6 Three-stage Supply Chains by Country

There are at least three different ways of analysing potential supply chains. First, supply chains can be analysed from the perspective of the number of times a country participates in different stages of the supply chain, either as an exporter of the final product or exporter/importer of stage I input or exporter/importer of primary inputs in the supply chains formed. The number of stages in all supply chains in which each of the four major countries in south Asia participates is reported in row 1 of Table 6.1.

Second, supply chains can be examined by tracking the flow of inputs leading to the final exported product. For example, if country X exports the final product (apparel, made-up, fabrics, etc.), it will import stage I inputs which are used in the production of the final products from country Y, and country Y, in turn, will import primary inputs used in the production of stage I inputs from country Z. To elaborate further, two unique supply chains are formed if, for exports of a particular product, country X imports one stage I input from country Y and country Y in turn imports two primary inputs from country Z for producing the stage I input. However, there would be four unique supply chains if country Y imports four different primary inputs for producing the stage I input.

In other words, under this perspective, supply chains can be analysed by taking an export product and tracking imports of its stage I inputs, and thereafter tracing imports of primary inputs used in the production of stage I inputs. It may be noted that under this perspective each supply chain represents a unique product—country combination for export of the final product, import of stage I inputs relevant to production of the final product and import of primary inputs relevant to the production of that stage I input. Row 2 of Table 6.1 reports the number of supply chains that can be formed in the region from

exports of final product from each country. The number of supply chains based on exports of the final products of a country that are formed should not be taken as an indicator of that country's potential to integrate into regional supply chains. A better indicator of this potential could be the number of times a country can participates in different stages of all supply chains.

The third perspective examines the number of unique HS 6-digit tariff lines involved in the participation of a particular country in different stages of all the unique supply chains as an importer, i.e. (i) as an importer of stage I inputs linked to the final product; and (ii) as an importer of primary inputs linked to those stage I inputs which can be exported by that country. Row 3 of Table 6.1 reports the number of unique tariff lines each country can import from the region in the potential supply chains.

Table 6.1 presents the three different ways described above of analysing the potential supply chains formed using the stated methodology. In addition, it also reports the number of unique final products which a country can export (row 4); inputs that may be imported as stage I inputs from the region (row 5); and number of unique primary inputs that a country may import for production of stage I inputs (row 6).

The number of stages of a country's participation in all supply chains (i.e. the number of times it appears in the potential supply chains either as an exporter of final product or exporter/importer of stage I input or exporter/importer of primary inputs) is reported in row 1 of Table 6.1. India participates in the maximum number of stages in the identified supply chains, which is 1,032; followed by Pakistan (795), Sri Lanka (418) and Bangladesh (245). From this perspective, the more diverse the range of inputs of the T&C sector exported/imported by a country, the higher will be its participation in different stages of the potential supply chains.

From the second perspective of export of final product, the details are reported in row 2 of Table 6.1. The final product identified for global exports forms 109 supply chains in Bangladesh, 212 in India, 67 in Pakistan and 363 in Sri Lanka.

Table 6.1. Number of potential 3-stage supply chains and potential import and export products

	Bangladesh	India	Pakistan	Sri Lanka
Number of stages a country participates in 3-stage and 2-stage supply chains (1)	245	1,032	795	418
Number of potential 3-stage supply chains formed by export of final product (2)	109	212	67	363
Total number of unique 6-digit tariff lines of imports in the potential 3-stage and 2-stage supply chains (3)	65	38	117	36
Number of unique 6-digit tariff lines identified as potential final product for exports in 3-stage and 2-stage supply chains (4)	d 15	37	29	8
Number of unique 6-digit tariff lines identified as potential imports of stage I inputs in 3-stage and 2-stage supply chains (5)	d 19	25	27	34
Number of unique 6-digit tariff lines identified as potential imports of primary inputs in 3-stage supply chains (6)	d 47	19	103	2

A plausible reason for the lower number of potential supply chains formed for Pakistan is that textiles make up a greater proportion of the final products exported by Pakistan than clothing. Textiles, compared to clothing, may have fewer backward linkages in terms of inputs used for production of the final product.

From the third perspective of the number of unique tariff lines that can be imported by a country in the identified potential supply chains, Bangladesh can import 65 stage I and primary inputs, India 38 inputs, Sri Lanka 36 inputs and Pakistan 117 inputs. Most of the inputs identified for Pakistan are non-textiles inputs used in the T&C sector. The greater the number of inputs globally imported by a country, the greater the number of importable inputs identified in the potential supply chains to be formed in south Asia.

There are 15 unique T&C tariff lines identified as final product for global exports that can form supply chains within the region for Bangladesh. For India 37 unique tariff lines have

been identified; 29 for Pakistan and 8 for Sri Lanka. It should be noted that the potential final product need not necessarily comprise clothing, but can also be raw materials such as fabrics or yarn. The largest number of unique first stage inputs identified which can be imported from within the region is for Sri Lanka (34), closely followed by Pakistan (27), India (25) and Bangladesh (19). The number of potential primary inputs used in the first stage inputs that can be imported is greatest for Pakistan (103), followed by Bangladesh (47), India (19) and Sri Lanka (2).

Having examined the number of unique tariff lines involved in each stage of the unique supply chains in which a country participates, it is relevant to assess whether existing trade flows point towards the possibility of establishing regional supply chains in the T&C sector in south Asia. Three aspects are relevant in this assessment. First, does the country have an import demand for stage I and primary inputs; second, the extent to which the import demand is met from countries within and outside the region; and third, whether other countries in the region have the export capacity to meet the import demand. Table 6.2 presents country global and regional imports of the tariff lines identified as stage I input or primary inputs in the potential supply chains. It is interesting to note that in respect of all the four countries, the imports of inputs are mainly from sources outside the region, although supply capacity exists within the region.

Estimating the share of a country's global imports of the identified inputs as a percentage of the region's global exports of these inputs, it is found that Bangladesh's global imports of these identified inputs comprise only around 18 per cent of the region's global exports. For Pakistan and Sri Lanka, the proportion is around 7.5 per cent and 9 per cent, respectively. This indicates that supply capacity exists within the region to meet the demand for the identified inputs by the region.

However, India's global imports of the identified inputs is around 350 per cent of the region's global exports, indicating that India's demand for the identified inputs is much greater

than the region's export capacity. This may be a result of diverse production structure of India in the T&C sector, which ranges across the entire value chain. It also indicates the role that India can play in generating demand for inputs within the region.

Table 6.2. Global and regional imports of identified inputs in potential supply chains (average for 2005–2007)

	Bangladesh	India	Pakistan	Sri Lanka
Global imports (US\$ '000)	493,150	4,834,969	1,166,083	327,176
Imports from the other three countries of the region (US\$ '000)	146,628	221,657	202,466	94,808
Global exports of the other three countries of the region (US\$ '000)	2,690,257	1,380,133	15,543,371	3,623,488
Imports from the region as a percentage of country's global imports	29.7	4.5	17.3	28.9
Global imports of country as a percentage of global exports of the region	18.3	350.3	7.5	9.0

The existing regional imports of the inputs compared to total import demand are found to be very low (Table 6.2). Only in the case of Bangladesh and Sri Lanka are the regional imports around 30 per cent. India's regional imports are the lowest at less than 5 per cent, indicating the potential of intra-regional trade for India. However, India's export demand is significantly higher than the export capacity within the region.

To analyse the reasons for low regional imports, country level analysis is undertaken of the identified inputs in the supply chain, together with the export unit values of the countries in the region. Country participation in supply chains is presented in the following sections. The existing tariffs on these identified products for imports in each country are reported, together with an indication of whether the product appears in the sensitive list of the country.

It should be noted that the exercise undertaken to identify supply chains is not exhaustive, but is demonstrative in nature. At country level, only those products have been selected as final products for exports in which the country ranks either highest or second highest in terms of global exports.

6.1 Participation of Bangladesh in potential 3-stage and 2-stage supply chains

By adopting the above methodology, a 3-stage supply chain and a 2-stage supply chain (where only first stage inputs have been identified) has been constructed for Bangladesh. The unique tariff lines identified as final product for exports and inputs for imports in 2-stage or 3-stage potential supply chains are presented in Table 6.3, together with Bangladesh's demand and the region's supply capacity.

Table 6.3 highlights the fact that in most of the inputs identified in the potential supply chains, Bangladesh's global imports are much higher than imports from within the region. The global exports of the region emphasise the region's capacity to meet the import demand. It is also found that the supply capacity of the region in most of the products is much greater than Bangladesh's global imports, indicating that the region has the supply capacity to fulfil Bangladesh's demand for the inputs.

Fifteen products are identified as final products that may be exported by Bangladesh. These are products where Bangladesh's global exports are worth more than US\$100,000,²⁴ and of which the country ranks as the highest or second highest exporter in the region. These products are mainly from chapter 61(articles of apparel and clothing accessories, knitted or crocheted) and 62 (articles of apparel and clothing accessories, not knitted or crocheted) and include products such as women's and girls' suits, ensembles, jackets and blazers; men's or boys' shirts, T-shirts, jerseys, pullovers and cardigans; women's overcoats, capes and cloaks; and men's or boys' suits, ensembles and jackets. It should be noted that there may be many more products that Bangladesh exports to the world the total value of which is greater than US\$100,000, but

the identified products are those which have the potential to form supply chains in the region. In other words, it might be possible to import their stage I inputs and in most cases, the primary inputs, from within the region.

The final products for export include a few woven fabrics of silk and synthetic filament. Bangladesh exports only a small share of total south Asian exports of these products, since the country that ranks highest (India) has an approximately 98–99 per cent share. However, these products show a rising trend and can be considered as potential exports for Bangladesh.

The stage I inputs used in production of the final products for global exports are from both the T&C sector and other, non-textile, sectors. Thirteen products from the T&C sector can be identified that can be imported regionally by Bangladesh, since there exists a global supplier of the product in the region. In most of these products Bangladesh imports less than 20 per cent of its global imports from the region, while the region's capacity to supply globally exists, i.e. global exports of the region are much higher than Bangladesh's global imports. These products are raw silk; yarn spun from silk waste; yarn of other vegetable textile fibres; synthetic filament yarn; synthetic staple fibres; wadding of textiles materials; and quilted textile products. Only in two products, namely raw silk and wadding of textiles materials, is Bangladesh's global demand higher than the region's supply.

Six non-T&C products are used as stage I inputs in the final products identified as global exports from Bangladesh. These are mainly synthetic organic colouring matter; lubricating preparations; finishing agents; and diagnostic and laboratory re-agents. With the exception of lubricating preparations, Bangladesh's imports from the region make up less than 25 per cent of its total global imports, while the region's global exports are much higher than Bangladesh's global imports, with the exception of finishing agents. Bangladesh's regional imports of lubricating preparations make up around 26 per cent of its total imports and those of synthetic organic colouring matter (HS 320415) make up 36 per cent. This shows the potential in

terms of global demand for inputs of Bangladesh which can be met from within the region, leading to effective supply chains.

Forty-seven products have been identified as primary inputs of stage I inputs. Except for yarn spun from silk waste, all the products are from non-T&C sectors. Of these, regional imports of 35 products are less than 20 per cent in Bangladesh, while in only five products is the regional supply smaller than Bangladesh's global demand. In all other products there is a global exporter of the product in the region.

