
41	Edible oils other than vanaspati		0.000027	0.000046	0.000333	0.001510	0.000009	0.001305	0.010593	0.001702	0.000219	0.000395
42	Tea and coffee processing		0.000027	0.000053	0.000305	0.001966	0.000011	0.000681	0.011107	0.001854	0.000352	0.000439
43	Miscellaneous food products		0.000058	0.000067	0.000619	0.002456	0.000016	0.002035	0.024971	0.002889	0.000358	0.000801
44	Beverages		0.000039	0.000048	0.000430	0.001843	0.000011	0.001353	0.012832	0.001913	0.000327	0.000515
45	Tobacco products		0.000001	0.000001	0.000007	0.000017	0.000000	0.000019	0.000216	0.000019	0.000002	0.000009
46	Khadi, cotton textiles(handlooms)		0.000045	0.000069	0.000790	0.001868	0.000013	0.002664	0.012282	0.002143	0.000178	0.000452
47	Cotton textiles		0.000022	0.000037	0.000425	0.000967	0.000007	0.001455	0.006125	0.001133	0.000092	0.000272
48	Woolen textiles		0.000045	0.000062	0.000635	0.002996	0.000082	0.002234	0.019962	0.001809	0.000227	0.000461
49	Silk textiles		0.000050	0.000071	0.002037	0.001709	0.000012	0.002453	0.014058	0.002395	0.000168	0.000457
50	Art silk, synthetic fiber textiles		0.000086	0.000092	0.002526	0.003308	0.000019	0.006363	0.018209	0.003092	0.000195	0.000797
51	Jute, hemp, mesta textiles		0.000262	0.000292	0.002659	0.006617	0.000053	0.009209	0.370807	0.006955	0.000798	0.003712
52	Carpet weaving		0.000143	0.000017	0.000046	0.000189	0.000005	0.000222	0.000973	0.000157	0.000012	0.000049
53	Readymade garments		0.000029	0.000037	0.000880	0.001238	0.000018	0.001086	0.016766	0.005443	0.000301	0.000563
54	Miscellaneous textile products		0.000185	0.000260	0.002347	0.008711	0.000056	0.007062	0.051782	0.004940	0.000930	0.001662
55	Furniture and fixtures-wooden		0.000126	0.000133	0.001326	0.005497	0.000050	0.004384	0.039792	0.013496	0.001178	0.001674
56	Wood and wood products		0.000250	0.000452	0.003893	0.011988	0.000071	0.015940	0.542109	0.010357	0.000995	0.005286
57	Paper, paper prods. & newsprint		0.000555	0.000643	0.006197	0.016928	0.000102	0.025799	0.161420	0.023918	0.002003	0.005396
58	Printing and publishing		0.000199	0.000256	0.001906	0.007852	0.000057	0.006505	0.088312	0.016401	0.001295	0.003685
59	Leather footwear		0.000013	0.000016	0.000163	0.000528	0.000003	0.000615	0.004381	0.000537	0.000060	0.000148
60	Leather and leather products		0.000254	0.006154	0.004695	0.006297	0.000051	0.013821	0.029817	0.004624	0.000285	0.001747
61	Rubber products		0.001230	0.000367	0.004169	0.013824	0.000119	0.008818	0.072619	0.009822	0.001540	0.003150
62	Plastic products		0.000531	0.000642	0.008350	0.017494	0.000109	0.036199	0.158957	0.008895	0.000786	0.003976
63	Petroleum products		0.000304	0.000415	0.003258	0.016103	0.000144	0.007726	0.153556	0.048141	0.001968	0.007782
64	Coal tar products		0.000511	0.000362	0.002989	0.011867	0.000150	0.011473	1.205520	0.044478	0.001894	0.010392
65	Inorganic heavy chemicals		0.000859	0.000475	0.009377	0.020628	0.000145	0.027148	0.259734	0.022553	0.003051	0.009886
66	Organic heavy chemicals		0.000823	0.000408	0.008659	0.016885	0.000108	0.031796	0.152050	0.017239	0.001982	0.006368
67	Fertilizers		0.000242	0.000218	0.002484	0.008051	0.000058	0.007737	0.097411	0.013121	0.007093	0.003256

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	100	101	102	103	104	105	106	107	108	109
68	Pesticides		0.000388	0.000249	0.003781	0.009778	0.000065	0.012975	0.125896	0.017567	0.001195	0.004053
69	Paints, varnishes and lacquers		0.000371	0.000308	0.002923	0.011339	0.000117	0.013858	0.515338	0.009430	0.001077	0.008090
70	Drugs and medicines		0.000044	0.000037	0.001612	0.001844	0.000021	0.002426	0.011807	0.001504	0.000100	0.003540
71	Soaps, cosmetics & glycerin		0.000035	0.000030	0.000531	0.001522	0.000007	0.002808	0.010524	0.001310	0.000126	0.000393
72	Synthetic fibers, resin		0.002167	0.000673	0.013723	0.031847	0.000163	0.078100	0.161734	0.016182	0.001192	0.008854
73	Other chemicals		0.000923	0.000517	0.008383	0.030051	0.000147	0.024840	0.234703	0.065004	0.002319	0.008634
74	Structural clay products		0.000049	0.000187	0.000646	0.003598	0.000046	0.001739	1.117348	0.005595	0.001480	0.004550
75	Cement		0.000050	0.000184	0.001174	0.003637	0.000046	0.001845	1.073895	0.005485	0.001425	0.005145
76	Other non-metallic mineral prods.		0.000126	0.000340	0.003910	0.005233	0.000072	0.004843	0.730023	0.007281	0.001138	0.006323
77	Iron, steel and ferro alloys		0.001100	0.000343	0.003365	0.013541	0.000295	0.025051	0.511616	0.016713	0.001175	0.012972
78	Iron and steel casting & forging		0.001766	0.000326	0.004368	0.014253	0.000239	0.027261	0.262918	0.016647	0.000816	0.010777
79	Iron and steel foundries		0.000959	0.000287	0.002739	0.010575	0.000157	0.014927	0.605298	0.011648	0.001172	0.007273
80	Non-ferrous basic metals		0.003260	0.001499	0.009877	0.067332	0.000621	0.063352	0.597100	0.043313	0.001918	0.019121
81	Hand tools, hardware		0.004373	0.002927	0.003376	0.015012	0.000152	0.015658	0.131566	0.021612	0.001276	0.007108
82	Miscellaneous metal products		0.000933	0.000312	0.004667	0.013097	0.000260	0.022898	0.411913	0.014858	0.001062	0.006976
83	Tractors and agri. implements		0.000224	0.000038	0.000721	0.001821	0.000023	0.003725	0.011779	0.002139	0.000091	0.001955
84	Industrial machinery(F & T)		0.000403	0.000142	0.003384	0.005172	0.000060	0.008828	0.039773	0.011095	0.000421	0.002564
85	Industrial machinery(others)		0.000447	0.000272	0.003040	0.011452	0.000101	0.010194	0.184543	0.033742	0.001090	0.005596
86	Machine tools		0.002384	0.000302	0.004810	0.010154	0.000297	0.017280	0.074366	0.018849	0.000610	0.010830
