

APPENDIX 3

SECTOR SPECIFICATION FOR THE INPUT-OUTPUT TRANSACTIONS, 1993-94

IOTT Sector number	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	Jute	Raw jute
011	Cotton	Raw cotton
012	Tea	Tea plantation
013	Coffee	Coffee plantation
014	Rubber	Rubber plantation
015	Coconut	Coconut, copra
016	Tobacco	Tobacco plantation
017	Other crops	Other cereals and their milling, sesamum, rape and mustard, linseed, castor, mesta, sannhemp, dry chillies, black pepper, dry ginger, turmeric, indigo, opium, potato, sweet potato, tapioca, banana, cashewnut, arecanut, cardamom, citrus fruits, grapes, mangoes, other fibbers, other oilseeds, other sugars, other dyes and tanning materials, other drugs and narcotics, other condiments and spices, other fruits and vegetables, fodder, grass, rice bran, rice husk, straw

IOTT Sector number	Name	Specification
018	Milk and milk products	and stalks, badges, cane trash and miscellaneous food and non-food crops. Milk consumed as such, ghee, butter, lassi
019	Animal Services (agri-cultural)	Agricultural animal services by rural bullocks and camels
020	Other livestock products	Production of meat, mutton, pork and glands, other meat products, raw hides and skins, animal hair, bristles, wool, eggs, poultry meat, honey, silk worm cocoons, bones, horns, hoofs, dung fuel & manure, increment in livestock
021	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
022	Fishing	Rearing and catching of fish, seaweeds, shells, pearls, sponges etc. Fish curing viz; salting and sundrying of fish
023	Coal and lignite	Coal and lignite mining
024	Crude petroleum, natural gas	Crude petroleum, natural gas
025	Iron ore	Iron ore mining
026	Manganese ore	Manganese ore mining
027	Bauxite	Bauxite mining
028	Copper ore	Copper ore mining
029	Other metallic minerals	Chromite, lead and zinc ore, silver ores, gold ores, ilmenite and rutile
030	Lime stone	Lime stone mining
031	Mica	Mica mining
032	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

IOTT Sector number	Name	Specification
		and quarrying, sand and stone quarrying, mining of clay, sandpits, chemical and fertilizer, mineral mining, precious and semi precious stone mining
033	Sugar	Manufacture and refining of sugar
034	Khandsari, boora	Boora, candy and khandsari
035	Hydrogenated oil (vanaspati)	Hydrogenated oils, vanaspati ghee
036	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	Tea and coffee processing	Blended and unblended black tea leaf grade, dust and waste, coffee curing, roasting and grinding
038	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	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	Tobacco products	Tobacco stemming, redrying, grading etc. And manufacture of bidi, cigars, cigarette, cheroots, cigarette tobacco, chewing tobacco, zarda and snuff
041	Khadi, cotton textiles in	Cotton spinning in charkha, khadi weaving and finishing of cotton textiles in handlooms

IOTT Sector number	Name	Specification
042	handlooms 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	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	Silk textiles	Spinning, weaving, finishing, printing, dyeing and bleaching of silk textiles
045	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 textiles
046	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	Carpet weaving	Weaving carpets, rugs, durries and others
048	Ready made garments and made up textile goods	Readymade garments, clothing and Tailoring, made up textile goods, curtains, bed covers, furnishings, mosquito nets
049	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	Furniture and fixtures-wooden	Wooden, bamboo, cane furniture and fixtures and repair of such furniture
051	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

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		and cork products and miscellaneous wood, bamboo and cane products
052	Paper, products and newsprint	paper and 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	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	Leather footwear	Manufacture and repair of leather footwear, leather-cum-rubber/plastic cloth footwear
055	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	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	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	Petroleum products	Products of petroleum refineries
059	Coal tar products	Coke and other coal tar products
060	Inorganic heavy chemicals	Basic heavy inorganic chemicals
061	Organic heavy chemicals	Basic heavy organic chemicals
062	Fertilizers	Inorganic, organic, mixed and other fertilizers

IOTT Sector number	Name	Specification
063	Pesticides	Insecticides, fungicides, weedicides and pesticides formulations
064	Paints, varnishes and lacquers	Paints, varnishes, lacquers and dyestuffs, waxes and polishes
065	Drugs and medicines	Drugs and medicines - allopathic, ayurvedic, unani, homoeopathic and others
066	Soaps, cosmetics, glycerine	Soaps, perfumes, cosmetics, toothpastes, soap in any form and other toilet aids, glycerine and detergents
067	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
068	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	Structural clay products	Structural clay products such as fire bricks, refractories, tiles and others
070	Cement	Cement
071	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 laster 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	Iron and steel ferro alloys	Iron and steel, special steel and ferro-alloys
073	Iron and steel casting and forging	Iron and steel castings and forgings
074	Iron and steel foundries	Iron and steel structurals, pipes, plates, wire drawings, tools and others
075	Non-ferrous basic	Melting, refining, rolling into basic forms, wire