Table 6.3. Output and inputs of potential exports and potential imports in the identified 3-stage and 2-stage supply chains for Bangladesh (average for 2005–2007)

S no.	Final output for exports	·	Bangladesh's average global exports (US\$'000)	Bangladesh's share in south Asia's exports (%)	Share of south Asia in world exports (%)
1	500720	Woven fabrics of silk or of silk waste (OTHER WOVEN FABRICS, CONTAINING>= 85 per cent BY WT OF SILK OR OF SILK WASTE OTHR THN NOIL SLK)	140	0.4	16.0
2	510710	Yarn of combed wool, not put up retail sale (YARN OF COMBED WOOL CONTNG>= 85 per cent WOOL BY WT NOT PUT UP FOR RETAIL SALE)	250	1.0	2.0
3	540752	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 (WOVEN FABRICS, DYED, CNTNG BY WT >= 85 per cent TEXTURED POLYESTER FILAMENTS)	2,587	2.0	2.0
4	570500	Other carpets and other textile floor coverings, whether or not made up (OTHR CRPTS & TXTL FLR CVRNGS, W/N MADE UP)	2,982	1.0	23.0
5	610463	Women's or girls' suits, ensembles, jackets, blazers, dresses, skirts, divided skirts, trousers, bib and brace overalls, breeches and shorts (other than swim wear), knitted or crocheted (TROUSERS, BIB & BRACE OVERALLS, BREECHES AND SHORTS OF SYNTHETIC FIBRES		42.0	1.0

Table 6.3 (continued)

S no.	Final output for exports	Description	Bangladesh's average global exports (US\$'000)	Bangladesh's share in south Asia's exports (%)	Share of south Asia in global exports (%)
6	610590	Men's or boys' shirts, knitted or crocheted (SHIRTS OF OTHR TEXTILE MATERIAL)	68,234	35.0	42.0
7	610910	T-shirts, singlets and other vests, knitted or crocheted (T-SHIRTS ETC OF COTTON)	1,698,510	49.0	16.0
8	610990	T-shirts, singlets and other vests, knitted or crocheted (T-SHIRTS ETC OF OTHER TEXTILE MATERIALS)	117,701	40.0	4.0
9	611011	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted (JERSEYS, PULLOVERS, CARDIGANS ETC OF WOOL)	11,731	12.0	2.0
10	611020	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted (JERSEYS ETC OF COTTON)	222,167	46.0	3.0
11	611030	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted (JERSEYS ETC OF MAN-MADE FIBRES)	159,789	83.0	1.0
12	620212	Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (including ski-jackets), wind-cheaters, wind-jackets and similar articles, other than those of heading 6204 (OVERCOATS, RNCOTS ETC & SMLR ARTCLS OF COTN)	5,006	32.0	2.0
13	620293	Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (including ski-jackets), wind-cheaters, wind-jackets and similar articles, other than those of heading 6204 (OTHER GARMENTS OF MAN-MADE FIBRES OF HEADING NO. 6202)	6,074	66.0	0.0

Table 6.3 (continued)

S no.	Final output for exports	Description	Bangladesh's average global exports (US\$'000)	Bangladesh's share in south Asia's exports (%)	Share of south Asia in global exports (%)
14	620333	Men's or boys' suits, ensembles, jackets, blazers, trousers bib and brace overalls, breeches and shorts (other than swimwear) (JACKTS & BLAZERS OF SYNTHETIC FIBRES)	133,452	63.0	13.0
15	620343	Men's or boys' suits, ensembles, jackets, blazers, trousers bib and brace overalls, breeches and shorts (other than swimwear) (TROUSERS, BIB & BRACE, OVERALLS, BREECHES & SHORTS OF SYNTHETIC FIBRS, MEN'S OR BOYS')	107,366	52.0	6.0
S no.	Stage I inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from India, Pakistan Sri Lanka (%)	Global exports of India, Pakistan and and Sri Lanka (US\$'000)
1	320411	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (DISPERSE DYES & PREPARATIONS BASED THEREON)	9,172	8.6	16,330
2	320415	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (VAT DYES (INCL THOSE USABLE IN THAT STATE AS PIGMNTS & PREPRATIONS BASED THEREON))	5,315	35.7	33,900

Table 6.3 (continued)

S no.	Stage I inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from India, Pakistan Sri Lanka (%)	Global exports of India, Pakistan and and Sri Lanka (US\$'000)
3	320420	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (SYNTHETIC ORGANIC PRDCTS OF A KIND USED AS FLUORESCENT BRIGHTENING AGENTS)	2,873	14.0	40,846
4	340311	Lubricating preparations (including cutting-oil preparations, bolt or nut release preparations, anti-rust or anti-corrosion preparations and mould release preparations, based on lubricants) and preparations of a kind used for the oil or grease treatment of (PRPNS FOR THE TRTMNT OF TXTL MATRLS LEATHER FURSKINS/OTHER MATERIALS CONTNG PETROLEUM OILS/OIL OBTND FROM BITMNS MNRLS)	1,427	26.3	1,271
5	380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dye-stuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or include(PRPNS USD IN TXTL INDUSTRY)	42,902	3.2	16,606
6	382200	Diagnostic or laboratory re-agents on a backing and prepared diagnostic or laboratory re-agents whether or not on a backing, other than those of heading 3002 or 3006 certified reference materials (COMPST DIAGNOSTIC/LABRTRY REAGNTS EXCL GOODS OF HDG. NO. 3002/3006)	7,306	8.5	16,303

Table 6.3 (continued)

S no.	Stage I inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from India, Pakistan Sri Lanka (%)	Global exports of India, Pakistan and and Sri Lanka (US\$'000)
7	500200	Raw silk (not thrown) (RAW SILK (NOT THROWN))	3,598	0.0	2,604
8	500500	Yarn spun from silk waste, not put up for retail sale (YRN SPN FRM SLK WST NT PUT UP FR RETAL SLE)	2,031	0.0	5,867
9	510529	Wool and fine or coarse animal hair, carded or combed (including combed wool in fragments) (WOOL TOPS AND OTHER COMBED WOOL)	478	78.7	24,186
10	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	43,509	99.5	500,799
11	520942	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing more than 200 g/m² (DENIM)	156,691	28.4	207,189
12	530890	Yarn of other vegetable textile fibres; paper yarn (OTHER VEG TEXTL YARN)	230	0.0	953
13	540233	Synthetic filament yarn (other sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	30,725	12.7	116,748
14	550320	Synthetic staple fibres, not carded, combed or otherwise processed for spinning (STAPLE FIBRES OF POLYESTER NT CRD/CMBD)	39,011	17.4	127,279
15	550410	Artificial staple fibres, not carded, combed or otherwise processed for spinning (VISCOSE RAYON STAPLE FIBRES NT CRD/COMBD)	4,243	76.0	35,179

Table 6.3 (continued)

S no.	Stage I inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from India, Pakistan Sri Lanka (%)	Global exports of India, Pakistan and and Sri Lanka (US\$'000)
16	550620	Synthetic staple fibres, carded combed or otherwise processed for spinning (STAPLE FIBRS OF POLYESTERS, CARDED/COMBED)	113	13.3	745
17	550630	Synthetic staple fibres, carded combed or otherwise processed for spinning (STAPLE FIBRES OF ACRYLC/MODACRYLC,CRD/CMBD)	142	52.1	732
18	560122	Wadding of textile materials and articles thereof; textile fibres, not exceeding 5 mm in length (flock), textile dust and mill neps (WADDING OF MAN-MADE FIBRES)	704	0.0	257
19	581100	Quilted textile products in the piece, composed of one or more layers of textile materials assembled with padding by stitching or otherwise, other than embroidery of heading 5810 (QUILTED TXTL PRDCTS IN THE PIECE CMPSD OF ONE/MORE LAYERS OF TXTL MATRLS ASSMBLD WTH PDDNG BY STICHING ETC EXCPT HDG 5810)	351	0.0	5,072
S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
1	250100	Salt (including table salt and denatured salt) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free flowing agents; Sea water (SALT (INCL TABLE SALT & DENATRD SALT) & PURE SODIUM CHLRDE W/N AQS SOLN SEA WTR)	2,918	83.6	34,890

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
2	280920	Diphosphorus pentaoxide; phosphoric acid and polyphosphoric acids whether or not chemically defined (PHOSPHORIC ACID & POLYPHOSPHORIC ACIDS)	8,386	50.0	5,073
3	281000	Oxides of boron;boric acids (OXIDES OF BORON BORIC ACIDS)	239	4.2	677
4	281511	Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash); peroxides of sodium or potassium (SOLID SODIUM HYDROXIDE (CAUSTIC SODA))	19,626	3.0	7,380
5	281512	Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash); peroxides of sodium or potassium (NAOH IN AQS SOLN (SODA LYE OR LQD SODA))	1,163	0.3	682
6	281520	Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash); peroxides of sodium or potassium (POTASSIUM HYPROXIDE (CAUSTIC POTASH))	121	2.5	2,681
7	282739	Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide CHLORIDE; NES)	347	27.1	15,667
8	283210	Sulphites; thiosulphates (SODIUM SULPHITE)	221	3.6	1,249
9	283620	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (DISODIUM CARBONATE)	23,345	32.8	31,534

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
10	283640	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (POTASSIUM CARBONATES)	132	0.0	410
11	284700	Hydrogen peroxide, whether or not solidified with urea (HYDROGEN PEROXIDE W/N SOLIDIFIEDWITH UREA)	5,135	3.8	759
12	290330	Halogenated derivatives of hydro- carbons (FLUORNTD, BRMNTD/ IODINATED DERIVATIVES OF ACYCLIC HYDROCARBONS)	247	0.0	1,028
13	290410	Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated (DRVTVS CNTNG ONLY SULPHO GROUPS, THEIR SALTS AND ETHYL ESTERS)	1,440	2.8	70,667
14	290420	Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated (DRVTVS CNTNG ONLY NITRO/NITROSO GRPS)	540	98.3	5,175
15	290511	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATURATED METHANOL (METHYL ALCOHOL))	2,225	1.5	8,791
16	290512	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATURATED PROPAN-1OL ALCOHOL) AND PROPAN-2-OL (ISOPROPYL ALCOHOL))	1,363	0.4	5,556
17	290513	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATURATED BUTAN-1-OL (N-BUTYL ALCOHOL))	127	0.0	2,858

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
18	290516	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATRTD OCTNL(OCTYL ALCHL) & ISMRS THEREOF)	4,389	0.0	1,363
19	290629	Cyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHER AROMATIC ALCOHOL)	123	10.6	9,839
20	290711	Phenols; phenol-alcohols (PHENOL (HYDROXYBENZENE) AND ITS SALTS)	152	6.6	4,517
21	290930	Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxides, ketone peroxides (whether or not chemically defined), and their halogenated, sulphonated, nitrated or nitrosated derivatives (ARMTC ETHRS & THR HALGNTD SLPHNTD NITRATED OR NITROSATED DERIVATIVES)	200	5.0	13,060
22	291469	Ketones and Quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHER QUINONES)	128	28.1	1,158
23	291521	Saturated acyclic mono- carboxylicacids and their x carboxylichalides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (ACETIC ACID)	4,928	51.2	11,916

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
24	291524	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (ACETIC ANHYDRIDE)	712	2.4	897
25	291539	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHER ESTERS OF ACETIC ACID)	1,005	0.6	30,360
26	291550	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (PROPIONIC ACID ITS SALTS AND ESTERS)	143	2.8	1,836
27	291631	Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (BENZOIC ACID ITS SALTS AND ESTERS)	470	10.9	8,146
28	291735	Polycarboxylic acids, their anhydrides halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (PHTHALIC ANHYDRIDE)	5, 3,418	12.4	70,597
29	291739	Polycarboxylic acids, their anhydrides halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHR ARMTC POLYCRBOXYLC ACIDS THR ANHYDRDS HALIDES PEROXIDES PEROXYACDS & THR DRVTVS)	, 106	19.8	22,244