87	Other non-electrical machinery		0.001439	0.000297	0.003642	0.013331	0.000173	0.020290	0.092223	0.033831	0.001540	0.006930
88	Electrical industrial Machinery		0.000332	0.000198	0.005804	0.007201	0.000142	0.014758	0.041048	0.100524	0.000530	0.006545
89	Electrical wires & cables		0.000260	0.000286	0.006622	0.007981	0.000074	0.007728	0.593787	0.013495	0.001194	0.004935
90	Batteries		0.001058	0.004348	0.005708	0.028669	0.000204	0.017941	0.139250	0.023805	0.003162	0.006070
91	Electrical appliances		0.000634	0.000486	0.002798	0.003542	0.000035	0.004410	0.021923	0.005727	0.000293	0.003072
92	Communication equipments		0.000861	0.001870	0.021504	0.034457	0.000366	0.044013	0.094126	0.023478	0.001949	0.013565
93	Other electrical Machinery		0.004517	0.001925	0.011464	0.044490	0.000316	0.045221	0.104016	0.087358	0.001254	0.019737
94	Electronic equipments(incl.TV)		0.000547	0.001197	0.021877	0.027058	0.000296	0.047994	0.094785	0.021227	0.002157	0.012153
95	Ships and boats		0.001322	0.001773	0.023528	0.124655	0.000974	0.114655	0.474903	0.086462	0.008729	0.014782
96	Rail equipments		0.000599	0.000253	0.009144	0.085040	0.000942	0.015477	0.151362	0.032911	0.000911	0.641822
97	Motor vehicles		0.000849	0.000135	0.000869	0.004999	0.000034	0.002680	0.036484	0.012032	0.000640	0.002054
98	Motor cycles and scooters		0.018552	0.000077	0.000620	0.002403	0.000026	0.002792	0.022610	0.004347	0.000184	0.001359
99	Bicycles, cycle-rickshaw		0.000859	0.000063	0.000696	0.001642	0.000037	0.002035	0.025100	0.002404	0.000329	0.001182
100	Other transport equipments		1.006637	0.000208	0.003040	0.010235	0.000122	0.018655	0.028600	0.003905	0.000457	0.001891

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	100	101	102	103	104	105	106	107	108	109
101	Watches and clocks		0.000508	1.209761	0.086446	0.079167	0.000224	0.254856	0.083842	0.015606	0.000627	0.019082
102	Medical, precision&optical instru.s		0.000283	0.000259	1.121054	0.021464	0.000066	0.068336	0.040110	0.005462	0.000233	0.002986
103	Jems & jewelry		0.000028	0.000042	0.001112	1.484651	0.000010	0.009895	0.005175	0.000788	0.000030	0.000396
104	Aircraft & spacecraft		0.002889	0.001020	0.012770	0.107235	3.710304	0.034453	0.307960	0.040477	0.002479	0.099735
105	Miscellaneous manufacturing		0.000588	0.001001	0.005938	0.286681	0.000495	1.008987	0.164986	0.030502	0.001211	0.026802
106	Construction		0.000046	0.000190	0.000594	0.003523	0.000047	0.001347	1.148612	0.005560	0.001515	0.004584
107	Electricity		0.000943	0.000807	0.009012	0.021248	0.000295	0.016465	0.240480	1.207235	0.003460	0.046010
108	Water supply		0.000056	0.000080	0.000535	0.002418	0.000029	0.001250	0.162544	0.016418	1.093031	0.001820
109	Railway transport services		0.000484	0.000307	0.013287	0.129708	0.000109	0.016146	0.211074	0.047920	0.001251	1.007068
110	Land tpt including via pipeline		0.000340	0.000878	0.004902	0.034156	0.000191	0.010134	0.147767	0.013301	0.004334	0.003954
111	Water transport		0.000211	0.000211	0.006035	0.034265	0.000073	0.007673	0.164938	0.030119	0.000950	0.004353
112	Air transport		0.000839	0.000326	0.006123	0.047404	0.000130	0.013861	0.142443	0.016557	0.000978	0.006122
113	Supporting and aux. tpt activities		0.000351	0.001177	0.010405	0.016753	0.000068	0.012664	0.184905	0.016622	0.000801	0.003624
114	Storage and warehousing		0.000506	0.000520	0.002597	0.013580	0.000085	0.008574	0.195144	0.024021	0.000955	0.005261
115	Communication		0.001077	0.000441	0.004247	0.035390	0.000125	0.010179	0.099291	0.029671	0.001809	0.005477
116	Trade		0.000489	0.000482	0.002168	0.012293	0.000073	0.007826	0.183668	0.018983	0.000781	0.004632
117	Hotels and restaurants		0.000165	0.000326	0.001857	0.012103	0.000069	0.004082	0.067509	0.011371	0.002180	0.002687
118	Banking		0.000787	0.000673	0.008325	0.033545	0.000150	0.020444	0.198954	0.049014	0.002542	0.010639
119	Insurance		0.000884	0.001237	0.009627	0.015106	0.000472	0.018929	0.185501	0.028782	0.001160	0.005780
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.000022	0.000023	0.000138	0.000817	0.000013	0.000424	0.006219	0.002579	0.000041	0.000800
122	Medical and health		0.000011	0.000020	0.000182	0.001325	0.000011	0.000291	0.003018	0.000602	0.000020	0.008384
123	Business services		0.000854	0.001976	0.004734	0.072621	0.000216	0.014119	0.318089	0.015952	0.009248	0.005250
124	Computer & related activities		0.000081	0.000389	0.000862	0.005015	0.000263	0.002103	0.011999	0.001692	0.000107	0.001135
125	Legal services		0.001190	0.000382	0.002237	0.059059	0.001272	0.007096	0.116655	0.008948	0.001901	0.003606
126	Real estate activities		0.000150	0.000353	0.000871	0.012682	0.000041	0.002537	0.167683	0.003322	0.001712	0.001352
127	Renting of machinery & equipment		0.002071	0.000585	0.004770	0.061745	0.000165	0.009762	0.161198	0.014737	0.001600	0.147833
128	O.com, social&personal services		0.000162	0.000136	0.002161	0.027206	0.000456	0.009145	0.038438	0.008434	0.000395	0.001617
129	Other services		0.001481	0.000637	0.021790	0.013730	0.001466	0.007237	0.097692	0.015552	0.001009	0.003415
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	110	111	112	113	114	115	116	117	118	119
1	Paddy		0.019806	0.000124	0.000222	0.001160	0.000032	0.000204	0.006717	0.055955	0.001400	0.000673
2	Wheat		0.019724	0.000135	0.000250	0.001193	0.000035	0.000221	0.006054	0.057238	0.001442	0.000716
3	Jowar		0.012583	0.000094	0.000184	0.000892	0.000026	0.000158	0.004168	0.043919	0.001084	0.000560
