Appendix A

Classification of GVC-related exports

GVC-related exports are categorized into 5 sectors, namely, apparel and footwear, automobile, electronics, primary food, and processed food. Each sector is further classified into 2 types: intermediate and final goods. For apparel and footwear, automobile and electronics sector, we follow the classification from Sturgeon and Memedovic (2010) to categorize final and intermediate products in apparel and footwear, automobile and electronics sector. For the primary and processed food, the classification is based on BEC nomenclature: final goods are defined as the products classified under BEC as those for household consumption, while intermediate goods are products those for industrial use. Tables 1 to 10 provide the full details.

Lists of customized, product-specific, differentiated intermediate and final products

Table B.1. Apparel and footwear – intermediate products

BEC	SITC	SITC Description
22	65225	Other woven fabrics of cotton, unbleached, weight <200 g/m2
22	6536	Fabrics, woven, containing 85% or more by weight of artificial staple fibres
22	65112	Yarn of carded wool, containing 85% or more by weight of wool, not put up for retail sale
22	65113	Yarn of combed wool, containing 85% or more by weight of wool, not put up for retail sale
22	65114	Yarn of fine animal hair (carded or combed), not put up for retail sale
22	65115	Yarn of coarse animal hair or of horsehair (including gimped horsehair yarn), whether or not put up for retail sale
22	65117	Yarn of carded wool containing less than 85% by weight of wool, not put up for retail sale
22	65118	Yarn of combed wool containing less than 85% by weight of wool, not put up for retail sale
22	65121	Cotton sewing thread, not put up for retail sale
22	65133	Cotton yarn (other than sewing thread), containing 85% or more by weight of cotton, not put up for retail sale
22	65134	Cotton yarn (other than sewing thread), containing less than 85% by weight of cotton, not put up for retail sale
22	65141	Sewing thread of synthetic filaments, whether or not put up for retail sale
22	65142	Sewing thread of artificial filaments, whether or not put up for retail sale
22	65143	Sewing thread of synthetic staple fibres, whether or not put up for retail sale
22	65144	Sewing thread of artificial staple fibres, whether or not put up for retail sale
22	65151	Filament yarn (other than sewing thread), of nylon or other polyamides, not put up for retail sale
22	65152	Filament yarn (other than sewing thread) of polyesters, not put up for retail sale

BEC	SITC	SITC Description
22	65159	Other synthetic filament yarn (other than sewing thread), not put up for retail sale
22	65163	Other synthetic yarn, single, untwisted or with a twist not exceeding 50 turns per metre, not put up for retail sale
22	65164	Other synthetic yarn, single, with a twist exceeding 50 turns per metre, not put up for retail sale
22	65169	Other synthetic yarn, multiple (folded) or cabled, not put up for retail sale
22	65172	Textured artificial filament yarn, not put up for retail sale
22	65174	Other yarn, single, of viscose rayon, untwisted or with a twist not exceeding 120 turns per metre, not put up for retail sale
22	65175	Other artificial filament yarn, single
22	65176	Other artificial filament yarn (other than sewing thread), multiple (folded) or cabled, put up for retail sale
22	65177	Artificial monofilament of 67 decitex or more and of which no cross- sectional dimension exceeds 1 mm; strip and the like (e.g., artificial straw) of artificial textile materials of an apparent width not exceeding 5 mm
22	65182	Yarn containing >85% synthetic fibres, not for retail sale
22	65184	Yarn containing <85% synthetic fibres, not for retail sale
22	65186	Yarn (other than sewing thread) containing 85% or more by weight of artificial staple fibres, not put up for retail sale
22	65187	Yarn (other than sewing thread) of artificial staple fibres, containing less than 85% by weight of these fibres, not put up for retail sale
22	65188	Synthetic monofilament of 67 decitex or more and of which no cross- sectional dimension exceeds 1 mm; strip and the like (e.g., artificial straw) of synthetic textile materials of an apparent width not exceeding 5 mm
22	65192	Silk yarn (other than yarn spun from silk waste), not put up for retail sale
22	65221	Woven fabrics containing >85% cotton, unbleached, weight <200 g/m2
22	65222	Woven fabrics containing >85% cotton, unbleached, weight >200 g/m2
22	65223	Woven cotton fabrics containing <85% cotton unbleached, mixed mainly or solely with man-made fibres weight <200 g/m2
22	65224	Woven cotton fabrics containing <85% cotton unbleached weight >200 g/m2
22	65225	Other woven fabrics of cotton, unbleached, weight <200 g/m2
22	65226	Other woven fabrics of cotton, unbleached, weight >200 g/m2
22	65231	Other woven fabrics, >85% cotton, weight <200 g/m2, bleached
22	65232	Other woven fabrics, >85% cotton, weight <200 g/m2, dyed
22	65233	Other woven fabrics, >85% cotton, weight <200 g/m2, of yarns of different colours
22	65234	Other woven fabrics, >85% cotton, weight <200 g/m2, printed
22	65241	Other woven fabrics, >85% cotton, weighing more than 200 g/m2, bleached
22	65242	Other woven fabrics, >85% cotton, weighing more than 200 g/m2, dyed
22	65243	Other woven fabrics, >85% cotton, weighing more than 200 g/m2, denim
22	65244	Other woven fabrics, >85% cotton, weighing more than 200 g/m2, of yarns of different colours
22	65245	Other woven fabrics, >85% cotton, weighing more than 200 g/m2, printed

