

The CTIER Classification

The Centre for Technology, Innovation and Economic Research (CTIER) is committed to improving the quality and timeliness of data that captures research and development activity in India. Improving the quality of the data reported, in our view, would contribute to quality research and assist in making better informed policy decisions in India.

We have started with the basic task of constructing an accurate and comprehensive list of the top 150 firms doing R&D in the country, to better understand the nature of R&D being undertaken, how it is changing, the talent trends in the firms, and the impact of various government measures. Industrial R&D in India is extremely concentrated, with the top 100 R&D spenders accounting for over 85% of total industrial R&D, and situated within a few R&D intensive sectors.

There are a number of R&D intensive sectors that figure in global R&D measurements, but have minimal R&D activity in India. It has been important to devise a classification for Indian industry to better capture R&D activity within various sectors in accordance with global classifications for comparability. This will help Indian companies move up the value added chain in existing sectors where Indian companies are globally competitive, while also identifying and encouraging investments in industries and new fields that India does not have a significant presence in.

We intend for this classification to help researchers and policy makers design policies that would make India a much more competitive economy overall with technical capability that is materially different from what it is currently, while also creating new employment opportunities in significant numbers.

Methodology:

The CTIER classification has been designed using the Ministry of Statistics and Programme Implementation's National Industrial Classification (NIC) and the Financial Times Stock Exchange's Industry Classification Benchmark (ICB).

The ICB classification is used by the EU Industrial R&D Investment Scoreboard, published as part of the Industrial Research and Innovation Monitoring and Analysis activities jointly carried out by the European Commission's Joint Research Centre - Institute for Prospective Technological Studies and the Directorate General for Research and Innovation- Directorate A, Policy Development and Coordination. The EU Industrial R&D Investment Scoreboard provides annual economic and financial information including R&D expenditure data for the top 2500 global firms.

At present, the CTIER classification has been designed keeping in mind the top 20 global R&D sectors by expenditure. The intention would be to cover additional sectors going

forward. Details of the modifications made are available in the comments section.

Benefits:

By mapping the NIC (2-digit classification and in some cases the 5-digit classification) to the ICB system of classification, the CTIER classification will allow researchers to effectively compare industrial activity in India with top global R&D spenders - for example it allows for a comparison of the R&D intensity of firms in India with the global average intensity for a particular sector.

It was also found that certain top R&D spenders in India were in danger of being classified as a “diversified” business when in effect, it was possible to classify them within a specific sector for which the company has a significant business presence. A wrong classification has the potential to distort the picture when one is ranking top R&D sectors by expenditure in India. The CTIER classification has accounted for such discrepancies.

The Aerospace and defence manufacturing sector does not exist as a separate classification when one uses the NIC system. Given the importance of this sector in the context of the ‘Make in India’ campaign, the CTIER classification allows for easy identification of companies within this sector.