IOTT Sector number	Name	Specification
076	metals (including alloys) Hand tools, hardware	drawings etc. Of non-ferrous basic metals and alloys H and tools, bolts, nuts, locks, metal chains, agricultural hand tools and implements, general hardware
077	Miscellaneous metal products	M etal 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	Tractors and other agricultural implements	T ractors and other agricultural machinery, equipment and implements
079	Industrial machinery for food and textile industries	R ice, dal, flour and oil mill machinery, sugar machinery, tea machinery, textile machinery and jute machinery
080	Industrial machinery (except food and textile)	P harmaceutical machinery, chemical machinery, paper machinery, mining machinery, cement machinery
081	Machine tools	A utomatic, 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, filing and cut-off machines, metal forming machinery and other metal work machine tools
082	Office computing and accounting machinery	C omputing and accounting, office copying machines, calculating machines, typewriters, duplicators, postal franking machines, addressing machines, weighing machines
083	Other non-electrical machinery	D rills, 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,

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		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	Electrical industrial machinery	Generators, transformers, switch gears, electric motors
085	Electrical cables, wires	Insulated cables and wires
086	Batteries	Storage batteries, dry cells
087	Electrical appliances	Electrical fans, lamps, flourescent tubes miniature lamps, household appliances like iron, heaters etc. And their repair services
088	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
089	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	Electronic equipment including TV	Manufacture of television sets, electronic computers, electronic control instruments, other parts and accessories
091	Ships and boats	Making of ships and other vessels drawn by power, boat building, and their repairing
092	Rail equipment	Manufacture of diesel locomotives, steam locomotives, electric locomotives, railway coaches, wagons, parts and accessories
093	Motor vehicles	Manufacture of motor cars, buses, trucks, jeeps, station wagons and parts and repair of motor vehicles
094	Motor cycles and scooters	Manufacture of motor cycles, scooters and scooterettes parts and accessories and their repair
095	Bicycles, cycle-rickshaw	Manufacture of cycles, cycle rickshaws and repair of bicycles and cycle-rickshaw
096	Other transport equipment	Manufacture of other rail-road equipment, tramway works, bullock carts, push-carts, hand-carts and

IOTT Sector number	Name	Specification
		transport equipment not elsewhere classified
097	Watches and clocks	Manufacture of clocks, table time pieces, watches and their parts and repair of watches and clocks
098	Miscellaneous manufacturing	Manufacture of surgical, medical, laboratory scientific and mathematical instruments water meters, steam meters and electricity meters, recording and regulating devices for pressure, temperature, weight, level etc. Photographic and optical goods (excluding photochemical, sensitised paper and film), jewellery and related articles, 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 and imitation jewellery novelties, lampshades, presentation articles, badges and others, manufacture of aircraft and parts and repair of enterprises not elsewhere classified
099	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	Electricity	Generation and transmission of electric energy and its distribution to households, industrial and commercial and other users
101	Gas	Manufacture of gas in gasworks and distribution through mains to household, industrial and commercial and other users, L.P.G., gobar gas
102	Water supply	Collection, purification and distribution of water
103	Railway transport services	Government railways and Private railways
104	Other transport services	Buses, tramways, trucks, taxis, auto-rickshaws, animal services, urban bullock, urban buffallo, horses and other animals drawn carts, cycles, hand pulled rickshaw and pack animals, shipping transport by boats, steamer, ferry etc. By canal or rivers and unorganised water transport by sea, air transport and services incidental to these transports

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105	Storage and warehousing	Warehousing, cold storage and storage and warehousing not elsewhere classified
106	Communication	Postal, telephones, telegraph services rendered by postal and telegraph department and overseas communication services
107	Trade	Wholesale and retail trade
108	Hotels and restaurants	Services rendered by hotels, boarding houses, eating houses, cafes, restaurants, canteen etc.
109	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	Insurance	Life insurance corporation, postal life insurance, employees state insurance and non-life insurance such as fire, marine, accidents etc.
111	Ownership of dwellings	Residential houses
112	Education and research	Education, scientific and research services
113	Medical and health	Medical and health services
114	Other services	Real estate, religious, legal, information & broadcasting, recreation and entertainment, domestic laundry, cleaning and dying, barbers and beauty shops and other personal services, sanitary services etc. Wrapping packing and filling of articles and information & broadcasting services
115	Public administration and defence	Public administration and defence

Notes:

1. Sectors 001 to 017 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 018 to 020 include breeding and rearing of animals and poultry including private veterinary services.
3. Sectors 023 to 032 include extraction, breaking, milling, washing, cleaning, grading and processing.