BEC	SITC	SITC Description
22	65251	Other woven cotton fabrics, <85% of cotton, bleached
22	65252	Other woven cotton fabrics,<85% of cotton, dyed
22	65253	Other woven cotton fabrics,<85% of cotton, of different colours
22	65254	Other woven cotton fabrics, <85% of cotton, printed
22	65261	Other woven cotton fabrics, <85% of cotton, bleached
22	65262	Other woven cotton fabrics, <85% of cotton, dyed
22	65263	Other woven cotton fabrics, <85% of cotton, denim
22	65264	Other woven cotton fabrics, <85% of cotton, of different colours
22	65265	Other woven cotton fabrics, <85% of cotton, printed
22	65291	Other woven fabrics of cotton, bleached, <200 g/m2
22	65292	Other woven fabrics of cotton, dyed, <200 g/m2
22	65293	Other woven fabrics of cotton, of yarns of different colours, <200 g/m2
22	65294	Other woven fabrics of cotton, printed, <200 g/m2
22	65295	Other woven fabrics of cotton, bleached, weighing more than 200 g/m2
22	56296	Other woven fabrics of cotton, dyed, weighing more than 200 g/m2
22	65297	Other woven fabrics of cotton, of yarns of different colours, weighing more than 200 g/m2
22	65298	Other woven fabrics of cotton, printed, weighing more than 200 g/m2
22	65314	Other woven fabrics, containing 85% or more by weight of filaments of nylon or other polyamides
22	65315	Other woven fabrics, containing 85% or more by weight of polyester filaments
22	65616	Other woven fabrics, containing 85% or more by weight of non-textured polyester filaments
22	65317	Other woven fabrics, containing 85% or more by weight of synthetic filaments, n.e.s.
22	65318	Other woven fabrics, <85% of synthetic filaments, mixed mainly or solely with cotton
22	65319	Woven fabrics of synthetic filaments, n.e.s.
22	65321	Fabrics, woven, of synthetic staple fibres, containing 85% or more by weight of such fibres (other than pile and chenille fabrics) of polyester staple fibres
22	65325	Fabrics, woven, of synthetic staple fibres, containing 85% or more by weight of such fibres (other than pile and chenille fabrics) of acrylic or modacrylic staple fibres
22	65329	Fabrics, woven, of other synthetic staple fibres, containing 85% or more
22	65331	Fabrics, woven, of synthetic staple fibres, containing less than 85% by weight of such fibres, mixed mainly or solely with cotton (other than pile and chenille fabrics) of a weight not exceeding 170 g/m2, of polyester staple fibres
22	65332	Fabrics, woven, of a weight not exceeding 170 g/m2, of other synthetic staple fibres
22	65333	Fabrics, woven, of a weight exceeding 170 g/m2, of polyester staple fibres
22	65334	Fabrics, woven, of a weight exceeding 170 g/m2, of other synthetic staple
22	65341	Fabrics, woven, <85% of synthetic fibres, mixed with wool or animal hair

BEC	SITC	SITC Description
22	65342	Fabrics, woven, <85% of synthetic fibres, mixed with manmade filaments
22	65343	Fabrics, woven, <85% of synthetic fibres, mixed with other fibres
22	65352	Other fabrics, woven, containing 85% or more by weight of artificial filament or strip or the like (other than pile and chenille fabrics)
22	65359	Fabrics, woven, of artificial filament yarn, n.e.s.
22	65381	Fabrics, woven, <85% of artificial fibres, mixed with cotton
22	65382	Fabrics, woven, <85% of artificial fibres, mixed with wool and animal hair
22	65383	Fabrics, woven, <85% of artificial fibres, mixed with manmade filaments
22	65389	Fabrics, woven, <85% of artificial fibres, mixed with other materials
22	65411	Fabrics of noil silk
22	65413	Other silk fabrics containing 85% or more by weight of silk or of silk waste (other than noil silk)
22	65419	Other silk fabrics
22	65421	Fabrics, of carded wool or of carded fine animal hair, containing 85% or more by weight of wool or of fine animal hair (other than pile and chenille fabrics)
22	65422	Fabrics, of combed wool or fine animal hair, containing 85% or more by weight of wool or of fine animal hair (other than pile and chenille fabrics)
22	65431	Fabrics, woven, of carded wool/animal hair, <85% wool m/w filaments or with man-made staple fibres
22	65432	Fabrics, woven, of combed wool/animal hair, <85% wool m/w filaments or with man-made staple fibres
22	65433	Fabrics, woven, of carded wool/animal hair, <85% wool m/w other materials
22	65434	Fabrics, woven, of combed wool/animal hair, <85% wool m/w other materials
22	65492	Fabrics, woven, of coarse animal hair or of horsehair
22	65493	Fabrics, woven, of vegetable textile fibres, n.e.s.; woven fabrics of paper yarn
22	65521	Other knitted or crocheted fabrics, not impregnated, width <30 cm
22	65522	Other knitted or crocheted fabrics, not impregnated, width >30 cm
22	65523	Other fabrics, warp knit (including those made on galloon-knitting machine
22	65529	Knitted or crocheted fabrics, n.e.s.
22	65612	Other narrow woven fabrics, containing by weight 5% or more of elastomeric yarn or rubber thread
22	65613	Other narrow woven fabrics
22	65621	Labels, badges of textile, cut to shape, woven, not embroidered
22	65629	Labels, badges of textile, cut to shape, not woven, not embroidered
22	65642	Lace, mechanically made
22	65643	Lace, handmade
22	65761	Hat forms, hat bodies and hoods of felt, neither blocked to shape nor with made brims; plateaux and manchons (including slit manchons), of felt
22	65762	Hat shapes, plaited or made by assembling strips of any material, neither blocked to shape nor with made brims, nor lined nor trimmed

BEC	SITC	SITC Description
22	84848	Headbands, linings, covers, hat foundations, hat frames, peaks and chin- straps, for headgear
62	8519	Parts of footwear (including uppers, whether or not attached to soles other than outer soles); removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof

Table B.2. Apparel and footwear – final products

BEC	SITC	SITC Description
62	85111	Waterproof footwear incorporating a protective metal toecap, with outer soles and uppers of rubber or of plastics
62	85113	Footwear, non-waterproof, incorporating a protective metal toecap, with outer soles and uppers of rubber or plastics
62	85115	Footwear, non-waterproof, incorporating a protective metal toecap, with outer soles of rubber, plastics, leather or composition leather and uppers of leather
62	85121	Ski boots and cross-country ski footwear, with outer soles and uppers of rubber or plastics
62	85122	Ski boots and cross-country ski footwear, with outer soles of rubber, plastics, leather or composition leather and uppers of leather
62	85123	Other sports footwear, with outer soles and uppers of rubber or plastics
62	85124	Other sports footwear, with outer soles of rubber, plastics, leather or composition leather and uppers of leather
62	85125	Tennis shoes, basketball shoes, gym shoes, training shoes and the like and other sports footwear with outer soles of rubber or plastics and uppers of textile materials
62	85131	Other waterproof footwear, the uppers of which are neither fixed to the sole nor assembled by stitching, riveting, nailing, screwing, plugging or similar processes
62	85132	Other footwear, n.e.s., with outer soles and uppers of rubber or plastics
62	85141	Footwear with outer soles of leather and uppers which consist of leather
62	85142	Footwear made on a base or platform of wood, not having an inner sole or a protective metal toecap
62	85148	Footwear, n.e.s., with uppers of leather or composition leather and outer soles of leather
62	85149	Footwear with uppers of leather or composition leather, n.e.s.
62	85151	Footwear with outer soles of rubber or plastics and uppers of textile materials
62	85152	Footwear with outer soles of leather or composition leather and uppers of textile materials
62	85159	Footwear with uppers of textile materials, n.e.s.
62	8517	Footwear, n.e.s.
62	8453	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted
63	8454	T-shirts, singlets and other vests, knitted or crocheted

BEC	SITC	SITC Description
63	84621	Pantyhose and tights, knitted or crocheted
63	84622	Women's full-length or knee-length hosiery, measuring per single yarn less than 67 decitex
63	84629	Other hosiery, knitted or crocheted
62	84111	Overcoats, raincoats, car coats, capes, cloaks and similar articles, of wool or fine animal hair, men's or boys'
62	84112	Overcoats, raincoats, car coats, capes, cloaks and similar articles, of textile materials other than wool or fine animal hair, men's or boys'
62	84119	Other outer garments, n.e.s., men's or boys' (not of 841.2, heading 841.3)
62	84121	Suits, men's or boys', of wool or fine animal hair, not knitted or crocheted
62	84122	Suits, men's or boys', of textile materials other than wool or fine animal hair
62	84123	Ensembles, men's or boys' (not of 845.2), of textile materials, not knitted or crocheted
62	8413	Jackets and blazers, men's or boys', of textile materials, not knitted or crocheted
62	8414	Trousers, bib and brace overalls, breeches and shorts, men's or boys'
62	84151	Shirts, men's or boys', of cotton, not knitted or crocheted
62	84159	Shirts, other textile materials
63	84161	Underpants and briefs, men's or boys', not knitted or crocheted
63	84162	Nightshirts and pyjamas, men's or boys', not knitted or crocheted
63	84169	Other underwear and nightwear, men's or boys', not knitted or crocheted
62	84211	Overcoats, raincoats, car coats, capes, cloaks and similar articles, women's or girls'
62	84222	Ensembles, women's or girls', of textile materials, not knitted or crocheted
62	8423	Jackets and blazers, women's or girls', of textile materials, not knitted
62	8424	Dresses, women's or girls', of textile materials, not knitted or crocheted
62	8425	Skirts and divided skirts, women's or girls', of textile materials, not knitted or crocheted
62	8426	Trousers, bib and brace overalls, breeches and shorts, women's or girls', not knitted or crocheted
62	8427	Blouses, shirts and shirt-blouses, women's or girls', of textile material, not knitted or crocheted
63	84281	Slips and petticoats, women's or girls', of textile materials, not knitted or crocheted
63	84282	Nightdresses and pyjamas, women's or girls', of textile materials, not knitted or crocheted
63	84289	Other underwear and nightwear, women's or girls', of textile materials, not knitted or crocheted
62	8431	Overcoats, car coats, capes, cloaks, anoraks (including ski jackets), windcheaters, wind jackets and similar articles (other than those of heading 843.23)
62	84321	Suits, men's or boys', of knitted or crocheted textile materials
62	84322	Ensembles, men's or boys', of knitted or crocheted textile materials
62	84323	Jackets and blazers, men's or boys', of knitted or crocheted textile fabrics

BEC	SITC	SITC Description
62	84324	Trousers, bib and brace overalls, breeches and shorts, men's or boys', of knitted or crocheted textile fabrics
62	84371	Shirts, men's or boys', knitted or crocheted of cotton
62	84379	Shirts, men's or boys', knitted or crocheted of textile materials other than cotton
63	84381	Underpants and briefs, men's or boys', knitted or crocheted of textile materials
63	84382	Nightshirts and pyjamas, men's or boys', knitted or crocheted of textile materials
63	84389	Other underwear and nightwear, men's or boys', knitted or crocheted of textile materials
62	8441	Overcoats, car coats, capes, cloaks, anoraks (including ski jackets), windcheaters, wind jackets and similar articles
62	84421	Suits, women's or girls', knitted or crocheted of textile materials
62	84422	Ensembles, women's or girls', knitted or crocheted of textile materials
62	84423	Jackets and blazers, women's or girls', knitted or crocheted of textile materials
62	84424	Dresses, women's or girls', knitted or crocheted of textile materials
62	84425	Skirts and divided skirts, women's or girls', knitted or crocheted of textile materials
62	84426	Trousers, bib and brace overalls, breeches and shorts, women's or girls'
62	8447	Blouses, shirts and shirt-blouses, women's or girls', knitted or crocheted of textile materials
63	84481	Slips and petticoats, women's or girls', knitted or crocheted of textile materials
63	84482	Briefs and panties, women's or girls', knitted or crocheted of textile materials
63	84483	Nightdresses and pyjamas, women's or girls', knitted or crocheted of textile materials
63	84489	Other underwear and nightwear, women's and girls', knitted or crocheted of textile materials
62	84511	Babies' garments and clothing accessories, not knitted or crocheted of textile materials
62	84512	Garments made up of fabrics of subgroup 657.1 (felt) or heading 657.2
62	84521	Men's and boy's garments made up of fabrics (not knitted or crocheted) of headings 657.32, 657.33, or 657.34
62	84523	Women's or girls' garments made up of fabrics (not knitted or crocheted)
62	84524	Garments made up of knitted or crocheted fabrics of headings 657.32, 657.33, or 657.34
63	84551	Brassieres
63	84552	Girdles, corsets, braces, suspenders, garters and similar articles
62	84561	Swimwear, men's or boys', not knitted or crocheted
62	84562	Swimwear, men's or boys', knitted or crocheted
62	84563	Swimwear, women's or girls', not knitted or crocheted
62	84564	Swimwear, women's or girls', knitted or crocheted