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
30	291830	Carboxylic acids with additional oxygen function and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (CRBXYLC ACIDS WTH FNCTN BUT WTHOUT OTHR OXYGN FNCTN THR ANHYDRDS HALDS PEROXIDES PEROXYACIDS & THR DRVTVS)	1,550	11.5	3,210
31	291890	Other carboxylic acids with oxygen function, their anhydrides, halides	863	17.4	4,068
32	292090	Esters of other inorganic acids of non-metals (excluding esters of hydrogen halides) and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTR ESTERS OF OTR INORGNC ACDS; THR SLTS ETC)	170	24.1	25,061
33	292119	Amine function compounds (OTHR ACYCLIC MONOAMINES & THEIR DERIVATIVES SALTS THEREOF)	129	6.2	4,889
34	292142	Amine function compounds (ANILINE DERIVATIVES AND THEIR SALTS)	269	0.0	46,376
35	292151	Amine function compounds (O-M-P-PHENYLENEDIAMINE DIAMINOTOLUENE AND THEIR DRVTVS SALTS THEREOF)	148	90.5	19,581
36	292229	Oxygen-function amino-compounds (OTHR AMINO-NAPTHLS & OTHR AMINO-PHNLS THR ETHRS & ESTRS OTHR THN THOSE CNTNG MORE THN ONE KND OF EXYGN FNCTN SLTS THEREOF)	1,821	1.0	34,798
37	292419	Carboxyamide-function compounds; amide-function compounds of carbonic acid (OTHER ACYCLIC AMIDES & THR DRVTVS, SALTS)	502	14.5	30,126

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
38	292429	Carboxyamide-function compounds; amide-function compounds of carbonic acid (OTHR CYCLC AMIDES(INCL CYCLC CRBAMATES) & THEIR DERIVATIVES & SALTS THEREOF)	2,484	4.8	12,290
39	292700	Diazo-, azo- or azoxy- compounds (DIAZO-AZO-OR AZOXY- COMPOUNDS)	356	2.2	5,445
40	293349	Heterocyclic compounds with nitrogen hetero-atom(s) only (OTHER CMPNDS CNTNG IN STRUCTURE A QUINOLINEOR ISOQUINOLINE RING SYSTEM (W/N HYDRGNTD), NOT FURTHER FUSED)	2,438	7.3	12,064
41	300420	Medicaments (excluding goods of heading 3002, 3005 or 3006) consisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses(including those in the form of transdermal administration systems) or in forms or packings for (MEDICAMENTS CONTAINING OTHER ANTIBIOTICS AND PUT UP FOR RETAIL SALE)	4,690	65.2	406,778
42	320417	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (PIGMENTS & PREPTNS BASED THEREON)	8,474	26.5	233,734

Table 6.3 (continued)

S no.	Primary inputs of imports	Description	Bangladesh's average global imports (US\$'000)	Bangladesh's average imports from Pakistan, Sri Lanka and India (%)	Global exports of Pakistan, Sri Lanka and India (US\$ '000)
43	340211	Organic surface-active agents (other than soap), surface-active preparations, washing preparations (including auxiliary washing preparations) and cleaning preparations, whether or not containing soap, other than those of Heading 3401 (ANIONIC W/N FOR RTL SALE)	5,313	5.3	24,470
44	380610	Rosin and resin acids, and derivatives thereof; rosin spirit and rosin oils; run gums (ROSIN AND ACIDS:)	135	1.5	1,960
45	390750	Polyacetals, other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallylesters and other polyesters, in primary forms (ALKYD RESINS)	294	11.6	1,384
46	500500	Yarn spun from silk waste, not put up for retail sale (YRN SPN FRM SLK WST NT PUT UP FR RETAL SLE)	2,031	0.0	5,867
47	760110	UNWROUGHT ALUMINIUM (ALUMINIUM-NOT ALLOYED)	29,343	45.9	300,151

Appendix Table A.1 reports the unique tariff lines which are identified as potential imports of Bangladesh from the region. The table reports Bangladesh's share of the global imports of the region; the top exporter of the product to Bangladesh and its share in Bangladesh's global imports; and the export unit values of the top exporter and the other three countries in the region. It should be noted that export unit values are only indicative of the export prices of the product and may not be comparable across countries as the quality of the product may vary. However, they do indicate the presence of potential exporters of the product in the region.

In consultation with the industries of Bangladesh, India, Pakistan and Sri Lanka, it was pointed out that although the export prices of countries may not be comparable at 6-digit level, information on the presence of suppliers of the products in the region might be useful for the importer and could be a useful tool for the formation of supply chains.

Sixty-five unique products can be identified for regional import by Bangladesh. Thirteen inputs are from the T&C sector. In 10 of these 13 inputs which are globally imported by Bangladesh, the export unit value of at least one of the regional suppliers is lower than the export unit value of the top exporter. One of the inputs in which the top exporter to Bangladesh (Thailand) has an export unit value lower than any other supplier in the region is synthetic filament yarn, other than sewing thread (HS 540233). Fifty-two identified inputs are from non-T&C sectors, of which in 19 inputs the export unit value of at least one of the regional suppliers is lower than that of the top exporter of the product. Of the identified 65 inputs which Bangladesh could import regionally, 12 inputs are included in Bangladesh's sensitive list under SAFTA.

6.2 Participation of India in potential 3-stage and 2-stage supply chains

Using the same methodology, 3-stage and 2-stage supply chains have been identified for India. The identified products include products for global exports; imports as stage I inputs; and primary inputs, which are globally exported/imported to a value above the threshold of US\$100,000. These do not include all exportable products of India in the T&C sector with exports above the threshold, but only those that have the potential for forming a supply chain within the region. In addition, these are the products in which India is either the highest or second highest global exporter in the region.

The analysis shows that there are 37 products for global export from the T&C sector which have the potential to form

supply chains within the region (Table 6.4). These include silk yarn; cotton yarn; woven fabrics of cotton; synthetic filament yarn; woven fabrics of synthetic filament yarn; carpets; knitted and crocheted fabrics; women's suits, jackets and blazers; t-shirts and other vests; other garments; shawls, scarves and the like; and other furnishing articles. In 36 of these 37 products, India has a share of over 10 per cent of global exports from the region. In ten products, India's share in the region's global exports is more than 90 per cent. In 13 products, the south Asia region contributes more than 10 per cent of global exports.

Twenty-four products are identified for imports from the region by India. These are products that are globally imported by India, but where there are regional suppliers with global exports worth over US\$100,000. These include 18 products from the T&C sector and six products from non-textiles sectors. T&C products include woven fabrics of silk or silk waste; wool and yarn of wool; cotton, cotton yarn and woven fabrics of cotton; synthetic filament yarn; synthetic staple fibres; yarn of synthetic staple fibres; wadding of textile materials; rubber thread and cord, textile covered; guilted textile products; and pile fabrics. Some of these products are produced and exported by India as well, but some differentiated products under the same tariff lines are globally imported by India. In the non-T&C sector, products which could be imported by India from the region include synthetic organic colouring matter, and some starches and finishing agents (chapters 3204, 3206, 3505 and 3809). However, in only 7 out 25 stage I inputs are India's global imports less than the region's global exports, which indicates that the region has insufficient supply capacity to fulfil India's demand. However, in 21 of 25 products, India's regional imports are less than 10 per cent of its total global imports. This indicates the potential for the formation of regional supply chains by India.

In the list of identified primary inputs of stage I inputs which India could import from within the region, there are 19 products, of which 14 are in the non-T&C sector. In 16 of the 19 products, India imports less than 10 per cent from the

region, while in only four products, India's global imports are lower than the region's global exports. This indicates that although the region's supply capacity is limited in terms of fulfilling India's global demand for the inputs, whatever the given supply capacity, only a small part of it is being tapped by India.

Appendix Table A.2 reports on the unique tariff lines which are identified in the potential supply chains that India can regionally import. To assess the feasibility of regional imports, the export unit value of the top exporter of these products to India is reported, together with the export unit values of three other countries of the region. There are 38 tariff lines, of which 19 are from the T&C sector. Of these 38 products, the export unit value of the top exporter is lower than the export unit value of the regional supplier in only eight products. In two of the T&C products (synthetic filament yarn and synthetic staple fibres), China has a lower export unit value compared to regional exporters. This indicates the feasibility and rationale of the regional supply chains that have been identified. However, this should only be taken as indicative, as the export unit values may not be comparable at this level of aggregation.

It was also pointed out by the stakeholders that many other factors, such as quality and timely delivery, may influence the decision to import regionally or globally. While this is true, the fact that the regional suppliers are also global exporters, exporting products worth more than US\$100,000, indicates the possibility of the regional supplier being able to meet the other demands of the importer. Furthermore, the table shows that 12 of the 38 products are listed as India's sensitive products under SAFTA for non-LDCs. For LDCs, three products are in the sensitive list. India has scope for reducing its import unit values by importing from within the region and making its exports more competitive.

Table 6.4. Output and inputs of potential exports and potential imports in the identified 3-stage and 2-stage supply chains for India (average for 2005–2007)

S no.	Final output for exports	Description	India's average global exports (US\$'000)	India's share in south Asia's exports (%)	Share of south Asia in world exports (%)
1	500400	Silk yarn (other than yarn spun from silk waste) not put up for sale (SLK YARNS (OTHR THN SPUN FROM SLK WSTE) NT PUT UP FOR RETAIL SALE)	1,206	99.0	0.0
2	510620	Yarn of carded wool, not put up for retail sale (YARN OF WOOL CONTNG)	2,686	99.0	1.0
3	520300	Cotton, carded or combed (COTTON CARDED OR COMBED)	4,587	28.0	7.0
4	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	353,778	70.0	68.0
5	520921	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing more than 200 g/m² (BLEACHED COTTON FABRICS PLAIN WEAVE WEIGHING MORE THN 200 GM PER SQM)	12,313 5,	74.0	18.0
6	520931	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing more than 200 g/m² (DYED PLAIN WEAVE COTTON FABRICS WEGHNG MORE THAN 200 GM PER SQM)	19,282	7.0	33.0
7	520942	Woven fabrics of cotton, containing per cent or more by weight of cotto more than 200 g/m² (DENIM)	121,929 n,	59.0	6.0
8	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic mono- filament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	100,183	85.0	5.0

Table 6.4 (continued)

S no.	Final output for exports	Description	India's average global exports (US\$'000)	India's share in south Asia's exports (%)	Share of south Asia in world exports (%)
	540239	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHER TEXTURED YARN)	6,680	88.0	2.0
10	540320	Artificial filament yarn (other than sewing thread), not put for retail sale, including artificial mono filament of less than 67 decitex (ARTIFICIAL TEXTURED YARN)	1,243	25.0	20.0
11	540610	Man-made filament yarn (other than sewing thread), put up for retail sale (SYNTHETIC FILAMENT YARN)	2,280	62.0	4.0
12	540752	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 (WOVEN FABRICS, DYED, CNTNG BY WT>= 85 per cent TEXTURED POLYESTER FILAMENTS)	115,097	97.0	2.0
13	540754	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 (WOVEN FABRCS, PRINTED, CNTNG BY WT>=85 per cent TEXTURED POLYESTER FILAMENTS)	65,437	97.0	7.0
14	550941	Yarn (other than sewing thread) of synthetic staple fibres, not put up retail sale (SINGLE YRN CNTNG 85 per cent OR MORE BY WT OF OTHER SYNTHETIC STAPLE FIBRES)	12,584	100.0	19.0
15	551030	Yarn (other than sewing thread) of artificial staple fibres, not put up for retail sale (OTHR YRN MXD MAINLY/SOLELY WTH COTTON)	4,155	76.0	7.0