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ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments	
4570	Pharmaceuticals & Biotechnology	4573 Biotechnology -Companies engaged in research into and development of biological substances for the purposes of drug discovery and diagnostic development, and which derive the majority of their revenue from either the sale or licensing of these drugs and diagnostic tools. 4577 Pharmaceuticals -Manufacturers of prescription or over-the-counter drugs, such as aspirin, cold remedies and birth control pills. Includes vaccine producers but excludes vitamin producers, which are classified under Food Products.	Pharmaceuticals & Biotechnology	21		Manufacture of Pharmaceuticals, medicinal chemical and botanical products	Exclusions (Included in): 72200	
						Manufacture of Pharmaceuticals, medicinal chemical and botanical products		
					21001	Manufacture of medicinal substances used in the manufacture of pharmaceuticals: antibiotics, endocrine products, basic vitamins; opium derivatives; sulpha drugs; serums and plasmas; salicylic acid, its salts and esters; glycosides and vegetable alkaloids; chemically pure suger etc.		
					21002	Manufacture of allopathic pharmaceutical preparations		
					21003	Manufacture of `ayurvedic` or `unani` pharmaceutical preparation		
					21004	Manufacture of homoeopathic or biochemic pharmaceutical preparations		
					21005	Manufacture of veterinary preparations		
					21006	Manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string etc.		
					21009	Manufacture of other pharmaceutical and botanical products n.e.c. like hina powder etc.		
				72	Scientific Research and Development			
	Research and Experimental development on natural sciences and engineering							
		72100	Research and experimental development on natural sciences and engineering					
3350	Automobiles & Parts	3353 Automobiles -Makers of motorcycles and passenger vehicles, including cars, sport utility vehicles (SUVs) and light trucks. Excludes makers of heavy trucks, which are classified under Commercial Vehicles & Trucks and makers of recreational vehicles (RVs, ATVs) are classified under Recreational Products. 3355 Auto Parts - Manufacturers and distributors of new and replacement parts for motorcycles and automobiles, such as engines, carburetors and batteries. Excludes producers of tires, which are classified under Tires. 3357 Tires - Manufacturers, distributors and retreaders of automobile, truck and motorcycle tires.	Automobiles & Parts	22		Manufacture of Rubber and plastics products	Note: We have included manufacture of commercial vehicles in Automobiles & Parts (code 29102). The ICB classification for Automobiles & Parts does not include Commercial Vehicles and Trucks. Exclusions (Included in): 22191, 22192, 22194, 22199, 22201, 22203-22209 (Chemicals) 22193 (Personal Goods) 22202 (Household Goods & Home Construction) 30111, 30113-30115 and 30201-30206 (Industrial Engineering) 30112, 30301-30305 and 30400 (Aerospace & Defence Sector) 30120 (Leisure Goods)	
						Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres		
					22111	Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft		
					22112	Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws		
					22113	Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres		
				22119	Manufacture of rubber tyres and tubes n.e.c.			
				29		Manufacture of motor vehicles, trailers and semi-trailers		
						Manufacture of motor vehicles		
					29101	Manufacture of passenger cars		
					29102	Manufacture of commercial vehicles such as vans, lorries, over-the-road tractors for semi-trailers etc.		
					29103	Manufacture of chassis fitted with engines for the motor vehicles included in this class		
					29104	Manufacture of motor vehicle engines		
					29109	Manufacture of motor vehicles n.e.c.		
						Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers		
					29201	Manufacture of bodies, including cabs for motor vehicles		
					29202	Manufacture of trailers and semi-trailers for transport of goods or passengers		
				29209	Manufacture of other attachments to motor vehicles n.e.c.			
				30		Manufacture of parts and accessories for motor vehicles		
					29301	Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalysers, clutches, steering wheels, steering columns and steering boxes etc.		
					29302	Manufacture of parts and accessories of bodies for motor vehicles such as safety belts, airbags, doors, bumpers		
					29303	Manufacture of car seats		
					29304	Manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.		
						Manufacture of other transport equipment		
						Manufacture of motorcycles		
					30911	Manufacture of motorcycles, scooters, mopeds etc. and their engine		
					30912	Manufacture of three-wheelers and their engine		
					30913	Manufacture of parts and accessories of three wheelers and motorcycles including side cars		
	Manufacture of bicycles and invalid carriages							
30921	Manufacture of non-motorized bicycles and other cycles, including cyclerickshaws, (delivery) tricycles, tandems, children's bicycles and tricycles, baby carriages							
30922	Manufacture of invalid carriages with or without motor							
30923	Manufacture of parts and accessories for bicycles, cycle -rickshaws and invalid carriages							
	Manufacture of other transport equipment n.e.c.							
30991	Manufacture of vehicles drawn by animals							
30999	Manufacture of other transport equipments n.e.c. such as pushcarts, handcarts etc							
9530	Software & Computer Services	9533 Computer Services - Companies that provide consulting services to other businesses relating to information technology. Includes providers of computer-system design, systems integration, network and systems operations, data management and storage, repair services and technical support. 9535 Internet - Companies providing Internet-related services, such as Internet access providers and search engines and providers of Web site design, Web hosting, domain-name registration and e-mail services 9537 Software - Publishers and distributors of computer software for home or corporate use. Excludes computer game producers, which are classified under Toys.	Software & Computer Services	62		Computer programming, consultancy and related activities		
						Computer programming activities		
					62011	Writing , modifying, testing of computer program to meet the needs of a particular client excluding web-page designing		
					62012	Web-page designing		
					62013	Providing software support and maintenance to the clients		
						Computer consultancy and computer facilities management activities		
					62020	Computer consultancy and computer facilities management activities		
						Other information technology and computer service activities		
					62091	Software installation		
					62092	Computer disaster recovery		
					62099	Other information technology and computer service activities n.e.c		
					63	Information service activities		
					Data processing, hosting and related activities			
63111	Data processing activities including report writing							