BEC	SITC	SITC Description
62	84581	Ski suits, not knitted or crocheted
62	84587	Articles of apparel, men's or boys', n.e.s., not knitted or crocheted
62	84589	Articles of apparel, women's or girls', n.e.s., not knitted or crocheted
62	84591	Track suits, knitted or crocheted
62	84592	Ski suits, knitted or crocheted
62	84599	Garments, knitted or crocheted, n.e.s.
63	84611	Handkerchiefs, not knitted or crocheted
63	84612	Shawls, scarves, mufflers, mantillas, veils and the like, not knitted or crocheted
63	84613	Ties, bow-ties and cravats, not knitted or crocheted
63	84614	Gloves, mittens and mitts, not knitted or crocheted
63	84619	Other made-up clothing accessories; parts of garments or of clothing other than that of subgroup 845.5
63	84691	Gloves, knitted or crocheted of textile materials, impregnated, coated or covered with plastics or rubber
63	84692	Other gloves, mittens and mitts, knitted or crocheted
62	84693	Shawls, scarves, mufflers, mantillas, veils and the like, knitted or crocheted
62	84694	Ties, bow-ties and cravats, knitted or crocheted
63	84699	Made-up clothing accessories, n.e.s.; parts of garments or of clothing accessories
62	84811	Articles of apparel, of leather or of composition leather (not including gloves, mittens and mitts of heading 894.77)
62	84812	Gloves, mittens and mitts, not designed for use in sports, of leather or of composition leather
62	84813	Belts and bandoliers, of leather or of composition leather
62	84819	Other clothing accessories, of leather or of composition leather
62	84841	Felt hats and other felt headgear, made from the hat bodies, hoods or plateaux of heading 657.61, whether or not lined or trimmed
62	84842	Hats and other headgear, plaited or made by assembling strips of any material, whether or not lined or trimmed, or made up from lace, felt or other textile fabric in the piece (but not in strips), whether or not lined or trimmed; hairnest of any material, whether or not lined or trimmed
62	84843	Hats and other headgear, knitted or crocheted, or made up from lace, felt or other textile fabric in the piece (but not in strips), whether or not lined or trimmed; hairnets of any material, whether or not lined or trimmed
62	84849	Headgear, n.e.s., of materials other than rubber or plastics 1810

Table B.3. Electronics – intermediate products

BEC	SITC	SITC Description
42	76493	Parts and accessories suitable for use solely or principally with the apparatus and equipment of groups 761 and 762 and subgroups 764.3 and 764.8
42	7722	Printed circuits
42	77231	Fixed carbon resistors, composition- or film-type

BEC	SITC	SITC Description
42	77232	Other fixed resistors
42	77233	Wire-wound variable resistors (including rheostats and potentiometers)
42	77235	Other variable resistors (including rheostats and potentiometers)
42	77238	Parts for the electrical resistors of subgroup 772.3
42	77611	Television picture tubes, cathode-ray (including video monitor cathode-ray tubes), colour
42	77612	Television picture tubes, cathode-ray (including video monitor cathode-ray tubes), black and white or other monochrome
42	77621	Television camera tubes; image converters and intensifiers; other photocathode tubes
42	77623	Other cathode-ray tubes
42	77625	Microwave tubes (excluding grid-controlled tubes)
42	77627	Other valves and tubes
42	77629	Parts of the tubes and valves of subgroups 776.1 and 776.2
42	77631	Diodes, other than photosensitive or light-emitting diodes
42	77632	Transistors (excluding photosensitive transistors) with a dissipation rate of less than 1 watt
42	77633	Transistors (excluding photosensitive transistors) with a dissipation rate of one watt or more
42	77635	Thyristors, diacs and triacs (excluding photosensitive devices)
42	77637	Photosensitive semiconductor devices; light-emitting diodes
42	77639	Other semiconductor devices
42	77641	Digital monolithic integrated units
42	77643	Non-digital monolithic integrated units
42	77645	Hybrid integrated circuits
42	77649	Other electronic integrated circuits and micro-assemblies
42	77681	Piezoelectric crystals, mounted
42	77688	Parts of the devices of subgroup 776.3 and of the mounted piezoelectric crystals of item 776.81
42	77689	Parts of the articles of subgroup 776.4
42	77869	Parts of electrical capacitors
42	76491	Parts and accessories suitable for use solely or principally with the apparatus of subgroup 764.1
42	76492	Parts and accessories suitable for use solely or principally with apparatus and equipment of subgroup 764.2
42	76499	Parts and accessories suitable for use solely or principally with the apparatus falling within group 763
42	77423	X-ray tubes
42	77429	Other apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses
42	7599	Parts, data processors, machinery, etc.
42	75991	Parts and accessories of the machines of subgroup 751.1 (other than covers, carrying cases and the like)

BEC	SITC	SITC Description
42	75993	Parts and accessories of the machines of subgroup 751.9 (other than covers, carrying cases and the like)
42	75997	Parts and accessories for the machines of group 752 (other than covers, carrying cases and the like)
42	7591	Parts and accessories of the photocopying and thermo-copying apparatus of subgroup 751.3
42	76491	Parts and accessories suitable for use solely or principally with the apparatus of subgroup 764.1
41	76423	Loudspeakers, not mounted in their enclosures
42	76492	Parts and accessories suitable for use solely or principally with the apparatus and equipment of subgroup 764.2
	76499	Parts and accessories suitable for use solely or principally with the apparatus falling within group 763
42	87319	Parts and accessories of gas, liquid or electricity meters
42	87329	Parts and accessories of the articles of subgroup 873.2
42	87412	Parts and accessories of navigational instruments and appliances
42	87454	Parts and accessories for the machines and appliances of heading 874.53
42	87479	Parts and accessories for the instruments and apparatus of subgroup 874.7
42	8749	Parts and accessories for machines, appliances, instruments and apparatus
42	87469	Parts and accessories for automatic regulating or controlling instruments