4	Bajra		0.013010	0.000105	0.000213	0.000993	0.000029	0.000182	0.004756	0.049135	0.001210	0.000631
5	Maize		0.009006	0.000074	0.000153	0.000692	0.000021	0.000129	0.003377	0.034093	0.000844	0.000439
6	Gram		0.032431	0.000152	0.000320	0.000957	0.000040	0.000265	0.006400	0.036297	0.001112	0.000553
7	Pulses		0.047128	0.000300	0.000577	0.003624	0.000088	0.000541	0.016196	0.184504	0.004403	0.002081
8	Sugarcane		0.039459	0.000370	0.000774	0.003113	0.000109	0.000683	0.020460	0.151311	0.003836	0.002048
9	Groundnut		0.017828	0.000200	0.000320	0.001280	0.000044	0.000263	0.012347	0.061993	0.001570	0.000753
10	Coconut		0.008178	0.000111	0.000207	0.000599	0.000048	0.000164	0.006614	0.027594	0.000766	0.000356
11	Other oilseeds		0.021729	0.000252	0.000419	0.001646	0.000057	0.000342	0.014970	0.080043	0.002022	0.000987
12	Jute		0.038909	0.000629	0.001567	0.002270	0.003880	0.001713	0.065858	0.023472	0.002774	0.001276
13	Cotton		0.035854	0.000317	0.000767	0.000657	0.000313	0.000589	0.008927	0.008894	0.001011	0.000581
14	Tea		0.037163	0.000276	0.000518	0.002968	0.000079	0.000506	0.039603	0.150060	0.003635	0.001725
15	Coffee		0.032056	0.000239	0.000448	0.002560	0.000068	0.000437	0.033990	0.129400	0.003136	0.001489
16	Rubber		0.215670	0.001890	0.008388	0.004824	0.000361	0.003911	0.050454	0.012551	0.004540	0.002565
17	Tobacco		0.000661	0.000011	0.000059	0.000045	0.000003	0.000020	0.001865	0.001752	0.000056	0.000032
18	Fruits		0.022141	0.000247	0.000526	0.001743	0.000067	0.000408	0.010107	0.082319	0.002139	0.001283
19	Vegetables		0.019736	0.000124	0.000236	0.001636	0.000037	0.000224	0.006265	0.084658	0.001990	0.000920
20	Other crops		0.146540	0.000721	0.001117	0.003390	0.000135	0.000981	0.021525	0.113440	0.003871	0.001864
21	Milk and milk products		0.029079	0.000194	0.000377	0.002403	0.000058	0.000351	0.009587	0.123374	0.002925	0.001391
22	Animal services(agricultural)		0.043962	0.000279	0.000503	0.001793	0.000111	0.000437	0.012888	0.076792	0.002162	0.001064
23	Poultry & Eggs		0.049196	0.000303	0.000572	0.004087	0.000092	0.000551	0.015494	0.211854	0.004970	0.002293
24	Other liv.st. produ.		0.052924	0.000475	0.001276	0.003136	0.000153	0.000968	0.025760	0.136799	0.003831	0.001833
25	Forestry and logging		0.019284	0.000599	0.001562	0.002627	0.000386	0.002197	0.028558	0.011847	0.004354	0.002248
26	Fishing		0.009949	0.000116	0.000235	0.000786	0.000030	0.000181	0.004155	0.037292	0.000961	0.000528
27	Coal and lignite		0.086764	0.002367	0.004098	0.005894	0.001823	0.014101	0.076839	0.027783	0.013932	0.005646
28	Natural gas		0.354438	0.004026	0.010581	0.009497	0.002009	0.014994	0.118490	0.053277	0.016851	0.007359
29	Crude petroleum		2.259049	0.012109	0.046723	0.035564	0.003104	0.036826	0.400833	0.143872	0.045876	0.023839
30	Iron ore		0.022590	0.000727	0.000950	0.000899	0.000174	0.003832	0.020722	0.004773	0.002331	0.000965
31	Manganese ore		0.082015	0.002457	0.003365	0.003185	0.000594	0.013317	0.070678	0.017448	0.008120	0.003364
32	Bauxite		0.036214	0.000972	0.001695	0.001475	0.000263	0.006759	0.029863	0.007739	0.003937	0.001623
33	Copper ore		1.132346	0.030045	0.048902	0.043544	0.007698	0.223722	0.957090	0.219893	0.114754	0.052561
34	Other metallic minerals		0.046738	0.001353	0.002165	0.001912	0.000314	0.009472	0.038854	0.009346	0.004955	0.002148

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	110	111	112	113	114	115	116	117	118	119
35	Lime stone		0.024065	0.000652	0.001632	0.001499	0.000287	0.002743	0.018024	0.009204	0.004478	0.000826
36	Mica		0.525864	0.009708	0.026716	0.026442	0.003174	0.111120	0.321017	0.141298	0.074045	0.021532
37	Other non metallic minerals		0.027527	0.000623	0.001787	0.001572	0.000262	0.002861	0.023179	0.011401	0.004437	0.000937
38	Sugar		0.024154	0.000243	0.000491	0.001917	0.000063	0.000425	0.009673	0.093565	0.002351	0.001217
39	Khandsari, boora		0.051802	0.000415	0.000839	0.004213	0.000115	0.000726	0.020049	0.211995	0.005137	0.002755
40	Hydrogenated oil(vanaspati)		0.074778	0.000519	0.000951	0.006177	0.000147	0.000873	0.025490	0.318350	0.007518	0.003497
41	Edible oils other than vanaspati		0.023446	0.000298	0.000428	0.001755	0.000056	0.000334	0.009265	0.085985	0.002133	0.001025
42	Tea and coffee processing		0.039387	0.000252	0.000458	0.003271	0.000073	0.000442	0.012832	0.169527	0.003978	0.001834
43	Miscellaneous food products		0.034911	0.000399	0.000760	0.002783	0.000110	0.000632	0.013748	0.131336	0.003400	0.002081
44	Beverages		0.029123	0.000324	0.000554	0.002344	0.000073	0.000452	0.010223	0.115129	0.002881	0.002821
45	Tobacco products		0.000153	0.000002	0.000007	0.000010	0.000001	0.000005	0.000397	0.000410	0.000013	0.000007
46	Khadi, cotton textiles(handlooms)		0.024193	0.000319	0.000732	0.000520	0.000215	0.000517	0.010068	0.007982	0.000991	0.000520
47	Cotton textiles		0.011255	0.000170	0.000393	0.000291	0.000097	0.000269	0.004677	0.006361	0.000564	0.000290
48	Woolen textiles		0.041267	0.000244	0.000570	0.000573	0.000243	0.000433	0.008870	0.005308	0.000805	0.000420
49	Silk textiles		0.018636	0.000334	0.000783	0.000613	0.000212	0.000594	0.007629	0.008762	0.001136	0.000675
50	Art silk, synthetic fiber textiles		0.025921	0.000352	0.000862	0.000585	0.000239	0.000772	0.011270	0.006795	0.001038	0.001158
51	Jute, hemp, mesta textiles		0.039525	0.000720	0.001795	0.002801	0.005187	0.002040	0.084222	0.029219	0.003335	0.001393
52	Carpet weaving		0.001141	0.000018	0.000063	0.000101	0.000012	0.000058	0.000868	0.001449	0.000137	0.000071
53	Readymade garments		0.014373	0.000923	0.002009	0.000838	0.000234	0.001052	0.005657	0.029331	0.002797	0.001368