Table 6.4 (continued)

S no.	Final output for exports	Description	India's average global exports (US\$'000)	India's share in south Asia's exports (%)	Share of south Asia in world exports (%)
16	551311	Woven fabrics of synthetic staple fibres, containing less than 85 per cent by weight of such fibres, mixed mainly or solely with cotton, of a weight not exceeding 170g/m² (WOVEN FABRICS OF POLYESTER STAPLE FIBRES, PLAIN WEAVE, UNBLECHED OR BLEACHED)	4,833	12.0	6.0
17	551511	Other woven fabrics of synthetic staple fibres (FBRCS OF POLYESTR STPL FBRS,MXD MAINLY OR SOLELY WTH VISCOSE RAYON STPL FBRS)	148,290	99.0	10.0
18	551513	Other woven fabrics of synthetic staple fibres (FBRCS OF POLYESTR STPL FBRS MXD MAINLY/SOLELY WTH WOOL/FINE ANIMAL HAIR)	28,051	100.0	5.0
19	560221	Felt, whether or not impregnated, coated, covered or laminated (FELT, NOT IMPREGNATED, COATED, COVERED/LAMINATED, OF WOOL/FINE ANIMAL HAIR)	2,994	100.0	4.0
20	570259	Carpets and other textile floor coverings, woven, not tufted or , whether or not made up, including "Kelem", "Schumacks", "Karamanie" and similar handwoven rugs (of other textile materials)	49,851	100.0	47.0
21	600621	Other knitted or crocheted fabrics (OTHR KNITTED OR CROCHETD FBRCS OF COTTON, UNBLCHD OR BLCHD)	7,386	51.0	2.0
22	600690	Other knitted or crocheted fabrics (OTHR KNITD OR CROCHETD FBRCS OF OTHER FIBRES)	3,294	10.0	6.0

Table 6.4 (continued)

S no.	Final output for exports		India's average global exports (US\$'000)	India's share in south Asia's exports (%)	Share of south Asia in world exports (%)
23	610463	Women's or girls' suits, ensembles, jackets, blazers, dresses, skirts, divided skirts, trousers, bib and brace overalls, breeches and shorts (other than swim wear), knitted or crocheted (TROUSERS, BIB & BRACE OVERALLS, BREECHES AND SHORTS OF SYNTHETIC FIBRES)	4,455	27.0	1.0
24	610819	Women's or girls' slips, petticoats, briefs, panties, night dresses, pyjama: negligees, bathrobes, dressing gowns and similar articles, knitted or crocheted (SLIPS & PETTICOATS OF OTHER TXTL MATRLS)		85.0	20.0
25	610831	Women's or girls' slips, petticoats, briefs, panties, night dresses, pyjamas, negligees, bathrobes, dressing gowns and similar articles, knitted or crocheted (NIGHTDRESSES PYJAMAS OF COTTON)	171,183	72.0	16.0
26	610990	T-shirts, singlets and other vests, knitted or crocheted (T-SHIRT ETC OTHER TEXTILE MATERIALS)	95,855	32.0	4.0
27	611420	Other garments, knitted or crocheted (OTHER GARMENTS OF COTTON)	50,826	41.0	10.0
28	611430	Other garments, knitted or crocheted (OTHER GARMENTS OF MAN-MADE FIBRES)	4,114	32.0	1.0
29	611710	Other made up clothing accessories, knitted or crocheted; knitted or crocheted parts of garments or of clothing accessories (SHWL, SCRV, MUFLR, MANTLAS, VEILS & THE LIKE)	13,259	66.0	2.0
30	620212	Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (including ski-jackets), wind- cheaters, wind-jackets and similar articles, other than those of heading 6204 (OVERCOATS,RNCOTS ETC & SMLR ARTCLS OF COTN)	8,354	54.0	2.0

Table 6.4 (continued)

S no.	Final output for exports	Description	India's average global exports (US\$'000)	India's share in south Asia's exports (%)	Share of south Asia in world exports (%)
31	620293	Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (including ski-jackets), wind-cheaters, wind-jackets and similar articles, other than those of heading 6204 (OTHERGARMENTS OF MAN-MADE FIBRES OF HEADING NO. 6202)	2,352	26.0	0.0
32	620333	Men's or boys' suits, ensembles, jackets, blazers, trousers bib and brace overalls, breeches and shorts (other than swimwear) (JACKTS & BLAZERS OF SYNTHETIC FIBRES)	35,277	17.0	13.0
33	620343	Men's or boys' suits, ensembles, jackets, blazers, trousers bib and brace overalls, breeches and shorts (other than swimwear) (TROUSERS, BIB & BRACE, OVERALLS, BREECHES & SHORTS OF SYNTHETIC FIBRS, MEN'S OR BOYS')	51,713	25.0	6.0
34	621143	Track suits, ski suits and swimwear; other garments (OTHER GARMENTS OF MAN-MADE FIBRES)	19,919	84.0	2.0
35	621490	Shawls, scarves, mufflers, mantillas, veils and the like (SHWLS, SCRVS ETC OF OTHER TXTL MATERIALS)	124,116	85.0	39.0
36	621790	Other made up clothing accessories; parts of garments or of clothing accessories, other than those of heading 62 12 (PARTS OF GARMENTS/OF CLOTHNG ACCESSORIES)	4,393	65.0	1.0
37	630492	Other furnishing articles, excluding of heading 9404 (OTHR FRNSHNG ARTCLS OF COTN,NT KNTD/CRCHTD)	753,504	99.0	72.0

Table 6.4 (continued)

S no.	Stage 1 inputs of	Description	India's average global imports (US\$'000)	India's average imports from Bangladesh, Pakistan and Sri Lanka (%)	Global exports of Bangladesh, Pakistan and Sri Lanka (US\$'000)
1	320416	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (REACTIVE DYES & PREPTNS BASED THEREON)	14,880	0.0	516
2	320417	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (PIGMENTS & PREPTNS BASED THEREON)	27,254	0.0	1,389
3	320419	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agents or as luminoph (OTHR INCL MIXR OF COLRNG MATR OF TWO OR MORE OF SUB-HDNG 320411 TO 320419)	23,223	0.0	105
4	320420	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agents or as luminoph (SYNTHETIC ORGANIC PRDCTS OF A KIND USED AS FLUORESCENT BRIGHTENING AGENS)	13,431	0.0	186

Table 6.4 (continued)

S no.	Stage 1 inputs of	Description	India's average global imports (US\$'000)	India's average imports from Bangladesh, Pakistan and Sri Lanka (%)	Global exports of Bangladesh, Pakistan and Sri Lanka (US\$'000)
5	320649	Other colouring matter; Preparations as specified in Note 3 to this Chapter, other than those of Headings or 3205; Inorganic products of a kind used as luminophores, whether or not chemically defined (OTHR COLRNG MATR AND OTHR PRPTNS)	12,616	0.5	966
6	350510	Dextrins and other modified starches (for example, pregelatinised or esterified starches); glues based on starches, or on dextrins or other modified starches (DEXTRINS & OTHER MODIFIED STARCHES)	10,135	0.0	311
7	380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dye-stuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or include (PRPNS USD IN TXTL INDUSTRY)	37,653	0.1	1,469
8	500720	Woven fabrics of silk or of silk waste (OTHER WOVEN FABRICS, CONTAINING>=85 per cent BY WT OF SILK OR OF SILK WASTE OTHR THN NOIL SLK)	167,518	0.1	240
9	510129	Wool, not carded or combed: (OTHR DEGRESD WOOL NT CRBNSD NOR CRDED/CMBD)	9,025	2.6	246
10	510910	Yarn of wool or fine animal hair, put up for retail sale (YARN OF WOOL/OF FINE ANML HAIR CONTNG>=85 per cent BY WT OF WOOL,PUT UP FOR RETAIL SALE	335	0.0	220

Table 6.4 (continued)

S no.	Stage 1 inputs of	Description	India's average global imports (US\$'000)	India's average imports from Bangladesh, Pakistan and Sri Lanka (%)	Global exports of Bangladesh, Pakistan and Sri Lanka (US\$'000)
11	520100	Cotton, not carded or combed (COTTON, NOT CARDED OR COMBED)	123,874	39.6	110,079
12	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	527	72.1	153,207
13	520942	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing more than 200 g/m² (DENIM)	30,640	2.3	86,377
14	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	14,325	5.9	16,649
15	540269	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHER YARN, MULTIPLE (FOLDED) OR CABLED)	6,362	0.1	812
16	550340	Synthetic staple fibres, not carded, combed or otherwise processed for spinning (STAPLE FIBRS OF POLYPROPYLENE NT CRD/CMBD)	987	1.3	301
17	550410	Artificial staple fibres, not carded, combed or otherwise processed for spinning (VISCOSE RAYON STAPLE FIBRES NT CRD/COMBD)	6,478	0.0	348
18	550510	Waste (including noils, yarn waste and garnetted stock) of man-made fibres (WASTE ETC. OF SYNTHETIC FIBRES)	13,928	0.2	248

Table 6.4 (continued)

S no.	Stage 1 inputs of	Description	India's average global imports (US\$'000)	India's average imports from Bangladesh, Pakistan and Sri Lanka (%)	Global exports of Bangladesh, Pakistan and Sri Lanka (US\$'000)
19	550690	Synthetic staple fibres, carded combed or otherwise processed for spinning (OTHR SYNTHTC STAPLE FIBRES, CARDED/COMBED)	666	0.0	3,628
20	550953	Yarn (other than sewing thread) of synthetic staple fibres, not put up for retail sale (OTHER YARN OF POLYSTER STAPLE FIBRS MIXED MAINLY/SOLELY WITH COTTON)	598	34.3	17,035
21	560122	Wadding of textile materials and articles thereof; textile fibres, not exceeding 5 mm in length (flock), textile dust and mill neps (WADDING OF MAN-MADE FIBRES)	1,703	9.6	364
22	560410	Rubber thread & cord, textile covered; textile yarn, and strip and the like of heading 54 04 or 54 05, impregnated, coated, covered or sheathed with rubber or plastics (RUBBER THREAD AND CORD, TEXTILE COVERED)	472	2.3	133
23	581100	Quilted textile products in the piece, composed of one or more layers of textile materials assembled with padding by stitching or otherwise, other than embroidery of heading 5810 (QUILTED TXTL PRDCTS IN THE PIECE CMPSD OF ONE/MORE LAYERS OF TXTL MATRLS ASSMBLD WTH PDDNG BY STICHING ETC EXCPT HDG 5810)	551	1.1	2,138
24	600191	Pile fabrics, including "long pile" fabrics and terry fabrics, knitted or crocheted (OTHER PILE FABRICS OF COTTON	1,770	2.7	2,463

Table 6.4 (continued)