 $\label{eq:control_products} \textbf{Table B.4. Electronics} - \textbf{final products}$

BEC	SITC	SITC Description
61	89961	Hearing-aids (excluding parts and accessories)
61	89967	Pacemakers for stimulating heart muscles (excluding parts and accessories)
61	89969	Appliances, n.e.s., which are worn or carried or implanted in the body to compensate for a defect or a disability
61	88111	Photographic (other than cinematographic) cameras
61	88132	Image projectors, n.e.s.
61	88531	Wrist-watches, battery or accumulator powered, whether or not incorporating a stopwatch facility
61	88532	Other wrist-watches, whether or not incorporating a stopwatch facility, whether or not incorporating a stopwatch facility
61	88539	Pocket watches and other watches (not wristwatches), with case of precious metal or of metal clad with precious metal
61	88541	Wrist-watches, battery or accumulator powered, whether or not incorporating a stopwatch facility
61	88542	Other wrist-watches, whether or not incorporating a stopwatch facility, not of 885.3
61	88549	Pocket-watches and other watches (not wristwatches), not of 885.39
61	88572	Clocks with watch movements (excluding clocks of heading 885.71), battery or accumulator powered
61	88573	Other clocks with watch movements (excluding clocks of heading 885.71)
61	88574	Alarm clocks, battery, accumulator or mains powered

BEC	SITC	SITC Description
61	88575	Other alarm clocks
61	88576	Wall clocks, battery, accumulator or mains powered
61	88577	Other wall clocks
61	88578	Other clocks, battery, accumulator or mains powered
61	88579	Clocks, n.e.s.
61	89813	Pianos (including automatic pianos); harpsichords and other keyboard stringed instruments
61	89821	Keyboard pipe-organs; harmoniums and similar keyboard instruments with free metal reeds
61	89822	Accordions and similar instruments; mouth-organs
61	89824	Percussion musical instruments (e.g., drums, xylophones, cymbals, castanets, maracas)
61	89825	Keyboard instruments (other than accordions), the sound of which is produced or must be amplified electrically (e.g., organs)
61	89826	Musical instruments, n.e.s., the sound of which is produced or must be amplified electrically (e.g., guitars, accordions)
61	89829	Music boxes, fairground organs, mechanical street organs, mechanical singing birds, musical saws and other musical instruments, n.e.s.; decoy calls of all kinds; whistles, call horns and other mouth-blown sound signalling instruments
41	72655	Sheet-fed office-type offset printing machinery (sheet size not exceeding 22 x 36 cm)
41	75113	Automatic typewriters; word processing machines
41	75115	Other electric typewriters, <12 kg (excluding case)
41	75116	Other electric typewriters
41	75118	Non-electric typewriters, <12 kg (excluding case)
41	75119	Other non-electric typewriters
41	75121	Electronic calculators capable of operation without an external source of power
41	75122	Other calculating machines
41	75123	Accounting machines (including bookkeeping machines)
41	75124	Cash registers
41	75128	Postage-franking, ticket-issuing and similar machines, incorporating a calculating device
41	75131	Electrostatic photocopying apparatus operating by reproducing the original image directly onto the copy (direct process)
41	75132	Electrostatic photocopying apparatus operating by reproducing the original
41	75133	Non-electrostatic photocopying apparatus incorporating an optical system
41	75134	Non-electrostatic photocopying apparatus of the contact type
41	75135	Thermo-copying apparatus
41	75191	Duplicating machines
41	75192	Addressing machines and address-plate embossing Machines

BEC	SITC	SITC Description
41	75193	Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or cancelling postage stamps
41	75199	Office machines, n.e.s.
41	7521	Analogue or hybrid (analogue-digital) data processing machines
41	7522	Digital automatic data processing machines, containing in the same housing
41	7523	Digital processing units, whether or not presented with the rest of a system
41	7526	Input or output units for automatic data processing machines, whether or not presented with the rest of a system and whether or not containing storage units in the same housing
41	7527	Storage units, whether or not presented with the rest of a system
41	7529	Data processing equipment, n.e.s.
41	76381	Video-recording or reproducing apparatus, whether or not incorporating a video tuner
41	7641	Electrical apparatus for line telephony or line telegraphy (including such apparatus for carrier current line systems)
41	76411	Telephone sets
41	76413	Teleprinters
41	76415	Telephonic or telegraphic switching apparatus
41	76417	Other apparatus, for carrier-current line systems
41	76419	Other telephonic or telegraphic apparatus
41	76431	Transmission apparatus
41	76432	Transmission apparatus incorporating reception apparatus
41	76482	Television cameras
61	7611	Television receivers, colour (including video monitors and video projectors), whether or not incorporating radio-broadcast receivers or sound or video-recording or reproducing apparatus
41	7612	Television receivers, black and white or other monochrome (including video monitors and video projectors), whether or not incorporating radiobroadcast receivers or sound- or video-recording or reproducing apparatus
53	76211	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles (including apparatus capable of receiving radio-telephony or radio-telegraphy) incorporating sound-recording or reproducing apparatus
53	76212	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles (including apparatus capable of receiving radio-telephony or radio-telegraphy) not incorporating sound-recording or reproducing apparatus
61	76221	Radio-broadcast receivers capable of operating without an external source of power (including apparatus capable of receiving radio-telephony or radio-telegraphy) incorporating sound-recording or reproducing apparatus
61	76222	Radio-broadcast receivers capable of operating without an external source of power (including apparatus capable of receiving radio-telephony or radio-telegraphy) not incorporating sound-recording or reproducing apparatus