54	Miscellaneous textile products		0.190815	0.000836	0.001578	0.002340	0.001589	0.001788	0.024943	0.011469	0.002624	0.001406
55	Furniture and fixtures-wooden		0.029128	0.003033	0.005961	0.001845	0.000213	0.005499	0.017632	0.043991	0.010946	0.006669
56	Wood and wood products		0.027351	0.000787	0.001953	0.002592	0.001711	0.002948	0.046499	0.017164	0.004523	0.001865
57	Paper, paper prods. & newsprint		0.121274	0.001812	0.004433	0.028742	0.002131	0.014975	0.142650	0.063038	0.029067	0.021151
58	Printing and publishing		0.079584	0.001166	0.002111	0.030260	0.000364	0.009787	0.188643	0.021366	0.027888	0.024256
59	Leather footwear		0.008108	0.000106	0.000182	0.000133	0.000018	0.000110	0.001416	0.000540	0.000138	0.000073
60	Leather and leather products		0.041280	0.000500	0.001716	0.001071	0.000185	0.001451	0.036691	0.005187	0.001384	0.000816
61	Rubber products		0.332417	0.001581	0.003614	0.004699	0.000196	0.003122	0.037340	0.010463	0.004981	0.003052
62	Plastic products		0.082452	0.002188	0.023527	0.007172	0.000659	0.005923	0.039794	0.012363	0.004019	0.001774
63	Petroleum products		0.357189	0.001817	0.007172	0.005502	0.000467	0.005648	0.060839	0.021194	0.007062	0.003685
64	Coal tar products		0.036373	0.000910	0.001980	0.002076	0.000445	0.004758	0.026448	0.011677	0.006097	0.001487
65	Inorganic heavy chemicals		0.102968	0.003987	0.007562	0.005266	0.001035	0.006972	0.058399	0.031560	0.006547	0.003649
66	Organic heavy chemicals		0.086745	0.003206	0.009371	0.004370	0.000698	0.005542	0.056928	0.023419	0.004903	0.003066
67	Fertilizers		0.115348	0.001222	0.002922	0.003475	0.000350	0.002393	0.036213	0.085439	0.004339	0.002217

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	110	111	112	113	114	115	116	117	118	119
68	Pesticides		0.064432	0.002442	0.004810	0.003165	0.006096	0.002977	0.037876	0.035027	0.003666	0.002002
69	Paints, varnishes and lacquers		0.067010	0.034295	0.027513	0.007634	0.000275	0.003062	0.028473	0.010836	0.005043	0.002064
70	Drugs and medicines		0.005830	0.000164	0.000486	0.000315	0.000054	0.000710	0.010635	0.003566	0.000508	0.001878
71	Soaps, cosmetics & glycerin		0.006473	0.000300	0.003357	0.000414	0.000056	0.000331	0.005338	0.008446	0.000582	0.000288
72	Synthetic fibers, resin		0.144613	0.003036	0.012406	0.005281	0.000632	0.008339	0.061711	0.016912	0.006159	0.003039
73	Other chemicals		0.131474	0.003454	0.013431	0.005831	0.000797	0.006812	0.063479	0.026508	0.007428	0.003935
74	Structural clay products		0.015271	0.000273	0.001055	0.001137	0.000234	0.001477	0.008913	0.007163	0.003897	0.000486
75	Cement		0.015109	0.000266	0.001028	0.001105	0.000212	0.001487	0.008637	0.006957	0.003775	0.000481
76	Other non-metallic mineral prods.		0.035520	0.000463	0.001255	0.001378	0.000182	0.004646	0.013133	0.009446	0.003655	0.000845
77	Iron, steel and ferro alloys		0.047506	0.001662	0.001896	0.001801	0.000353	0.006877	0.041040	0.009558	0.004554	0.001881
78	Iron and steel casting & forging		0.045092	0.001222	0.001854	0.001587	0.000305	0.006266	0.042057	0.008839	0.004007	0.001916
79	Iron and steel foundries		0.030608	0.000883	0.001433	0.001401	0.000266	0.004301	0.026626	0.007570	0.003860	0.001280
80	Non-ferrous basic metals		0.111013	0.002849	0.004585	0.003874	0.000714	0.019380	0.092073	0.020104	0.009670	0.004332
81	Hand tools, hardware		0.198180	0.002383	0.002704	0.003557	0.000336	0.004364	0.301376	0.021136	0.005407	0.003407
82	Miscellaneous metal products		0.041565	0.000872	0.001777	0.001634	0.000313	0.005938	0.030348	0.008157	0.005646	0.003532
83	Tractors and agri. implements		0.008716	0.000165	0.000253	0.000306	0.000044	0.000692	0.004801	0.006053	0.000562	0.000276
84	Industrial machinery(F & T)		0.039129	0.000540	0.000958	0.001031	0.000319	0.002271	0.022731	0.013846	0.002014	0.001047
85	Industrial machinery(others)		0.123042	0.001248	0.003498	0.002920	0.000381	0.004039	0.037180	0.013902	0.004283	0.002179
86	Machine tools		0.055848	0.001189	0.001481	0.001650	0.000352	0.004520	0.051310	0.009180	0.003341	0.001943
87	Other non-electrical machinery		0.131851	0.001647	0.002140	0.002621	0.001102	0.006000	0.045637	0.020219	0.005368	0.002814
88	Electrical industrial Machinery		0.019882	0.000723	0.001057	0.001421	0.000447	0.006398	0.018149	0.005798	0.003833	0.001406
89	Electrical wires & cables		0.082723	0.004171	0.002675	0.002018	0.000198	0.014115	0.020047	0.007942	0.005045	0.001417
90	Batteries		0.671381	0.002430	0.004413	0.010255	0.000390	0.014415	0.070928	0.021312	0.012878	0.006667
91	Electrical appliances		0.018936	0.000613	0.003836	0.000993	0.000097	0.007314	0.016692	0.010840	0.003201	0.002191
92	Communication equipments		0.084338	0.005435	0.006081	0.012692	0.000393	0.413419	0.065623	0.026289	0.039001	0.014147
93	Other electrical Machinery		0.068854	0.002660	0.003272	0.005070	0.000597	0.041306	0.066172	0.021520	0.014188	0.005106
94	Electronic equipments(incl.TV)		0.064311	0.005079	0.005481	0.015993	0.000450	0.031656	0.054639	0.036971	0.056474	0.012639
95	Ships and boats		0.326689	1.020771	0.010312	0.017965	0.021514	0.016845	0.185915	0.109273	0.038673	0.093291
96	Rail equipments		0.055576	0.000910	0.002151	0.003411	0.000426	0.005760	0.032890	0.011308	0.011385	0.005247
97	Motor vehicles		0.104274	0.000436	0.000939	0.003602	0.000120	0.002483	0.025913	0.004576	0.002981	0.004923
98	Motor cycles and scooters		0.016335	0.000199	0.000423	0.000631	0.000069	0.000809	0.016205	0.002475	0.016830	0.006886