S no.	Stage 1 inputs of	Description	India's average global imports (US\$'000)	India's average imports from Bangladesh, Pakistan and Sri Lanka (%)	Global exports of Bangladesh, Pakistan and Sri Lanka (US\$'000)
25	611780	Other made up clothing accessories, knitted or crocheted; knitted or crocheted parts of garments or of clothing accessories (OTHER CLOTHNG ACCESSORIES,KNITD/CRCHTD)	3,894	0.0	2,081
S no.	Primary inputs of imports	Description	India's average global imports (US\$ '000)	India's average imports from Pakistan, Sri Lanka and Bangladesh (%)	Sri Lanka and Bangladesh
1	250100	Salt (including table salt and denatured salt) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free flowing agents; Sea water (SALT (INCL TABLE SALT & DENATRD SALT) & PURE SODIM CHLRDE W/N AQS SOLN SEA WTR)	814	50.2	3,663
2	271019	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included, containing by weight 70 per cent or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic cons (OTHER PETROLEUM OILS AND OILS OBTAIND FROM BITUMINOUS MINERALS ETC)	2,568,650	5.1	818,158
3	291735	Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (PHTHALIC ANHYDRIDE)	21,275	2.5	1,684

Table 6.4 (continued)

S no.	Primary inputs of imports	Description	India's average global imports (US\$ '000)	India's average imports from Pakistan, Sri Lanka and Bangladesh (%)	Sri Lanka and Bangladesh
4	300420	Medicaments (excluding goods of heading 3002, 3005 or 3006) consisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses (including those in the form of transdermal administration systems) or in forms or packings for (MEDICAMENTS CONTAINING OTHER ANTIBIOTICS AND PUT UP FOR RETAIL SALE)	30,599	0.0	5,470
5	310210	Mineral or chemical fertilisers, nitrogenous (UREA WHETHER OR NOT IN AQUEOUS SOLUTION)	618,315	4.9	75,560
6	320417	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (PIGMENTS & PREPTNS BASED THEREON)	27,254	0.0	1,389
7	380210	Activated carbon; activated natural mineral products; animal black, including spent animal black (ACTIVATED CARBON)	10,230	1.3	22,717
8	380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dye-stuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or include (PRPNS USD IN TXTL INDUSTRY)	37,653	0.1	1,469

Table 6.4 (continued)

S no.	Primary inputs of imports	Description	India's average global imports (US\$ '000)	India's average imports from Pakistan, Sri Lanka and Bangladesh (%)	Sri Lanka and Bangladesh
9	390410	Polymers of vinyl chloride or of other halogenated olefins, in primary forms (POLY (VINYL CHLORIDE), NOT MIXED WITH OTHR)	255,972	0.0	8,091
10	520100	Cotton, not carded or combed (COTTON, NOT CARDED OR COMBED)	123,874	39.6	110,079
11	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	527	72.1	153,207
12	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	14,325	5.9	16,649
13	690100	Bricks, blocks, tiles and other ceramic goods, of siliceous fossil meals (for example, kieselguhr, tripolite or diatomite or of similar siliceous earths (BRICKS, BLOCKS ETC OF SILICEOUS FOSSIL MEAL (KIESELGUHR ETC)/OF SMLR SILICEOUS EARTHS)	10,779	0.1	2,447
14	740400	Copper waste and scrap (COPPER WASTE & SCRAP)	366,681	1.9	31,045
15	760110	UNWROUGHT ALUMINIUM (ALUMINIUM-NOT ALLOYED)	140,651	0.6	873
16	283620	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (DISODIUM CARBONATE)	17,008	0.0	584

Table 6.4 (continued)

S no.	Primary inputs of imports	Description	India's average global imports (US\$ '000)	India's average imports from Pakistan, Sri Lanka and Bangladesh (%)	Sri Lanka and Bangladesh
17	382490	Prepared binders for foundry moulds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included (CHEMICAL PRODUCTS NES)	247,100	0.0	3,272
18	550320	Synthetic staple fibres, not carded, combed or otherwise processed for spinning (STAPLE FIBRES OF POLYESTER NT CRD/CMBD)	24,051	0.0	5,059
19	550410	Artificial staple fibres, not carded, combed or otherwise processed for spinning (VISCOSE RAYON STAPLE FIBRES NT CRD/COMBD)	6,478	0.0	348

6.3 Participation of Pakistan in 3-stage and 2-stage supply chains

Using the above methodology, 29 products are identified in the potential supply chain as products for final export by Pakistan (Table 6.5). In these products Pakistan is the top or second exporter in the region, exporting over US\$100,000. These are also the products with the potential to form regional supply chains. They include cotton; cotton yarn; woven fabrics of cotton; synthetic filament yarn; woven fabrics of synthetic filament yarn; other knitted or crocheted fabrics; men's or boys' shirts, knitted or crocheted; other garments, knitted or crocheted; other garments; blankets and travelling rugs; and other furnishing articles. In 22 of 29 products, Pakistan's share in the region is above 10 per cent, and in eight products Pakistan exports around 50 per cent or more of the region's total exports.

There are 27 stage I inputs identified by the potential supply chains. Of these 16 are from the T&C sector. These are mainly from chapter 55 (man-made staple fibres). There are three

tariff lines of chapter 52 (HS 520100, 520300 and 520511) for which Pakistan globally imports goods worth over US\$100,000. One of these products, cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton not put up for retail sale (HS 520511), is imported mainly from the region, while for 23 stage I inputs Pakistan sources under 10 per cent of its imports from the region. In most, the global regional exports exceed Pakistan's global imports, suggesting that the region has capacity to meet Pakistan's demand for stage I inputs.

103 primary inputs are identified in the potential supply chains for Pakistan. These are used in stage I inputs. Pakistan's global imports of each of these inputs have a total value of over US\$100,000 and the regional supply totals over US\$100,000. 97 of these inputs are from the non-T&C sector. The large number shows diversity in Pakistan's basket of global imports. In 72 of 103 products, Pakistan's regional imports are less than 10 per cent, while its global imports are worth more than the region's global exports, indicating insufficient capacity for only 14 products. These include products such as finishing agents; prepared binders for foundry moulds; and artificial staple fibres, not carded, combed or otherwise processed for spinning.

Appendix Table A.3 reports the top exporter of the inputs identified in the potential supply chain for Pakistan, with the export unit values of the top exporter and other suppliers in the region. The table also reports the existing tariffs and whether the input is listed in Pakistan's sensitive list under SAFTA.

117 unique products have been identified, in 13 of which the top exporter to Pakistan is India. This indicates that in these 13 products regional supply has already been initiated. In 61 products, the export unit value of the top exporter is higher than that of the regional supplier. It should be noted that export unit values can be used only as indicative of prices, as the data at this level of disaggregation may not fully capture product differentiation in terms of quality. However, these do reflect the potential and economic rationale for establishing supply chains in the region. In 45 products, Pakistan's tariffs are greater than 5 per cent, while 17 products are on the SAFTA sensitive list.

Table 6.5. Output and inputs of potential exports and potential imports in the identified 3-stage and 2-stage supply chains for Pakistan (average for 2005–2007)

S no.	Final output for exports	Description	Pakistan's average global exports (US\$'000)	Pakistan's share in south Asia's exports (%)	Share of south Asia in world exports (%)
1	520300	Cotton, carded or combed (COTTON CARDED OR COMBED)	11,701	70	7
2	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	146,967	29	68
3	520921	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing more than 200 g/m² (BLEACHED COTTON FABRICS, PLAIN WEAVE WEIGHING MORE THN 200 GM PER SQM)	4,093	25	18
4	520942	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing than 200 g/m² (DENIM)	85,098	41	6
5	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	16,529	14	5
6	540239	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHER TEXTURED YARN)	672	9	2
7	540252	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHR YARN OF POLYESTERS,SINGLE,WITH A TWIST EXCEEDING 50 TURNS/PER METRE)	688	12	3

Table 6.5 (continued)

S no.	Final output for exports	-	Pakistan's average global exports (US\$'000)	Pakistan's share in south Asia's exports (%)	Share of south Asia in world exports (%)
8	540710	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 (WOVEN FBRCS OBTND FROM HIGH TENACITY YRN OF NYLON OR OTHR POLYAMIDES, OR OF POLYESTERS)		1	21
9	540754	Woven fabrics of synthetic filament yarn, including woven fabrics obtained from materials of heading 5404 (WOVEN FABRCS, PRINTED, CNTNG BY WT>=85 per cent TEXTURED POLYESTER FILAMENTS)	2,346	3	7
10	540822	Woven fabrics of artificial filament yarn, including woven fabrics obtained from materials of heading 5405 (OTHER WOVEN FABRICS CNTNG BY WT>=85 per cent OF ARTIFICIAL FILAMENT/STRIP/LIKE, DYED)		1	3
11	551030	Yarn (other than sewing thread) of artificial staple fibres, not put up for retail sale (OTHR YRN MXD MAINLY, SOLELY WTH COTTON)	1,280	24	7
12	551311	Woven fabrics of synthetic staple fibres, containing less than 85 per cent by weight of such fibres, mixed mainly or solely with cotton, of a weight not exceeding 170g/m² (WOVEN FABRICS OF POLYESTER STAPLE FIBRES, PLAIN WEAVE, UNBLECHED OR BLEACHED)	36,088	88	6
13	580710	Labels, badges and similar articles of textile materials, in the piece, in strips or cut to shape or size not embroidered (LABELS BADGES & THE LIKE, WOVEN)	4,028	44	1
14	600621	Other knitted or crocheted fabrics (OTHR KNITTED OR CROCHETD FBRCS OF COTTON , UNBLCHD OR BLCHD)	4,750	33	2

Table 6.5 (continued)

S no.	Final output for exports	Description	Pakistan's average global exports (US\$'000)	Pakistan's share in south Asia's exports (%)	Share of south Asia in world exports (%)
15	600632	Other knitted or crocheted fabrics (OTHR KNITD OR CROCHETD FBRCS OF SYN FIBRS, DYED)	920	59	0
16	600690	Other knitted or crocheted fabrics (OTHR KNITD OR CROCHETD FBRCS OF OTHER FIBRES)	26,473	82	6
17	610590	Men's or boys' shirts, knitted or crocheted (SHIRTS OF OTHR TEXTILE MATERIAL)	97,784	50	42
18	611420	Other garments, knitted or crocheted (OTHER GARMENTS OF COTTON)	69,365	55	10
19	611430	Other garments, knitted or crocheted (OTHER GARMENTS OF MAN-MADE FIBRES)	6,073	47	1
20	611599	Pantyhose, tights, stockings, socks and other hosiery, including graduated compression hosiery(for example, stockings for varicose veins) and footwear without applied soles, knitted or crocheted (OTHER HOSIERY OF OTHER TEXTILE MATERIALS)	12,180	53	11
21	611692	Gloves, mittens and mitts, knitted or crocheted (OTHER GLOVES ETC OF COTTON)	29,241	85	12
22	611710	Other made up clothing accessories, or crocheted; knitted or crocheted parts of garments or of clothing accessories (SHWL, SCRV, MUFLR, MANTLAS, VEILS & THE LIKE)	4,723	23	2
23	621143	Track suits, ski suits and swimwear; other garments (OTHER GARMENTS OF MAN-MADE FIBRES)	2,691	11	2
24	621420	Shawls, scarves, mufflers, mantillas, veils and the like (SHWLS, SCARVES ETC OF WOOL/FINE ANML HAIR)	982	2	16

Table 6.5 (continued)