BEC	SITC	SITC Description
41	76281	Other radio-broadcast receivers (including apparatus capable of receiving radio-telephony or radio-telegraphy) incorporating sound-recording or reproducing apparatus
41	76282	Other radio-broadcast receivers (including apparatus capable of receiving radio-telephony or radio-telegraphy) not incorporating sound-recording or reproducing apparatus but combined with a clock
41	76289	Other radio-broadcast receivers (including apparatus capable of receiving radio-telephony or radio-telegraphy) not incorporating sound-recording or reproducing apparatus nor with a clock
41	76331	Record-players, coin- or disc-operated
41	76333	Other record-players
41	76335	Turntables (record-decks)
41	76381	Video-recording or reproducing apparatus, whether or not incorporating a video tuner
41	76382	Transcribing machines
61	76383	Other sound-reproducing apparatus
41	76384	Sound-recording apparatus, whether or not incorporating a sound-reproduction
41	76421	Microphones and stands therefore
41	76422	Loudspeakers, mounted in their enclosures
41	76424	Headphones, earphones and combined microphone/speaker sets
41	76425	Audio-frequency electric amplifiers
41	76426	Electric sound amplifier sets
41	76481	Reception apparatus for radio-telephony or radiotelegraphy, n.e.s.
41	77411	Electrocardiographs
41	77412	Other electro-diagnostic apparatus (including apparatus for functional exploratory examination or for checking physiological parameters)
41	77413	Ultraviolet or infrared ray apparatus
41	77421	Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses (including radiography or radiotherapy apparatus)
41	77422	Apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses (including radiography or radiotherapy apparatus)
42	77423	X-ray tubes
42	77429	Other apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses
61	89961	Hearing-aids (excluding parts and accessories)
61	89963	Orthopedic or fracture appliances
61	89965	Artificial teeth and dental fittings
61	89966	Other artificial parts of the body
61	89967	Pacemakers for stimulating heart muscles (excluding parts and accessories)
61	89969	Appliances, n.e.s., which are worn or carried or implanted in the body to compensate for a defect or a disability
41	76483	Radar apparatus, radio navigational aid apparatus and radio remote control

BEC	SITC	SITC Description
41	87131	Microscopes (other than optical microscopes) and diffraction apparatus
42	87139	Parts and accessories of microscopes (excl. optical microscopes) and diffraction apparatus
41	87311	Gas meters
41	87313	Liquid meters
41	87315	Electricity meters
41	87321	Revolution counters, production counters, taximeters, mileometers, pedometers and the like
41	87325	Speed indicators and tachometers; stroboscopes
41	87411	Direction-finding compasses; other navigational instruments and appliances
41	87441	Gas or smoke analysis apparatus
41	87442	Chromatographs and electrophoresis instruments
41	87443	Spectrometers, spectrophotometers and spectrographs using optical radiations (UV, visible, infra-red)
41	87444	Exposure meters
41	87445	Other instruments and apparatus using optical radiations (UV, visible, infrared)
41	87446	Instruments and apparatus for physical or chemical analysis, n.e.s.
41	87449	Microtomes; parts and accessories of the articles of subgroup 874.4
41	87451	Balances of a sensitivity of 5 cg or better, with or without weights
41	87453	Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (e.g., metals, wood, textiles, paper, plastics)
41	87461	Thermostats
41	87463	Pressure regulators and controllers (manostats)
41	87465	Other regulating or controlling instruments and apparatus
41	87471	Instruments and apparatus for measuring or detecting ionizing radiations
41	87473	Cathode-ray oscilloscopes and cathode-ray oscillographs
41	87475	Other instruments and apparatus, for measuring or checking voltage, current, resistance or power, without a recording device
41	87477	Other instruments and apparatus, specially designed for telecommunication (e.g., crosstalk meters, gain-measuring instruments, distortion factor meters, psophometers)
41	87478	Other instruments and apparatus for measuring or checking electrical quantities

Table B.5. Automotive – intermediate products

BEC	SITC	SITC Description
53	69915	Other mountings, fittings and similar articles suitable for motor vehicles
53	77812	Electric accumulators (storage batteries)
53	77823	Sealed-beam lamp units
53	77313	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships

BEC	SITC	SITC Description
53	77812	Electric accumulators (storage batteries)
53	77831	Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines
53	77833	Parts of the equipment of heading 778.31
53	77834	Electrical lighting or signalling equipment (excluding articles of subgroup 778.2), windscreen wipers, defrosters and demisters, of a kind used for cycles or motor vehicles
53	76211	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles (including apparatus capable of receiving radio-telephony or radio-telegraphy) incorporating sound-recording or reproducing apparatus
53	76212	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles (including apparatus capable of receiving radio-telephony or radio-telegraphy) not incorporating sound-recording or reproducing apparatus
53	88571	Instrument panel clocks and clocks of a similar type, for vehicles, aircraft or ships
53	71321	Reciprocating internal combustion piston engines for propelling vehicles of a cylinder capacity not exceeding 1,000 cc
53	71322	Reciprocating internal combustion piston engines for propelling vehicles exceeding 1,000 cc
53	71323	Compression-ignition internal combustion piston engines (diesel or semi-diesel)
53	7841	Chassis fitted with engines, for the motor vehicles of groups 722 and 781
53	78421	Bodies (including cabs), for the motor vehicles of group 781
53	78425	Bodies (including cabs), for the motor vehicles of groups 722 and 782
53	78689	Parts of the trailers and semi-trailers of heading 786.1, subgroup 786.2
53	71391	Parts, n.e.s., for the engines of subgroups 713.2, 713.3 and 713.8, suitable for use solely or principally with spark-ignition internal combustion piston engines
53	71392	Parts, n.e.s., for the engines of subgroups 713.2, 713.3 and 713.8, suitable for use solely or principally with compression-ignition internal combustion piston engines
53	78431	Bumpers and parts thereof, of the motor vehicles of groups 722, 781, 782 and 783
53	78432	Other parts and accessories of bodies (including cabs), of the motor vehicles of groups 722, 781, 782 and 783
53	78433	Brakes and servo-brakes and parts thereof, of the motor vehicles of groups 722, 781, 782 and 783
53	78434	Gearboxes of the motor vehicles of groups 722, 781, 782 and 783
53	78435	Drive-axles with differential, whether or not provided with other transmission components
53	78436	Non-driving axles and parts thereof, of the motor vehicles of groups 722, 781, 782 and 783