99	Bicycles, cycle-rickshaw		0.007433	0.000146	0.000368	0.000335	0.000089	0.001036	0.007197	0.001355	0.003741	0.001448
100	Other transport equipments		0.034289	0.000418	0.002659	0.001531	0.000153	0.001365	0.020529	0.011077	0.002027	0.000955

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	110	111	112	113	114	115	116	117	118	119
101	Watches and clocks		0.042732	0.001940	0.007758	0.001907	0.000335	0.006895	0.048766	0.009793	0.005268	0.002161
102	Medical, precision&optical instru.s		0.015649	0.000614	0.002407	0.000733	0.000114	0.002565	0.018781	0.003513	0.001840	0.003685
103	Jems & jewelry		0.002097	0.000083	0.000311	0.000089	0.000015	0.000321	0.007085	0.000621	0.000233	0.000091
104	Aircraft & spacecraft		0.174947	0.005644	1.355145	0.007184	0.000634	0.029415	0.104018	0.032517	0.045822	0.010258
105	Miscellaneous manufacturing		0.070993	0.001283	0.027016	0.002461	0.000677	0.005790	0.066624	0.019357	0.009771	0.002274
106	Construction		0.015303	0.000270	0.001058	0.001152	0.000202	0.001470	0.008613	0.007262	0.003978	0.000485
107	Electricity		0.084783	0.002003	0.004564	0.010251	0.004647	0.016127	0.077975	0.041933	0.025438	0.009347
108	Water supply		0.023732	0.007682	0.002180	0.000817	0.000268	0.001210	0.008024	0.012313	0.007825	0.001130
109	Railway transport services		0.065311	0.001002	0.002341	0.004834	0.000609	0.005399	0.030864	0.015412	0.016835	0.007753
110	Land tpt including via pipeline		1.051484	0.001689	0.004297	0.009236	0.000376	0.003731	0.076157	0.025457	0.008303	0.004169
111	Water transport		0.117464	1.000824	0.002831	0.002883	0.000294	0.002717	0.028374	0.048359	0.004182	0.002177
112	Air transport		0.063880	0.001327	1.002401	0.003060	0.000301	0.007218	0.038742	0.016711	0.029785	0.005876
113	Supporting and aux. tpt activities		0.058844	0.000819	0.002137	1.004069	0.000340	0.002853	0.027881	0.034378	0.004049	0.002371
114	Storage and warehousing		0.105118	0.001755	0.003025	0.022686	1.000355	0.003606	0.975592	0.050588	0.004636	0.002230
115	Communication		0.118118	0.003475	0.009273	0.023321	0.000334	1.030555	0.067961	0.022569	0.074983	0.029203
116	Trade		0.076668	0.001281	0.002464	0.002592	0.000314	0.003155	1.027167	0.045166	0.003985	0.001892
117	Hotels and restaurants		0.244066	0.001494	0.002814	0.020287	0.000452	0.002719	0.076549	1.052247	0.024666	0.011353
118	Banking		0.068744	0.001352	0.002779	0.005906	0.000605	0.004783	0.145709	0.038271	1.041796	0.005579
119	Insurance		0.115185	0.004675	0.006015	0.014708	0.001587	0.007491	0.112304	0.031982	0.041772	1.012493
120	Ownership of dwellings		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.003570	0.000267	0.002490	0.000205	0.000027	0.004590	0.001542	0.000557	0.000597	0.000221
122	Medical and health		0.001402	0.000045	0.000120	0.000152	0.000022	0.001080	0.001104	0.000384	0.000462	0.004532
123	Business services		0.259290	0.002884	0.004659	0.012839	0.000839	0.008759	0.128522	0.023260	0.018564	0.003557
124	Computer & related activities		0.008018	0.000430	0.002115	0.000839	0.000326	0.000884	0.009545	0.003111	0.002235	0.000367
125	Legal services		0.051405	0.001612	0.002547	0.018601	0.001372	0.006103	0.055857	0.013792	0.010597	0.003750
126	Real estate activities		0.045540	0.002055	0.000906	0.002311	0.000162	0.002921	0.022638	0.004757	0.003623	0.000688
127	Renting of machinery & equipment		0.125743	0.005713	0.014998	0.003715	0.000235	0.013279	0.023826	0.009929	0.005947	0.002512
128	O.com, social&personal services		0.026016	0.000474	0.001285	0.005351	0.000156	0.005351	0.014785	0.009427	0.007677	0.000924
129	Other services		0.077920	0.001256	0.002809	0.002152	0.000638	0.003434	0.022130	0.014987	0.003404	0.002165
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	120	121	122	123	124	125	126	127	128	129	130
1	Paddy		0.000076	0.001163	0.003644	0.001809	0.001117	0.000086	0.000198	0.000028	0.000458	0.000070	0.000000
2	Wheat		0.000081	0.001333	0.003818	0.001866	0.001161	0.000090	0.000203	0.000035	0.000493	0.000084	0.000000
3	Jowar		0.000053	0.000666	0.002511	0.001401	0.000849	0.000065	0.000155	0.000086	0.000350	0.000060	0.000000
4	Bajra		0.000057	0.000721	0.002804	0.001566	0.000950	0.000072	0.000173	0.000111	0.000390	0.000068	0.000000
5	Maize		0.000043	0.000531	0.003236	0.001098	0.000706	0.000052	0.000120	0.000030	0.000287	0.000076	0.000000
6	Gram		0.000105	0.000947	0.002908	0.001393	0.000890	0.000083	0.000137	0.000032	0.000533	0.000115	0.000000
7	Pulses		0.000163	0.002961	0.010809	0.005751	0.003462	0.000259	0.000645	0.000075	0.001287	0.000162	0.000000
8	Sugarcane		0.000213	0.002497	0.018564	0.004945	0.003392	0.000242	0.000537	0.000495	0.001307	0.000455	0.000000
9	Groundnut		0.000089	0.000950	0.003860	0.002024	0.001269	0.000099	0.000220	0.000042	0.000570	0.000105	0.000000
10	Coconut		0.000150	0.000464	0.001963	0.000957	0.000664	0.000047	0.000099	0.000020	0.000305	0.000068	0.000000
11	Other oilseeds		0.000112	0.001243	0.006775	0.002611	0.001691	0.000127	0.000284	0.000061	0.000724	0.000173	0.000000
12	Jute		0.002421	0.001962	0.007766	0.002863	0.004358	0.000192	0.000142	0.000100	0.001948	0.000683	0.000000
13	Cotton		0.000143	0.000999	0.003761	0.001362	0.001044	0.000143	0.000074	0.000021	0.001133	0.000365	0.000000
14	Tea		0.000169	0.002080	0.007272	0.004707	0.002823	0.000212	0.000525	0.000116	0.001071	0.000155	0.000000
15	Coffee		0.000146	0.001784	0.005875	0.004058	0.002422	0.000183	0.000452	0.000101	0.000924	0.000126	0.000000
16	Rubber		0.000910	0.003211	0.007544	0.003332	0.003432	0.000330	0.000131	0.000176	0.004098	0.001007	0.000000