S no.	Final output for exports	Description	Pakistan's average globa exports (US\$'000)	Pakistan's Il share in south Asia's exports (%)	Share of south Asia in world exports (%)
25	621490	Shawls, scarves, mufflers, mantillas, veils and the like (SHWLS, SCRVS ETC OF OTHER TXTL MATERIALS)	22,108	15	39
26	630140	Blankets and travelling rugs (BLANKETS (OTHER THAN ELECTRIC BLANKETS) AND TRAVELLING RUGS,OF SYNTHETIC FIBRES)	2,017	13	1
27	630190	Blankets and travelling rugs (BLANKETS AND TRAVELLING RUGS OF OTHR FIBRE)	4,137	19	17
28	630492	Other furnishing articles, excluding those of heading 9404 (OTHR FRNSHNG ARTCLS OF COTN, NT KNTD/CRCHTD)	9,056	1	72
29	630790	Other made up articles, including dress patterns (OTHER MADE UP ARTICLES)	45,796	10	9
S no.	Stage 1 inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's average imports from Bangladesh, India and Sri Lanka (%)	
1	281511	Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash); peroxides of sodium or potassium (SOLID SODIUM HYDROXIDE (CAUSTIC SODA))	3,880	0.0	7,310
2	282300	Titanium oxides (TITANIUM OXIDES)	6,158	1.1	32,397
3	320411	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (DISPERSE DYES & PREPARATIONS BASED THEREON)	13,730	4.7	16,415

Table 6.5 (continued)

S no.	Stage 1 inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's average imports from Bangladesh, India and Sri Lanka (%)	-
4	320415	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of kind used as fluorescent a brightening agents or as luminoph (VAT DYES (INCL THOSE USABLE IN THAT STATE AS PIGMNTS & PREPRATIONS BASED THEREON)	14,490	3.9	33,855
5	320416	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agents or as luminoph (REACTIVE DYES & PREPTNS BASED THEREON)	44,503	19.0	181,614
6	320417	Synthetic organic coloring matter whether or not chemically defined; preparations as in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (PIGMENTS & PREPTNS BASED THEREON)	19,388	7.9	233,064

Table 6.5 (continued)

S no.	Stage 1 inputs of imports	Description (Pakistan's average global imports (US\$ '000)	Pakistan's average imports from Bangladesh, India and Sri Lanka (%)	-
7	320420	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (SYNTHETIC ORGANIC PRDCTS OF A KIND USED AS FLUORESCENT BRIGHTENING AGENS)	2,508	9.8	40,714
8	320649	Other colouring matter; Preparations as specified in Note 3 to this Chapte other than those of Headings 3203, 3204 or 3205; Inorganic products or a kind used as luminophores, whether or not chemically defined (OTHR COLRNG MATR AND OTHR PRPTNS)	r, F er	4.5	9,894
9	340311	Lubricating preparations (including preparations, bolt or nut release preparations, anti-rust or anti-corrosion preparations and mould release preparations, based on lubricants) and preparations of a kind used for the oil or grease treatment of (PRPNS FOR THE TRTMNT OF TXTL MATRLS LEATHER FURSKINS/OTHER MATERIALS CONTNG PETROLEUM OILS/OIL OBTND FROM BITMNS MNRLS)	3,613	0.7	1,270
10	350510	Dextrins and other modified starches (for example, pregelatinised or esterified starches); glues based on starches, or on dextrins or other modified starches (DEXTRINS & OTHER MODIFIED STARCHES)	1,958	2.1	9,318

Table 6.5 (continued)

S no.	Stage 1 inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's average imports from Bangladesh India and Sri Lanka (%)	Global exports of Bangladesh, , India and Sri Lanka (US\$ '000)
	380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dye-stuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or include (PRPNS USD IN TXTL INDUSTRY)	19,224	3.0	15,847
12	510529	Wool and fine or coarse animal hair, carded or combed (including combed wool in fragments) (WOOL TOPS AND OTHER COMBED WOOL)	1,016	60.8	24,183
13	520100	Cotton, not carded or combed (COTTON, NOT CARDED OR COMBED)	477,043	31.1	1,027,028
14	520300	Cotton, carded or combed (COTTON CARDED OR COMBED)	2,991	3.8	4,956
15	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	2,075	98.3	360,019
16	540220	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (HIGH TENACITY YARN OF POLYESTERS)	451	3.8	14,942
17	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	61,566	0.1	100,303

Table 6.5 (continued)

S no.	Stage 1 inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's average imports from Bangladesh, India and Sri Lanka (%)	
18	540269	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHER YARN, MULTIPLE (FOLDED) OR CABLED)	1,710	1.1	4,107
19	550130	Synthetic filament tow (SYNTHTC FILAMNT TOW, ACRYLIC/MODACRYLIC)	9,292	0.0	3,523
20	550320	Synthetic staple fibres, not carded, combed or otherwise processed for spinning (STAPLE FIBRES OF POLYESTER NT CRD/CMBD)	61,873	0.0	122,227
21	550410	Artificial staple fibres, not carded, combed or otherwise processed for spinning (VISCOSE RAYON STAPLE FIBRES NT CRD/COMBD)	46,658	5.6	34,837
22	550510	Waste (including noils, yarn waste and garnetted stock) of man-made fibres (WASTE ETC.OF SYNTHETIC FIBRES)	1,144	0.0	6,071
23	550620	Synthetic staple fibres, carded combed or otherwise processed for spinning (STAPLE FIBRS OF POLYESTERS, CARDED/COMBED)	1,306	0.0	690
24	550630	Synthetic staple fibres, carded combed or otherwise processed for spinning (STAPLE FIBRES OF ACRYLC/MODACRYLC, CRD/CMBD)	542	0.4	498
25	550953	Yarn (other than sewing thread) of synthetic staple fibres, not put up for retail sale (OTHER YARN OF POLYSTER STAPLE FIBRS MIXED MAINLY/SOLELY WITH COTTON)	179	7.3	53,336

Table 6.5 (continued)

S no.	Stage 1 inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's average imports from Bangladesh, India and Sri Lanka (%)	
26	560410	Rubber thread & cord, textile covered; textile yarn, and strip and the like of heading 54 04 or 54 05, impregnated, coated, covered or sheathed with rubber or plastics (RUBBER THREAD AND CORD, TEXTILE COVERED)	651	0.5	358
27	600191	Pile fabrics, including "long pile" fabrics and terry fabrics, knitted or crocheted (OTHER PILE FABRICS OF COTTON)	642	0.0	9,365
S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
1	250100	Salt (including table salt and denatured salt) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free flowing agents; Sea water (SALT (INCL TABLE SALT & DENATRD SALT) & PURE SODIM CHLRDE W/N AQS SOLN SEA WTR)	226	7.1	31,521
2	250300	Sulphur of all kinds, other than sub-limited sulphur, precipitated sulphur and colloidal sulphur (SULPHUR OF ALL KNDS OTHR THN SUBLIMED SULPHUR PCPTD SULPHUR & COLLOIDAL SULPHUR)	1,053	0.0	11,523
3	260700	Lead ores and concentrates ORES & CONCENTRATES)	173	0.0	57,161

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
4	271019	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included, containing by weight 70 per cent or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic cons (OTHER PETROLEUM OILS AND OILS OBTAIND FROM BITUMINOUS MINERALS ETC)	97,779	7.7 1	1,715,608
5	280200	Sulphur, sublimed or precipitated; colloidal sulphur (SULPHUR SUBLIMD/PRECPTATED COLLDL SULPHUR)	1,284	0.2	12,461
6	280540	Alkali or alkaline-earth metals; rare-earth metals, scandium and yttrium, whether or not intermixed or interalloyed; mercury (MERCURY)	151	0.0	112
7	281000	Oxides of boron;boric acids (OXIDES OF BORON BORIC ACIDS)	541	0.0	674
8	281119	Other inorganic acids and other in-organic oxygen compounds of non-metals (OTHER INORGANIC ACIDS)	190	12.6	2,648
9	281511	Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash peroxides of sodium or potassium (SOLID SODIUM HYDROXIDE (CAUSTIC SODA))	3,880	0.0	7,310
10	281520	Sodium hydroxide (caustic soda); potassium hydroxide (caustic potash peroxides of sodium or potassium (POTASSIUM HYPROXIDE (CAUSTIC POTASH))		3.4	2,676

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
11	282410	Lead oxides; red lead and orange lead (LEAD MONOXIDE (LITHARGE, MASSICOT))	112	0.0	276
12	282580	Hydrazine and hydroxylamine and their inorganic salts; other inorganic bases; other metal oxides, hydroxides and peroxides (ANTIMONY OXIDES)	599	0.0	2,051
13	282710	Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide oxides (AMMONIUM CHLORIDE)	139	0.0	916
14	282731	Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide oxides (CHLORIDES OF MAGNESIUM)	144	2.1	386
15	282739	Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide oxides (OTHER CHLORIDE; NES)	956	19.5	15,651
16	283110	Dithionites and sulphoxylates (DITHONITES AND SULPHO- XYLATES OF SODIUM)	4,437	17.2	5,129
17	283210	Sulphites; thiosulphates (SODIUM SULPHITE)	878	13.3	1,234
18	283311	Sulphates; alums; peroxo- sulphates (persulphates) (DISODIUM SULPHATE)	1,827	0.2	482
19	283319	Sulphates; alums; peroxo- sulphates (persulphates) (OTHER SODIUM SULPHATES)	327	3.7	2,091
20	283325	Sulphates; alums; peroxo- sulphates (persulphates) (COPPER SULPHATE)	440	0.0	827
21	283410	Nitrites; nitrates (NITRITES)	153	0.0	1,013

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
22	283525	Phosphinates (hypophosphites), phosphonates (phosphites), phosphates and polyphosphates whether or not chemically defined (CALCIUM HYDRO-GENORTHO PHOSPHATE ("DICALCIUM PHOSPHATE"))	2,866	0.5	1,181
23	283529	Phosphinates (hypophosphites), phosphonates (phosphites), phosphates and polyphosphates whether or not chemically defined (OTHER PHOSPHATES)	461	1.3	724
24	283630	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (SODIUM HYDROGEN CARBONATE (SODIUM BICARBONATE))	1,599	0.5	2,285
25	283640	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (POTASSIUM CARBONATES)	872	0.0	410
26	283650	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (CALCIUM CARBONATE)	1,440	0.6	2,749
27	283699	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (OTHER CARBONATES PERCARBONATES)	4,337	0.1	1,904
28	284290	Other salts of inorganic acids or peroxoacids (including aluminosilicates whether or not chemically defined), other than azides (OTHR SALTS OF INORGANIC ACIDS/PEROXOACIDS)	101	1.0	581

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
29	284700	Hydrogen peroxide, whether or not solidified with urea (HYDROGEN PEROXIDE W/N SOLIDIFIED WITH UREA)	16,225	0.0	736
30	290241	Cyclic hydrocarbons (O-XYLENE)	16,726	56.8	145,447
31	290290	Cyclic hydrocarbons (OTHER CYCLIC HYDROCARBONS)	1,447	0.8	28,534
32	290410	Sulphonated, nitrated or nitrosated derivatives of hydro- carbons, whether or not halogenated (DRVTVS CNTNG ONLY SULPHO GROUPS, THEIR SALTS AND ETHYL ESTERS)	2,114	80.0	70,667
33	290420	Sulphonated, nitrated or nitrosated derivatives of hydro- carbons, whether or not halo- genated (DRVTVS CNTNG ONLY NITRO/NITROSO GRPS)	503	10.1	5,175
34	290490	Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated (OTHR SULPHONTD NITRTD/NITRSTD DRVTVS)	375	19.5	24,633
35	290511	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATURATED METHANOL (METHYL ALCOHOL))	10,706	0.0	8,698
36	290512	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATURATED PROPAN-1OL (PROPYL ALCOHOL) AND PROPAN-2-OL (ISOPROPYL ALCOHOL))	3,449	0.1	5,556
37	290513	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATURATED BUTAN-1-OL (N-BUTYL ALCOHOL))	378	0.5	2,858