BEC	SITC	SITC Description
53	78439	Other parts and accessories of the motor vehicles of groups 722, 781, 782
53	71311	Spark-ignition reciprocating or rotary internal combustion piston engines
53	78535	Parts and accessories of motor cycles (including mopeds)
53	82112	Seats of a kind used for motor vehicles

Table B.6. Automotive – final products

BEC	SITC	SITC Description
51	7812	Motor vehicles for the transport of persons, n.e.s.
522	78511	Motor cycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; with reciprocating internal combustion piston engine of a cylinder capacity not exceeding 50 cc
522	78513	Motor cycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; with reciprocating internal combustion piston engine of a cylinder capacity exceeding 50 cc, but not exceeding 250 cc
522	78515	Motor cycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; with reciprocating internal combustion piston engine of a cylinder capacity exceeding 250 cc, but not exceeding 500 cc
522	78516	Motor cycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; with reciprocating internal combustion piston engine of a cylinder capacity exceeding 500 cc, but not exceeding 800 cc
522	78517	Motor cycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; with reciprocating internal combustion piston engine of a cylinder capacity exceeding 800 cc
522	78519	Motor cycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; other; side-cars

Source: Sturgeon and Memodevic, 2010.

Table B.7. Primary food – intermediate products

BEC	SITC	SITC Description
111	119	Bovine species other than pure bred breeding stock
111	121	Sheep, live
111	122	Goats, live
111	13	Swine, live
111	141	Poultry, live of a weight not exceeding 185 grams
111	149	Poultry, live of a weight exceeding 185 grams
111	15	Horses, asses, mules and hinnies, live
111	19	Live animals of a kind mainly used for human food
111	411	Durum wheat, unmilled
111	412	Other wheat (including spelt) and meslin, unmilled
111	4211	Rice in the husk (paddy or rough rice)
111	4212	Rice, husked but not further prepared (cargo rice)
111	430	Barley, unmilled

BEC	SITC	SITC Description
111	451	Rye, unmilled
111	4591	Millet, unmilled
111	4592	Sorghum, unmilled
111	4599	Other cereals, unmilled, n.e.s.
111	5462	Vegetables provisionally preserved in brine etc.
111	5481	Manioc, arrowroot, salep, Jerusalem artichokes etc.
111	5482	Sugar beet, whole or sliced, fresh, dried or powdered
111	5484	Hop cones and lupulin
111	5488	Vegetable products of a kind used for human food
111	5729	Citrus fruit, n.e.s., fresh or dried
111	5771	Coconuts, fresh or dried, shelled or not
111	5863	Fruit provisionally preserved
111	5864	Peel of melons or citrus fruit, fresh, frozen, dried
111	7111	Coffee, not roasted; coffee husks and skins
111	721	Cocoa beans, whole or broken, raw or roasted
111	2221	Groundnuts (peanuts), green, whether or not shelled
111	2222	Soya beans
111	2223	Cotton seeds
111	2224	Sunflower seeds
111	2225	Sesame (sesamum) seeds
111	2226	Rape and colza seeds
111	2231	Copra
111	2232	Palm nuts and palm kernels

 $\label{eq:conditional} \textbf{Table B.8. Primary food} - \textbf{final products}$

BEC	SITC	SITC Description
112	223	Milk & cream, fresh, not concentrated or sweetened
112	251	Eggs in shell
112	341	Fish, fresh (live/dead) or chilled, excl. fillets
112	3502	Cod (not in fillets),dried, whether or not salted
112	3503	Fish, dried, salted or in brine (other than cod)
112	360	Crustaceans and molluscs, fresh, chilled, frozen etc.
112	541	Potatoes, fresh or chilled, excl. sweet potatoes
112	542	Beans, peas, lentils and other leguminous vegetables
112	544	Tomatoes, fresh or chilled
112	5451	Onions, shallots, garlic, leeks and alliaceous vegetables.
112	5459	Vegetables, fresh or chilled, n.e.s.
112	5711	Oranges, fresh or dried
112	5712	Mandarins, clementines and citrus hybrids fresh/dried
112	5721	Lemons and limes, fresh or dried

BEC	SITC	SITC Description
112	5722	Grapefruit, fresh or dried
112	573	Bananas, fresh or dried
112	574	Apples, fresh
112	5751	Grapes, fresh
112	5752	Grapes, dried (raisins)
112	576	Figs, fresh or dried
112	5772	Brazil nuts, fresh or dried, shelled or not
112	5773	Cashew nuts, fresh or dried, shelled or not
112	5774	Almonds, fresh or dried, shelled or not
112	5775	Hazelnuts, fresh or dried, shelled or not
112	5779	Edible nuts, fresh or dried, n.e.s. shelled or not
112	5792	Pears and quinces, fresh
112	5793	Stone fruit, n.e.s., fresh
112	5794	Berries, fresh
112	5795	Pineapples, fresh or dried
112	5796	Dates, fresh or dried
112	5797	Avocados, mangoes, guavas, fresh or dried
112	5798	Other fresh fruit
112	5799	Other dried fruit
112	616	Natural honey
112	741	Tea
112	742	Maté
112	751	Pepper; pimento
112	7521	Vanilla
112	7522	Cinnamon and cinnamon-tree flowers
112	7523	Cloves (whole fruit, cloves and stems)
112	7524	Nutmeg, mace and cardamoms
112	7525	Seeds of anise, badian, fennel, coriander, cumin etc.
112	7526	Ginger (excl. ginger preserved in sugar/syrup)
112	7528	Thyme, saffron, bay leaves; other spices
112	9808	Edible products of animal origin, n.e.s.