17	Tobacco		0.000007	0.000036	0.000220	0.000067	0.000049	0.000004	0.000007	0.000019	0.000026	0.000009	0.000000
18	Fruits		0.000144	0.001304	0.006922	0.002726	0.001766	0.000131	0.000293	0.000241	0.000823	0.000197	0.000000
19	Vegetables		0.000064	0.001124	0.003486	0.002601	0.001510	0.000114	0.000294	0.000030	0.000549	0.000059	0.000000
20	Other crops		0.000559	0.004481	0.012954	0.004803	0.003216	0.000320	0.000447	0.000086	0.002059	0.000458	0.000000
21	Milk and milk products		0.000103	0.001921	0.006874	0.003822	0.002289	0.000170	0.000430	0.000054	0.000843	0.000111	0.000000
22	Animal services(agricultural)		0.000191	0.001818	0.006445	0.002765	0.001793	0.000153	0.000283	0.000066	0.000916	0.000197	0.000000
23	Poultry & Eggs		0.000156	0.002809	0.008778	0.006496	0.003771	0.000285	0.000736	0.000071	0.001361	0.000145	0.000000
24	Other liv.st. produ.		0.000324	0.002416	0.008350	0.006054	0.003203	0.000395	0.000554	0.000091	0.002664	0.000597	0.000000
25	Forestry and logging		0.003312	0.002380	0.006248	0.005301	0.003282	0.000273	0.000209	0.000089	0.002430	0.001295	0.000000
26	Fishing		0.000063	0.000585	0.002950	0.001229	0.000787	0.000059	0.000132	0.000039	0.000356	0.000082	0.000000
27	Coal and lignite		0.005878	0.003927	0.010445	0.011538	0.018373	0.001916	0.000423	0.000675	0.008242	0.003519	0.000000
28	Natural gas		0.006154	0.008031	0.026268	0.012062	0.019019	0.001975	0.000522	0.000817	0.008780	0.003802	0.000000
29	Crude petroleum		0.009811	0.033473	0.063302	0.022114	0.029726	0.003176	0.001095	0.001158	0.018630	0.006750	0.000000
30	Iron ore		0.002212	0.000998	0.001790	0.002708	0.002947	0.000179	0.000077	0.000108	0.002512	0.000684	0.000000
31	Manganese ore		0.007448	0.003482	0.006613	0.009368	0.010132	0.000617	0.000269	0.000383	0.008697	0.002403	0.000000
32	Bauxite		0.003054	0.001525	0.003382	0.004572	0.004741	0.000287	0.000123	0.000169	0.004081	0.001235	0.000000
33	Copper ore		0.058393	0.039239	0.094332	0.141302	0.134486	0.009326	0.003900	0.004936	0.129771	0.038268	0.000000
34	Other metallic minerals		0.002475	0.001662	0.004554	0.006359	0.005924	0.000379	0.000162	0.000211	0.005343	0.001659	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	120	121	122	123	124	125	126	127	128	129	130
35	Lime stone		0.009690	0.002779	0.005149	0.003695	0.006253	0.000139	0.000077	0.000198	0.002015	0.000843	0.000000
36	Mica		0.071025	0.027930	0.060879	0.088138	0.091551	0.003708	0.001779	0.002668	0.064048	0.023571	0.000000
37	Other non metallic minerals		0.008602	0.002645	0.004949	0.003915	0.006025	0.000153	0.000090	0.000211	0.002666	0.000924	0.000000
38	Sugar		0.000141	0.001472	0.009196	0.003047	0.001989	0.000143	0.000331	0.000192	0.000794	0.000228	0.000000
39	Khandsari, boora		0.000213	0.003116	0.015873	0.006681	0.004151	0.000303	0.000743	0.000734	0.001594	0.000358	0.000000
40	Hydrogenated oil(vanaspati)		0.000253	0.004264	0.013702	0.009809	0.005733	0.000434	0.001108	0.000126	0.002107	0.000247	0.000000
41	Edible oils other than vanaspati		0.000108	0.001292	0.005545	0.002777	0.001707	0.000131	0.000304	0.000049	0.000727	0.000139	0.000000
42	Tea and coffee processing		0.000126	0.002245	0.006884	0.005198	0.003014	0.000228	0.000589	0.000059	0.001088	0.000113	0.000000
43	Miscellaneous food products		0.000241	0.002033	0.010114	0.004305	0.002748	0.000206	0.000466	0.000168	0.001129	0.000275	0.000000
44	Beverages		0.000133	0.001670	0.006417	0.003657	0.002233	0.000167	0.000404	0.000160	0.000891	0.000153	0.000000
45	Tobacco products		0.000002	0.000009	0.000080	0.000016	0.000012	0.000001	0.000002	0.000004	0.000006	0.000003	0.000000
46	Khadi, cotton textiles(handlooms)		0.000114	0.000863	0.003379	0.000902	0.000929	0.000089	0.000054	0.000016	0.000753	0.000217	0.000000
47	Cotton textiles		0.000057	0.000457	0.001803	0.000712	0.000520	0.000072	0.000041	0.000009	0.000533	0.000213	0.000000
48	Woolen textiles		0.000179	0.000770	0.002008	0.000659	0.001258	0.000065	0.000036	0.000032	0.000597	0.000158	0.000000
49	Silk textiles		0.000130	0.000825	0.003085	0.000835	0.000955	0.000083	0.000052	0.000017	0.000648	0.000192	0.000000
50	Art silk, synthetic fiber textiles		0.000165	0.000830	0.003004	0.001106	0.001135	0.000103	0.000056	0.000023	0.001217	0.000293	0.000000
51	Jute, hemp, mesta textiles		0.003235	0.002286	0.009223	0.003402	0.003847	0.000210	0.000168	0.000128	0.002199	0.000804	0.000000
52	Carpet weaving		0.000010	0.000057	0.000152	0.000123	0.015511	0.000012	0.000008	0.000003	0.000061	0.000028	0.000000
53	Readymade garments		0.000166	0.001939	0.008103	0.001221	0.001967	0.000097	0.000114	0.000025	0.000467	0.000186	0.000000
54	Miscellaneous textile products		0.000468	0.003826	0.012091	0.004937	0.003118	0.000573	0.000238	0.000072	0.004328	0.001207	0.000000
55	Furniture and fixtures-wooden		0.000426	0.010121	0.036456	0.037198	0.006456	0.000828	0.001515	0.000096	0.010227	0.008605	0.000000
56	Wood and wood products		0.004728	0.002563	0.009686	0.004485	0.004618	0.000267	0.000169	0.000139	0.003203	0.001196	0.000000
57	Paper, paper prods. & newsprint		0.001614	0.008182	0.016277	0.014742	0.008376	0.002190	0.000821	0.000225	0.008653	0.003897	0.000000
58	Printing and publishing		0.000972	0.015915	0.015680	0.005394	0.012098	0.003208	0.000485	0.000101	0.004239	0.002035	0.000000
59	Leather footwear		0.000039	0.000150	0.000853	0.000112	0.000135	0.000012	0.000005	0.000005	0.000121	0.000045	0.000000
60	Leather and leather products		0.000268	0.000926	0.002719	0.001690	0.001650	0.000124	0.000060	0.000054	0.002090	0.000452	0.000000