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
38	290516	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (SATRTD OCTNL(OCTYL ALCHL) & ISMRS THEREOF)	1,647	0.0	1,363
39	290711	Phenols; phenol-alcohols (PHENOL (HYDROXYBENZENE) AND ITS SALTS)	3,339	0.0	4,517
40	290715	Phenols; phenol-alcohols (NAPHTHOLS AND THEIR SALTS)	222	18.5	1,881
41	290729	Phenols; phenol-alcohols (OTHER POLYPHENOLS)	316	32.3	38,112
42	290810	Halogenated Derivatives of Phenols or Phenol-alcohols, Their Salts	266	2.6	2,679
43	291300	Halogenated, sulphonated, nitrated or nitrosated derivatives of products of heading 2912 (HALGNTD SLPHNTD NITRTD/ NITRSTD DRVTVS OF PRODUCTS OF HEADING NO. 2912)	143	0.0	3,284
44	291421	Ketones and Quinones, whether or not with other oxygen function, and their halogenated, sulphonated nitrated or nitrosated derivatives (CAMPHOR)	110	2.7	537
45	291469	Ketones and Quinones, whether or with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHER QUINONES)	390	3.8	1,158
46	291470	Ketones and Quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives (HALGNTD, SULPHNTD, NITRTD/ kNITROSTD DRVTVS OF KETOKES AND QUINONES)	130	0.8	12,093

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
47	291511	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (FORMIC ACID)	2,621	1.8	250
48	291521	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (ACETIC ACID)	15,708	0.1	11,916
49	291522	Sodium Acetate	179	22.3	1,564
50	291524	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (ACETIC ANHYDRIDE)	276	8.7	897
51	291539	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHER ESTERS OF ACETIC ACID)	2,062	1.1	30,362
52	291590	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHR SATRTD ACYLC, MNOCRBOXYLC ACDS & ANHYDRDS, HALDS, PEROXDS, PEI ACIDS & THR HALGNTD SLPHNTD NITRTD & NITRSTD DRVTVS)	2,447 ROXY	11.2	15,285

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
53	291639	Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHR ARMTC MONOCRBOXYLC ACDS, THR ANHYDRDS HALIDES, PEROXIDES, PEROXYACID: & THR DRVTVS)	3,618 S	0.2	4,831
54	291719	Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHR ACYLC PLYCRBOXYLC ACDS THR ANHYDRDS HALIDES, PEROXIDES, PEROXYACDS & THR DRVTVS)	576	42.7	11,184
55	291735	Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (PHTHALIC ANHYDRIDE	3,897	24.3	68,914
56	291739	Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (OTHR ARMTC PLYCRBOXYLC ACIDS THR ANHYDRDS HALIDES PEROXIDES PEROXYACDS & THR DRVTVS)	4,002	3.3	22,227
57	291830	Carboxylic acids with additional oxygen function and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives (CRBXYLC ACIDS WTH ALDHYD/KETONE FNCTN BUT WTHOUT OTHR OXYGN FNCTN THR ANHYDRDS HALDS PERO-XYACIDS & THR DRVTVS)	1,462	13.5	3,210

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
58	292111	Amine function compounds (MTHYLAMINE DI-OR TRIMTHYL AMINE & THR SLTS)	192	56.8	8,656
59	292119	Amine function compounds (OTHR ACYCLIC MONOAMINES & THEIR DERIVATIVES SALTS THEREOF)	507	7.3	4,888
60	292121	Amine function compounds (ETHYLENEDIAMINE AND ITS SALTS)	357	0.0	421
61	292130	Amine function compounds (CYCLANIC CYCLENIC/CYCLO- TRPNC MONO-OR POLYAMINS & THR DRVTVS; SLTS THEREOF)	382	0.3	1,702
62	292141	Amine function compounds (ANILINE AND ITS SALTS)	234	45.7	26,017
63	292142	Amine function compounds (ANILINE DERIVATIVES AND THEIR SALTS)	812	22.4	46,376
64	292143	Amine function compounds (TOLUIDINES AND THEIR DRVTVS SLTS THEREOF)	339	43.4	15,725
65	292145	Amine function compounds (1-NAPHTHYLAMINE 2-NAPHTHYLAMINE AND THEIR DERIVATIVES; SALTS THEREOF)	1,471	15.2	11,397
66	292149	Amine function compounds (OTHR ARMTC MONO AMNS & THR DRVTVS AND SLTS)	3,690	2.7	12,237
67	292151	Amine function compounds (O-M-P-PHENYLENEDIAMINE DIAMINOTOLUENE AND THEIR DRVTVS SALTS THEREOF)	943	20.8	19,581
68	292211	Oxygen-function amino-compounds (MONOETHANOLAMINE AND ITS SALTS)	787	0.1	1,310

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
69	292212	Oxygen-function amino- compounds (DIETHANOLAMINE AND ITS SALTS)	736	2.4	886
70	292221	Oxygen-function amino- compounds (AMNOHYDRXYN- PHTHLENESLPHNC ACDS & THR SLTS)	4,166	42.0	41,154
71	292229	Oxygen-function amino- compounds (OTHR AMINO- NAPTHLS & OTHR AMINO-PHNLS THR ETHRS & ESTRS OTHR THN THOSE CNTNG MORE THN ONE KND OF EXYGN FNCTN SLTS THEREOF)	2,598	8.1	34,796
72	292429	Carboxyamide-function compounds; amide-function compounds of carbonic acid (OTHR CYCLC AMIDES (INCL CYCLC CRBAMATES) & THEIR DERIVATIVES & SALTS THEREOF)	8,728	3.5	12,282
73	292700	Diazo-, azo- or azoxy-compounds (DIAZO-AZO-OR AZOXY- COMPOUNDS)	2,761	3.2	5,445
74	293090	Organo-sulphur compounds (OTHER ORGANO-SULPHUR COMPOUNDS)	9,540	0.6	13,026
75	293319	Heterocyclic compounds with nitrogen hetero-atom(s) only (OTHR HTRCYCLC CMPNDS CNTNG AN UNFUSED PYRZL RING (W/N HYDRGNTD) IN THE STRUCTURE)	1,374	26.3	22,053
76	293331	Heterocyclic compounds with nitrogen hetero-atom(s) only (PYRIDINE AND ITS SALTS)	154	30.5	56,791
77	293339	Heterocyclic compounds with nitrogen hetero-atom(s) only (OTHR CMPNDS CNTNG AN UNFUSED PYRDN RING (W/N HYDRGNTD) IN THE STRUCTURE)		5.8	45,197

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
78	293369	Heterocyclic compounds with nitrogen hetero-atom(s) only (OTHR CMPNDS CNTNG AN UNFUSED TRIAZINE RING (W/N HYDROGENATED) IN THE STRUCTURE)	1,790	1.2	5,795
79	293500	Sulphonamides (SULPHONAMIDES)	8,091	9.9	45,138
80	320300	Colouring matter of vegetable or animal origin (including dyeing extracts but excluding animal black), whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on colouring matter of vegetable or animal origin (COLRNG MATR OF VEGTBL/ANML ORGN (INCL DYNG EXTRCT EXCL ANML BLCK) W/N CMCLY DFND)	2,745	89.8	5,267
81	320411	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (DISPERSE DYES & PREPARATIONS BASED THEREON)	13,730	4.7	16,415
82	320412	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (ACID DYES W/N PREMETALSD & PRPTNS BASED THERON MORDNT DYES & PRPTNS BASED THRON)	7,770	46.6	121,701

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
83	320413	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (BASIC DYES AND PREPARATIONS BASED THEREON)	4,023	24.5	23,546
84	320415	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (VAT DYES (INCL THOSE USABLE IN THAT STATE AS PIGMN'& PREPRATIONS BASED THEREON)	TS	3.9	33,855
85	320416	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (REACTIVE DYES & PREPIBASED THEREON)	44,503 FNS	19.0	181,614
86	320417	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (PIGMENTS & PREPTNS BASED THEREON)	19,388	7.9	233,064

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
87	320419	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (OTHR INCL MIXR OF COLRNG MATR OF TWO OR MORE OF SUB-HDNG 320411 TO 320419)	10,401	7.0	75,406
88	320490	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (OTHR SYNTHETIC ORGANIC COLORING MATTER)	492	29.1	22,358
89	340219	Organic surface-active agents (other than soap), surface-active preparations, washing preparations (including auxiliary washing preparations) and cleaning preparations, whether or not containing soap, other than those of Heading 3401 (OTHR ORNGC SRFCE-ACTV AGNTS W/N FOR RTL SL)	2,530	1.2	6,820
90	350510	Dextrins and other modified starches (for example, pregelatinised or esterified starches); glues based on starches, or on dextrins or other modified starches (DEXTRINS & OTHER MODIFIED STARCHES)	1,958 I	2.1	9,318
91	380210	Activated carbon; activated natural mineral products; animal black, including spent animal black (ACTIVATED CARBON)	1,488	3.8	38,665

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
92	380400	Residual lyes for the manufacture of wood pulp, whether or not concentrated, desugared or chemically treated, including lignin sulphonates, but excluding to oil of Heading 3803 (RSDUL LYES FROM MNFCTR OF WOOD PULP-W. CNCNTRTD, DESUGRD/CHMCLY TRINCL LIGNIN SLPHNTS-BUT EXCL TALL OIL OF HDG 3803)	∕N	0.0	241
93	380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dystuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industration of elsewhere specified or include (PRPNS USD IN TXTL INDUSTRY)	e	3.0	15,847
94	381512	Reaction initiators, reaction accelerators and catalytic preparation not elsewhere specified or included (SUPPRTD CATALYSTS WTH PRCUS MTL/ITS CMPNDS)		0.1	8,187
95	382490	Prepared binders for foundry mould or cores; chemical products and preparations of the chemical or allie industries (including those consistin of mixtures of natural products), no elsewhere specified or included (CHEMICAL PRODUCTS NES)	ed g	1.7	47,372
96	520100	Cotton, not carded or combed (COTTON, NOT CARDED OR COMBED)	477,043	31.1	1,027,028
97	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	2,075	98.3	360,019

Table 6.5 (continued)

S no.	Primary inputs of imports	Description	Pakistan's average global imports (US\$ '000)	Pakistan's imports from Bangladesh, Sri Lanka and India (%)	Global exports of Bangladesh, Sri Lanka and India (US\$ '000)
98	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	61,566	0.1	100,303
99	540269	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHER YARN, MULTIPLE (FOLDED) OR CABLED)	1,710	1.1	4,107
100	550320	Synthetic staple fibres, not carded, combed or otherwise processed for spinning (STAPLE FIBRES OF POLYESTER NT CRD/CMBD)	61,873	0.0	122,227
101	550410	Artificial staple fibres, not carded, combed or otherwise processed for spinning (VISCOSE RAYON STAPLE FIBRES NT CRD/COMBD)	46,658	5.6	34,837
102	690100	Bricks, blocks, tiles and other ceramic goods, of siliceous fossil meals (for example, kieselguhr, tripolite or diatomite or of similar siliceous earths (BRICKS,BLOCKS ETC OF SILICEOUS FOSSIL MEAL (KIESELGUHR ETC)/OF SMLR SILICEOUS EARTHS)	633	1.4	3,891
103	790310	Zinc dust, powders and flakes (ZINC DUST)	225	0.0	8,067

6.4 Participation of Sri Lanka in 3-stage and 2-stage supply chains

The 3-stage and 2-stage potential supply chains identify eight products of Sri Lanka for final export which have the potential to form regional supply chains (Table 6.6). These are the where Sri Lanka is the highest or second highest global exporter in the region. They are also the products where Sri Lanka exports products with a total value of over US\$100,000 and where regional exports total more than US\$100,000. The products are mainly from chapters 61 (articles of apparel and clothing accessories, knitted or crocheted) and chapter 62 (articles of apparel and clothing accessories, not knitted or crocheted).