 $\label{lem:conditional} \textbf{Table B.9. Processed food-intermediate products}$

BEC	SITC	SITC Description
121	141	Meat extracts and meat juices; fish extracts
121	2241	Whey
121	2242	Milk in powder/granules(weight not more 1.5% of fat)
121	252	Eggs not in shell
121	3501	Fish meal fit for human consumption
121	4601	Flour of wheat or of meslin

BEC	SITC	SITC Description
121	4602	Groats, meal and pellets, of wheat
121	4701	Cereal flours (other than of wheat or of meslin)
121	4702	Cereal groats, meal and pellets(other than of wheat
121	482	Malt, roasted or not (including malt flour)
121	5643	Flour, meal and flakes of potato
121	5645	Tapioca and sago, and substitutes obtained from potatoes
121	5649	Flours of the leguminous vegetables and fruits
121	5861	Fruit, preserved by freezing, no sugar added
121	5862	Fruit preserved by freezing, containing added sugar
121	611	Sugars, beet and cane, raw, solid
121	615	Molasses, whether or not decolourized
121	619	Other sugars; sugar syrups; artificial honey; caramel
121	620	Sugar confectionery and other sugar preparations
121	722	Cocoa powder, unsweetened
121	7231	Cocoa paste whether or not defatted
121	7232	Cocoa butter (fat or oil)
121	8121	Bran, sharps and other residues of maize or rice
121	8122	Bran, sharps and other residues of other cereals
121	8123	Bran, sharps and other residues of leguminous vegetables
121	8192	Cocoa shells, husks, skins and waste
121	8193	Beet-pulp. bagasse and other waste of sugar manufacturing
121	8194	Wine lees; argol
121	9806	Natural yeasts; prepared baking powders
121	11211	Grape must in fermentation/with ferment. arrested
121	2239	Flours or meals/oil seeds/oleag. fruit non-defatted
121	41112	Fish oils and fats (other than fish liver oil)
121	41113	Oils and fats of marine mammals
121	41131	Pig fat free of lean meat and poultry fat,
121	4232	Soya bean oil
121	4233	Cotton seed oil
121	4234	Groundnut (peanut) oil
121	42391	Rape, colza and mustard oils
121	4242	Palm oil
121	4243	Coconut (copra) oil
121	4244	Palm kernel oil
121	4312	Animal/vegetable oils and fats, wholly/partly hydrogenated
121	59212	Wheat gluten, whether or not dried

Table B.10. Processed food – final products

BEC	SITC	SITC Description
122	1111	Meat of bovine animals with bone in
122	1112	Meat of bovine animals boneless
122	112	Meat of sheep and goats, fresh, chilled or frozen
122	113	Meat of swine, fresh, chilled or frozen
122	114	Poultry, dead and edible offal excl. liver, fresh/frozen
122	115	Horse, ass meat etc., fresh, chilled, frozen
122	116	Edible offal of animals under headings 001.1-001.5
122	1181	Poultry liver, fresh, chilled, frozen, salted/in brine
122	1189	Meat and edible offal, fresh, chilled or frozen
122	121	Bacon, ham and other dried, salted, smoked meat/ swine
122	129	Meat and edible offal, n.e.s. salt. in brine dried/smoked
122	142	Sausages and the like, of meat, meat offal or blood
122	149	Other prepared or preserved meat or meat offal
122	2243	Milk and cream powder (weight more than 1.5% of fat)
122	2249	Milk and cream, preserved, concentrated or sweetened
122	230	Butter
122	240	Cheese and curd
122	342	Fish, frozen (excluding fillets)
122	343	Fish fillets, fresh or chilled
122	344	Fish fillets, frozen
122	3504	Fish, smoked (whether or not cooked)
122	371	Fish, prepared or preserved, n.e.s. including caviar
122	372	Crustaceans and molluscs, prepared or preserved
122	4221	Rice, semi/wholly milled, excl. broken rice
122	4222	Broken rice
122	4811	Other worked cereal grains; germ of cereals
122	4812	Prepared foods obtain. by the swelling or roasting
122	483	Macaroni, spaghetti and similar products
122	4841	Bread, ships, biscuits and other ordinary bakers wares
122	4842	Pastry, biscuits, cakes and other fine bakers wares
122	488	Malt extract; preparation of flour etc, for infant food
122	5461	Vegetables, preserved by freezing, cooked or not
122	561	Vegetables, dried, dehydrated or evaporated
122	5651	Vegetables and fruit, prepared/preserved by vinegar
122	5659	Vegetables prepared/preserved otherwise than by vinegar
122	582	Fruit, fruit peel and parts of plants, pres. by sugar
122	583	Jams, fruit jellies, marmalades, fruit puree, cooked
122	5851	Orange juice
122	5852	Grapefruit juice

BEC	SITC	SITC Description
122	5853	Juice of any other citrus fruit
122	5854	Pineapple juice
122	5855	Tomato juice
122	5857	Juice of any other fruit or vegetable
122	5858	Mixtures of fruit or vegetable juices
122	5891	Nuts, roasted (including roasted groundnuts)
122	5899	Fruit and nuts, prepared or preserved, n.e.s.
122	612	Refined sugars and other prod. of ref. beet/cane
122	7112	Coffee, roasted
122	7113	Coffee substitutes containing coffee in any proportion
122	712	Extracts, essences/concentration of coffee and chicory
122	730	Chocolate and other food preparations. containing cocoa
122	913	Lard, other pig fat and poultry, rendered/solvent-ext.
122	9141	Margarine
122	9149	Imitation lard and other prepared edible fats, n.e.s.
122	9801	Homogenized composite food preparations
122	9802	Extracts, essences or concentrates of tea or mate
122	9803	Mustard flour and prepared mustard
122	9804	Sauces; mixed condiments and mixed seasonings
122	9805	Soups and broths, in liquid, solid or powder form
122	9807	Vinegar and substitutes for vinegar
122	9809	Food preparations, n.e.s.
122	11101	Waters (including spa and aerated waters); ice and snow
122	11102	Lemonade, flavoured spa waters and flavoured waters
122	11212	Wine of fresh grapes; grape must
122	11213	Vermouths and other wines of fresh grapes flavored
122	1122	Other fermented beverages, n.e.s (cider, perry mead)
122	1123	Beer made from malt (including ale, stout and porter)
122	11241	Whisky
122	11242	Spirits obtained by distilling wine or grape marc
122	11249	Spirits and distilled alcoholic beverages, n.e.s.
122	4235	Olive oil
122	4236	Sunflower seed oil
122	42392	Sesame (sesamum) oil

Source: World Integrated Trade Solution (https://wits.worldbank.org/).