61	Rubber products		0.000666	0.003942	0.004557	0.002509	0.002895	0.000279	0.000101	0.000107	0.002405	0.000707	0.000000
62	Plastic products		0.001406	0.002205	0.009624	0.004172	0.003855	0.000444	0.000156	0.000153	0.005351	0.001286	0.000000
63	Petroleum products		0.001382	0.005076	0.007773	0.003258	0.004395	0.000484	0.000162	0.000170	0.002761	0.000973	0.000000
64	Coal tar products		0.010483	0.003159	0.004612	0.005233	0.008388	0.000340	0.000125	0.000278	0.003236	0.001244	0.000000
65	Inorganic heavy chemicals		0.002298	0.004717	0.032484	0.006116	0.006381	0.000565	0.000268	0.000335	0.005417	0.002270	0.000000
66	Organic heavy chemicals		0.001353	0.009724	0.115709	0.005852	0.008042	0.000497	0.000254	0.000247	0.005689	0.003657	0.000000
67	Fertilizers		0.000876	0.003595	0.015821	0.004354	0.003879	0.000318	0.000354	0.000383	0.002307	0.000788	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	120	121	122	123	124	125	126	127	128	129	130
68	Pesticides		0.001117	0.003408	0.028187	0.003969	0.003904	0.000333	0.000219	0.000152	0.002852	0.001458	0.000000
69	Paints, varnishes and lacquers		0.004500	0.002717	0.005037	0.003883	0.004643	0.000501	0.000136	0.000144	0.002926	0.000943	0.000000
70	Drugs and medicines		0.000106	0.009462	0.379529	0.002166	0.012846	0.000263	0.000111	0.000022	0.001544	0.008270	0.000000
71	Soaps, cosmetics & glycerin		0.000095	0.000368	0.003243	0.000615	0.000523	0.000067	0.000042	0.000016	0.000479	0.000447	0.000000
72	Synthetic fibers, resin		0.001446	0.003460	0.012637	0.006496	0.006341	0.000540	0.000229	0.000240	0.010677	0.002149	0.000000
73	Other chemicals		0.002087	0.004048	0.020632	0.009093	0.007185	0.000790	0.000383	0.000281	0.006554	0.003132	0.000000
74	Structural clay products		0.009704	0.002445	0.002366	0.002957	0.005599	0.000075	0.000049	0.000171	0.001229	0.000589	0.000000
75	Cement		0.009327	0.002357	0.002281	0.002876	0.005406	0.000074	0.000048	0.000165	0.001219	0.000576	0.000000
76	Other non-metallic mineral prods.		0.006348	0.002058	0.002851	0.003665	0.004694	0.000185	0.000092	0.000153	0.002326	0.000881	0.000000
77	Iron, steel and ferro alloys		0.004464	0.002016	0.003476	0.005403	0.005904	0.000346	0.000151	0.000218	0.005093	0.001322	0.000000
78	Iron and steel casting & forging		0.002306	0.001634	0.003585	0.004925	0.004706	0.000327	0.000150	0.000182	0.004916	0.001286	0.000000
79	Iron and steel foundries		0.005270	0.001883	0.002908	0.004194	0.005417	0.000218	0.000102	0.000174	0.003204	0.000989	0.000000
80	Non-ferrous basic metals		0.005242	0.003639	0.008374	0.011667	0.011387	0.000789	0.000338	0.000448	0.011935	0.003177	0.000000
81	Hand tools, hardware		0.001179	0.003200	0.006112	0.005532	0.006600	0.000476	0.000191	0.000230	0.003929	0.001220	0.000000
82	Miscellaneous metal products		0.003609	0.001801	0.003797	0.006131	0.005096	0.000474	0.000193	0.000192	0.004541	0.001526	0.000000
83	Tractors and agri. implements		0.000106	0.000278	0.000783	0.000672	0.000549	0.000048	0.000034	0.000022	0.000650	0.000152	0.000000
84	Industrial machinery(F & T)		0.000359	0.001019	0.003133	0.002119	0.002048	0.000161	0.000090	0.000092	0.001758	0.000489	0.000000
85	Industrial machinery(others)		0.001630	0.002666	0.011136	0.003179	0.003817	0.000354	0.000133	0.000142	0.002523	0.001010	0.000000
86	Machine tools		0.000669	0.001313	0.003235	0.003885	0.003824	0.000311	0.000118	0.000180	0.003367	0.000955	0.000000
87	Other non-electrical machinery		0.000838	0.002440	0.004846	0.004333	0.004381	0.000388	0.000164	0.000175	0.003944	0.001072	0.000000
88	Electrical industrial Machinery		0.000384	0.000710	0.002280	0.003692	0.004892	0.000530	0.000120	0.000190	0.003189	0.001133	0.000000
89	Electrical wires & cables		0.005179	0.002317	0.003457	0.005342	0.005930	0.000247	0.000118	0.000183	0.003366	0.001312	0.000000
90	Batteries		0.001301	0.007940	0.009141	0.008220	0.007863	0.000619	0.000238	0.002110	0.006654	0.002262	0.000000
91	Electrical appliances		0.000214	0.001007	0.002379	0.006158	0.002540	0.000557	0.000221	0.000082	0.004319	0.001864	0.000000
92	Communication equipments		0.001105	0.005413	0.016094	0.064525	0.037945	0.005025	0.002699	0.001805	0.090855	0.021901	0.000000
93	Other electrical Machinery		0.001006	0.002392	0.010778	0.022220	0.018372	0.001100	0.000429	0.000518	0.013395	0.006265	0.000000
94	Electronic equipments(incl.TV)		0.001241	0.003935	0.049964	0.109640	0.082346	0.001094	0.000512	0.001378	0.017848	0.019235	0.000000
95	Ships and boats		0.004400	0.016032	0.046170	0.666352	0.073414	0.085061	0.032211	0.002779	0.560349	0.152711	0.000000
96	Rail equipments		0.001395	0.001627	0.005030	0.004189	0.006320	0.000319	0.000122	0.000268	0.003709	0.001055	0.000000
97	Motor vehicles		0.000338	0.001915	0.002516	0.005866	0.004611	0.000144	0.000044	0.000136	0.001053	0.000422	0.000000
98	Motor cycles and scooters		0.000321	0.000639	0.000860	0.001543	0.007839	0.000496	0.000063	0.000905	0.000823	0.000772	0.000000
99	Bicycles, cycle-rickshaw		0.000246	0.000578	0.002121	0.000687	0.091462	0.000061	0.000020	0.000035	0.000477	0.000281	0.000000
100	Other transport equipments		0.000263	0.001051	0.002163	0.029956	0.120468	0.022685	0.001965	0.000126	0.003919	0.028029	0.000000

MATRIX 7 : LEONTIEF INVERSE MATRIX (COMMODITY X COMMODITY) - 2007-08

Sector/ Code	Commodity	Commodity	120	121	122	123	124	125	126	127	128	129	130
101	Watches and clocks		0.000765	0.002128	0.006583	0.008557	0.008091	0.000424	0.000245	0.000159	0.027968	0.003440	0.000000
102	Medical, precision&optical instru.s		0.000361	0.000761	0.003921	0.002732	0.002632	0.000143	0.000078	0.000056	0.007717	0.001074	0.000000