Thirty-four inputs are identified as stage I inputs that may be imported from the region; of these 28 are from the T&C sector. These are mainly cotton, not carded or combed; cotton yarn; woven fabrics of cotton; and synthetic filament yarn. However, unlike the other countries in the region, Sri Lanka imports to a large extent from the region. Regional imports in 24 out of 34 products make up over 10 per cent of total imports. Sri Lanka's regional imports of cotton, not carded or combed (HS 520100) form less than 3 per cent, while the region has high global exports of cotton, not carded or combed. For some tariff lines in woven fabrics, regional supply capacity is limited, as Sri Lanka's global imports are much higher than the region's global exports.

There are 36 unique products that Sri Lanka can import regionally in either 2-stage or 3-stage identified supply chains. These products are listed in Appendix Table A.4. The table reports the top exporter of the product to Sri Lanka, together with the export unit values of the top exporter and the other three suppliers in the region. It should be reiterated that the export unit values are indicative in nature and may not reflect the true differences in price, as quality differences may not be captured at 6-digit disaggregation. Except for synthetic filament yarn (HS 540220), which Sri Lanka imports from the

Republic of Korea, the export unit value of all products in the case of one of the three regional suppliers is lower than the export unit value of the top exporter to Sri Lanka. None of the identified inputs are in Sri Lanka's sensitive list in SAFTA. This is indicative of the existing potential for regional imports for Sri Lanka.

Table 6.6. Output and inputs of potential exports and potential imports in the identified 3-stage and 2-stage supply chains for Sri Lanka (average for 2005–2007)

S no.	Final output for exports	Description	Sri Lanka's average global exports (US\$'000)	Sri Lanka's share in south Asia's exports (%)	Share of south Asia in world exports (%)
1	600632	Other knitted or crocheted fabrics (OTHR KNITD OR CROCHETD FBRCS OF SYN FIBRS, DYED)	487	31	0
2	610819	Women's or girls' slips, petticoats, briefs, panties, night dresses, pyjamas, negligees, bathrobes, dressing gowns and similar articles, knitted or crocheted (SLIPS & PETTICOATS OF OTHER TXTL MATRLS)	1,733	11	20
3	610831	Women's or girls' slips, petticoats, briefs, panties, night dresses, pyjamas, negligees, bathrobes, dressing gowns and similar articles, knitted or crocheted (NIGHTDRESSES AND PYJAMAS OF COTTON)	30,537	13	16
4	611420	Other garments, knitted or crocheted (OTHER GARMENTS OF COTTON)	1,776	1	10
5	611519	Pantyhose, tights, stockings, socks and other hosiery, including graduated compression hosiery(for example, stockings for varicose veins) and footwear applied soles, knitted or crocheted (PANTY HOSE & TIGHTS OF OTHR TXTL MATRLS)	7,509	55	3

Table 6.6 (continued)

S no.	Final output for exports	Description	Sri Lanka's average globa exports (US\$'000)	Sri Lanka's I share in south Asia's exports (%)	Share of south Asia in world exports (%)
6	611599	Pantyhose, tights, stockings, socks and other hosiery, including graduated compression hosiery (for example, stockings for varicose veins) and footwear without applied soles, knitted or crocheted (OTHER HOSIERY OF OTHER TEXTILE MATERIALS)	4,231	18	11
7	611692	Gloves, mittens and mitts, knitted or crocheted (OTHER GLOVES ETC OF COTTON)	2,872	8	12
8	621790	Other made up clothing accessories; parts of garments or of clothing accessories, other than those of heading 62 12 (PARTS OF GARMEN OF CLOTHNG ACCESSORIES)		25	1
S no.	Stage 1 inputs of imports	Description	Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
1	320411	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (DISPERSE DYES & PREPARATIONS BASED THEREON)	1,169	9.2	16,442
2	320415	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph(VAT DYES (INCL THOSI USABLE IN THAT STATE AS PIGMNT PREPRATIONS BASED THEREON)		30.7	33,900

Table 6.6 (continued)

S no.	Stage 1 inputs of imports	Description (Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
3	320416	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (REACTIVE DYES & PREPTNS BASED THEREON)	7,419	2.3	182,124
4	320419	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (OTHR INCL MIXR OF COLRNG MATR OF TWO OR MORE OF SUB-HDNG 320411 TO 320419)	1,111	43.6	75,501
5	320420	Synthetic organic coloring matter whether or not chemically defined; preparations as specified in Note 3 to this Chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agens or as luminoph (SYNTHETIC ORGANIC PRDCTS OF A KIND USED AS FLUORESCENT BRIGHTENING AGENS)	888	23.5	40,866
6	380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dye-stuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industrinot elsewhere specified or include (PRPNS USD IN TXTL INDUSTRY)		10.6	16,087

Table 6.6 (continued)

S no.	Stage 1 inputs of imports	Description	Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
7	520100	Cotton, not carded or combed (COTTON, NOT CARDED OR COMBED)	2,532	2.5 1	,088,919
8	520511	Cotton yarn (other than sewing thread), containing 85 per cent or more by weight of cotton, not put up for retail sale (SNGL YRN OF UNCMBD FBRS MEASURNG 714.29 DCTX/MORE (NT EXCDNG 14 MTRC NO))	18,852	99.7	506,932
9	520811	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRCS CONTNO >= 85 per cent BY WT OF COTN, UNBLEACHED PLAIN WEAVE WEIGING <= 100 G/M²)	12,175	94.7	182,534
10	520812	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRCS CONTNO >= 85 per cent BY WT OF COTN UNBLEACHD PLAINWEAVE WEIGING > 100 G/M²)	5,710	45.8	74,334
11	520813	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT OF COTN UNBLCHD 3/4 THRED TWILL INCL CROSS TWILL WEIGHNG NOT MORE THN 200 GM PER SQ M)		84.3	25,719
12	520819	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (OTHER COTN FABRICS UNBLEACHED CONTNG 85 per cent OR MORE BY WT OF COTN WEIGHING<=200 GM PER SQM)	18,806	95.1	382,207

Table 6.6 (continued)

S no.	Stage 1 inputs of imports	Description	Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
13	520821	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (BLECHD PLAIN WEAVE WEIGNG <= 100 G/M²)	4,290	66.9	48,597
14	520822	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT OF COTTON BLEACHD PLAIN WEAVE WEIGNG > 100 G/M²)	2,628	15.0	12,501
15	520823	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNG>=85 per cent BY WT OF COTN BLECHD, 3/4 THREAD TWILL INCL CROSS TWILL WEIGHING NOT MORE THN 200 GM PER SQM)	860	36.1	4,425
16	520829	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (OTHER COTTON FABRICS, BLEACHED CONTNG 85 per cent OR MORE BY WT OF COTTON WEIGHING NOT MORE THAN 200 GM PER SQM)	10,404	47.4	74,404
17	520831	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT OF COTN DYED PLAIN WEAVE WEIGNG <= 100 G/M²)	14,917	41.3	66,860

Table 6.6 (continued)

S no.	Stage 1 inputs of imports	Description	Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
18	520832	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNG >= 85 per cent BY WT OF COTN DYED, PLAIN WEAVE WEIGHNG >= 100 G/M²)	29,853	4.91	17,283
19	520833	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT OF COTN, DYED, 3/4 THRED TWILL INCL CROSS TWILL, WEIGHING NOT MORE THN 200 G/M²)	10,147	5.6	4,829
20	520839	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (OTHER COTTON FABRIC DYED CONTNG 85 per cent OR MO WT OF COTTON WEIGNG NOT MOTHN 200 GM PER SQM)	RE	44.9	53,491
21	520841	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT OF COTN PLAIN WEAVE, WEIGHING NOT MORE THAN 100 GM PER SQM OF YARN OF DIFFERENT COLOURS)		56.1	6,202
22	520842	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >=85 per cent BY WT OF COTN PLAIN WEAVE, WEIGHING MORE THAN 100 GM PER SQ M OF YARN OF DIFFERENT COLOURS)	45,208	3.9	13,120

Table 6.6 (continued)

S no.	Stage 1 inputs of imports	Description	Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
23	520843	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >85 per cent BY WT OF COTN 3-THREAD/4-THREAD TWILL INCL CROSS TWILL OF YARN OF DIFF CLRS WEIGHNG <= 200 GSM)	5,230	26.0	7,003
24	520849	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (OTHER COTN FABRICS OF YARN OF DIFFERENT COLOUR WITH COTN CONTENT MORE THN 85 per cent WEIGHNG NOT MORE THN 200 GM PER SQM)	4,357	1.3	6,850
25	520851	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >=85 per cent BY WT OF COTN PRINTED PLAIN WEAVE WEIGNG <=100 G PER SQM)	8,179	46.2	74,211
26	520852	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT COTN PRINTED,PLAIN WEAVE WEIGHING >100 G/M²)	13,535	21.3	41,862
27	520853	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (COTN FABRICS CONTNO >= 85 per cent BY WT OF COTN PRINTED 3/4-THREAD TWILL, INCL CROSS TWILL WEIGHING NOT MORE THN 200 GM PER SQM)		33.2	4,800

Table 6.6 (continued)

S no.	Stage 1 inputs of imports	Description (Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
28	520859	Woven fabrics of cotton, containing 85 per cent or more by weight of cotton, weighing not more than 200 g/m² (OTHR COTN FABRICS CONTNG>=85 per cent BY WT OF COTN, PRNTD, WEIGHING 200 G/M²)	7,258	34.0	110,264
29	540220	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (HIGH TENACITY YARN OF POLYESTERS)	2,160	1.7	14,888
30	540233	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilame of less than 67 decitex (TEXTURED YARN OF POLYESTERS)	6,767 nt	23.5	116,796
31	540269	Synthetic filament yarn (other than sewing thread), not put up for retail sale, including synthetic monofilament of less than 67 decitex (OTHER YARN, MULTIPLE (FOLDED) OR CABLED)	776	13.7	4,819
32	550320	Synthetic staple fibres, not carded, combed or otherwise processed for spinning (STAPLE FIBRES OF POLYESTER NT CRD/CMBD)	1,314	1.1	127,274
33	550953	Yarn (other than sewing thread) of synthetic staple fibres, not put up for retail sale (OTHER YARN OF POLYSTER STAPLE FIBRS MIXED MAINLY/SOLELY WITH COTTON)	2,646	33.11	70,150
34	560410	Rubber thread & cord, textile covered; textile yarn, and strip and the like of heading 54 04 or 54 05, impregnated, coated, covered or sheathed with rubber or plastics (RUBBER THREAD AND CORD, TEXTILE COVERED)	2,066	0.05	355

Table 6.6 (continued)

S no.	Primary inputs of imports	Description	Sri Lanka's average global imports (US\$ '000)	Sri Lanka's average imports from Pakistan, Bangladesh and India (%)	Global exports of Pakistan, Bangladesh and India (US\$ '000)
1	310210	Mineral or chemical fertilisers, nitrogenous (UREA WHETHER OR NOT IN AQUEOUS SOLUTION)	39,462	0.03	76,073
2	740400	Copper waste and scrap (COPPER WASTE & SCRAP)	16,390	4.6	40,865