103	Jems & jewelry		0.000047	0.000097	0.000253	0.000369	0.000349	0.000019	0.000011	0.000008	0.001104	0.000141	0.000000
104	Aircraft & spacecraft		0.003007	0.009930	0.019858	0.030776	0.022872	0.012407	0.001431	0.610385	0.026170	0.017719	0.000000
105	Miscellaneous manufacturing		0.001501	0.005602	0.010256	0.015182	0.019026	0.000682	0.000555	0.000244	0.102690	0.007121	0.000000
106	Construction		0.009975	0.002500	0.002359	0.003006	0.005725	0.000074	0.000049	0.000175	0.001204	0.000584	0.000000
107	Electricity		0.002271	0.003970	0.012846	0.014508	0.037454	0.004943	0.000709	0.001377	0.006083	0.005561	0.000000
108	Water supply		0.001466	0.001311	0.002240	0.001265	0.042293	0.000133	0.000064	0.000065	0.000627	0.000304	0.000000
109	Railway transport services		0.001953	0.002127	0.007049	0.005252	0.008815	0.000388	0.000143	0.000161	0.004032	0.001252	0.000000
110	Land tpt including via pipeline		0.001341	0.010910	0.009268	0.004010	0.005065	0.000556	0.000196	0.000179	0.004622	0.000987	0.000000
111	Water transport		0.001459	0.002589	0.006504	0.003401	0.003559	0.000307	0.000227	0.000142	0.002659	0.000702	0.000000
112	Air transport		0.001455	0.005545	0.011691	0.018043	0.011497	0.008891	0.000895	0.000187	0.004596	0.001559	0.000000
113	Supporting and aux. tpt activities		0.001631	0.002369	0.011157	0.003958	0.004029	0.000335	0.000209	0.000117	0.003041	0.001009	0.000000
114	Storage and warehousing		0.001724	0.002840	0.009283	0.004395	0.004620	0.000354	0.000254	0.000155	0.002961	0.000938	0.000000
115	Communication		0.001417	0.009767	0.018914	0.031418	0.024492	0.000898	0.001984	0.000396	0.018415	0.018428	0.000000
116	Trade		0.001620	0.002394	0.008413	0.004034	0.004205	0.000307	0.000228	0.000140	0.002732	0.000857	0.000000
117	Hotels and restaurants		0.000768	0.013912	0.042439	0.032243	0.018674	0.001412	0.003657	0.000346	0.006729	0.000691	0.000000
118	Banking		0.009461	0.016916	0.012132	0.013499	0.022837	0.002403	0.000649	0.000903	0.018524	0.006448	0.000000
119	Insurance		0.001917	0.008361	0.007459	0.005602	0.014785	0.000545	0.000251	0.000282	0.005152	0.001538	0.000000
120	Ownership of dwellings		1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
121	Education and research		0.000059	1.006027	0.002709	0.000325	0.035049	0.000041	0.000015	0.000010	0.000185	0.000128	0.000000
122	Medical and health		0.000030	0.000077	1.000152	0.000150	0.031859	0.000009	0.000005	0.000005	0.000098	0.000051	0.000000
123	Business services		0.002893	0.009640	0.007384	1.169098	0.100991	0.001781	0.000455	0.001169	0.051353	0.003305	0.000000
124	Computer & related activities		0.000127	0.000452	0.001392	0.001707	1.029507	0.000083	0.000036	0.000080	0.000814	0.000537	0.000000
125	Legal services		0.001089	0.003401	0.011901	0.115677	0.042870	1.032822	0.085838	0.001651	0.019230	0.011499	0.000000
126	Real estate activities		0.001479	0.001888	0.001513	0.197319	0.017619	0.000309	1.106454	0.000215	0.008799	0.000639	0.000000
127	Renting of machinery & equipment		0.001440	0.003356	0.004177	0.005135	0.007958	0.000430	0.000212	1.014615	0.027372	0.024247	0.000000
128	O.com, social&personal services		0.000390	0.001025	0.009931	0.007933	0.007293	0.001493	0.002941	0.000401	1.036616	0.003852	0.000000
129	Other services		0.000872	0.004164	0.006091	0.003634	0.003941	0.001299	0.000942	0.000411	0.004764	1.117770	0.000000
130	Public administration		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000

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ABBREVIATIONS

AIDIS	All India Debt and Investment Survey
ASI	Annual Survey of Industries
ASICC	Annual Survey of Industries Commodity Codes
C	Product Mix Matrix
C.I.F	Cost, Insurance and Freight
CBRI	Central Building Research Institute
CCS	Cost of Cultivation Studies
CIS	Change in Stocks
CSO	Central Statistical Office
D	Market Share Matrix
DE	Directory Establishment
DES	Directorate of Economics & Statistics
DESA	Directorate of Economics & Statistics, Ministry of Statistics
DGCA	Directorate General of Civil Aviation
DGCI&S	Directorate General of Commercial Intelligence & Statistics
DGS&D	Directorate General of Supply & Disposal
DME	Directory Manufacturing Establishments
DPD	Data Processing Division
DTE	Directory Trading Establishment
ECD	Economic Census Division
EXP	Export
F.o.b.	Free on Board
FCI	Food Corporation of India
GDP	Gross Domestic Product
GFCE	Government Final Consumption Expenditure
GFCF	Gross Fixed Capital Formation
GVA	Gross Value Added
IAAI	International Airport Authority of India
IASRI	Indian Agricultural Statistics Research Institute
IBM	Indian Bureau of Mines
ICD	Intensive Cattle Development
IIM	Indian Institute of Management
IIUSE	Inter-Industry Use
IMP	Import of Goods and Services
IOT	Input Output Table
KVIC	Khadi and Village Industries Commission
LPG	Liquefied Petroleum Gas
MAS	Monthly Abstract of Statistics
NABARD	National Bank of Agriculture and Rural Development
NAD	National Accounts Division
NAS	National Accounts Statistics
NDE	Non-Directory Establishments
NDTE	Non-Directory Trading Establishments
NIC	National Industrial Classification
NIT	Net Indirect Taxes
NSS	National Sample Survey

NSSO	National Sample Survey Office
OAE	Own Account Enterprises
OTH	Other Services Including Financial Services
P	Primary
PAD	Public Administration and Defence
PFCE	Private Final Consumption Expenditure
RBI	Reserve Bank of India
DRD	Secondary
TFUS	Total Final Use
TR	Transport, Communication and Trade
UN	United Nations