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					63112	Web hosting activities	
					63113	Providing general time-share mainframe facilities to clients	
					63114	Providing data entry services	
					63119	Other data processing, hosting and related activities n.e.c.	
						Web portals	
					63121	Operation of web sites that use a search engine to generate and maintain extensive databases of internet addresses and content in an easily searchable format	
					63122	Operation of other websites that act as portals to the Internet, such as media sites providing periodically updated content	
						News agency activities	
					63910	News agency activities	
						Other information service activities n.e.c.	
					63991	Telephone based information services	
					63992	Activities of cyber café	
					63999	Other information service activities n.e.c.	
1350	Chemicals	1353 Commodity Chemicals - Producers and distributors of simple chemical products that are primarily used to formulate more complex chemicals or products, including plastics and rubber in their raw form, fiberglass and synthetic fibers. 1357 Specialty Chemicals - Producers and distributors of finished chemicals for industries or end users, including dyes, cellular polymers, coatings, special plastics and other chemicals for specialized applications. Includes makers of colorings, flavors and fragrances, fertilizers, pesticides, chemicals used to make drugs, paint in its pigment form and glass in its unfinished form. Excludes producers of paint and glass products used for construction, which are classified under Building Materials & Fixtures.	Chemicals	20		Manufacture of chemicals and chemical products	Exclusions (Included In):
						Manufacture of basic chemicals	19201-19209 (Oil & Gas Producers)
					20111	Manufacture of liquefied or compressed inorganic industrial or medical gases (elemental gases, liquid or compressed air, refrigerant gases, mixed industrial gases etc.)	20231-20233, 20238 (Household Goods & Home Construction)
					20112	Manufacture of inorganic acids except nitric acid	
					20113	Manufacture of tanning or dyeing extracts; tannings and their derivatives and colouring matter (including manufacture of	
					20114	Manufacture of dyes and pigments from any source in basic form or as concentrate	20234-20239, 22193 (Personal Goods)
					20115	Manufacture of turpentine and resins of vegetable origin	
					20116	Manufacture of basic chemical elements	22111-22119 (Automobiles and Parts)
					20117	Manufacture of distilled water	
					20118	Manufacture of synthetic aromatic products	
					20119	Manufacture of organic and inorganic chemical compounds n.e.c.	22202 (Household Goods & Home Construction)
						Manufacture of fertilizers and nitrogen compounds	
					20121	Manufacture of urea and other organic fertilizers	
					20122	Manufacture of straight mixed, compound or complex inorganic fertilizers	
					20123	Associated nitrogen products (nitric & sulphonitric acids, ammonia, ammonium chloride, ammonium carbonate, nitrites of potassium and nitrates)	
					20129	Manufacture of other fertilizers n.e.c.	
						Manufacture of plastics and synthetic rubber in primary forms	
					20131	Manufacture of plastic in primary forms (includes amino-resins, polyurethanes etc.)	
					20132	Manufacture of synthetic rubber in primary forms	
					20133	Manufacture of mixture of synthetic and natural or rubber like gums	
						Manufacture of pesticides and other agrochemical products	
					20211	Manufacture of insecticides, rodenticides, fungicides, herbicides	
					20212	Manufacture of disinfectants (for agricultural and other use)	
					20213	Manufacture of anti-sprouting products, plant growth regulators	
					20219	Manufacture of other agrochemical products n.e.c.	
						Manufacture of paints, varnishes and similar coatings, printing ink and mastics	
					20221	Manufacture of paints and varnishes, enamels or lacquers	
					20222	Manufacture of prepared pigments, prepared opacifiers and prepared colours, vitrifiable enamels and glazes engobes and similar preparations of a kind used in the ceramic, enamelling or glass industry	
					20223	Manufacture of printing ink	
					20224	Manufacture of prepared pigments and other colouring matter of a kind used in the manufacture of paints or by artists or other painters	
					20229	Manufacture of caulking compounds and similar non-refractory filling or surfacing preparations, mastics, prepared paint or varnish removers, organic composite solvents and thinners and other related products n.e.c.	
						Manufacture of other chemical products n.e.c.	
					20291	Manufacture of matches	
					20292	Manufacture of explosives, ammunition and fire works	
					20293	Manufacture of essential oils; modification by chemical processes of oils and fats (e.g. by oxidation, polymerization etc.)	
					20294	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials, chemical preparations for photographic uses	
					20295	Manufacture of gelatine and its derivatives, resinoids, glues, prepared adhesives, including rubber-based glues and adhesives	
					20296	Manufacture of chemical elements and compounds doped for use in electronics	
					20297	Manufacture of chemical products or preparations of a kind used in the textiles, paper, leather and like industries	
					20299	Manufacture of various other chemical products n.e.c. (antiknock preparations, anti-freeze preparations, liquids for hydraulic transmission, composite diagnostic or laboratory reagents, writing or drawing ink, chemical substance used in manufacturing of pesticides and other chemical products)	
						Manufacture of man-made fibres	
					20301	Manufacture of synthetic or artificial filament tow	
					20302	Manufacture of synthetic or artificial filament staple fibre not textured	
					20303	Manufacture of synthetic or artificial filament yarn, tenacity yarn whether or not textured including high tenacity yarn	
					20304	Manufacture of synthetic or artificial mono-filament or strip	
				19		Manufacture of coke and refined petroleum products	
						Manufacture of coke oven products	
					19101	Manufacture of coke oven products	
					19109	Manufacture of other coke oven products such as gas, crude coal and lignite tars etc.	
				22		Manufacture of rubber and plastic products	
						Manufacture of other rubber products	
					22191	Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.	

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					22192	Manufacture of rubber conveyor or transmission belts or belting	
					22194	Manufacture of rubber balloons	
					22199	Manufacture of other rubber products n.e.c.	
						Manufacture of plastic products	
					22201	Manufacture of semi-finished of plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)	
					22203	Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)	
					22204	Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics	
					22205	Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)	
					22206	Manufacture of spectacle frames of plastic	
					22207	Manufacture of moulded industrial accessories of plastics [including electrical insulating fittings of plastics]	
					22208	Manufacture of polymer/ synthetic / PVC water storage tanks	
					22209	Manufacture of other plastics products n.e.c.	
2750	Industrial Engineering	<p>2753 Commercial Vehicles & Trucks - Manufacturers and distributors of commercial vehicles and heavy agricultural and construction machinery, including rail cars, tractors, bulldozers, cranes, buses and industrial lawn mowers. Includes non-military shipbuilders, such as builders of cruise ships and ferries.</p> <p>2757 Industrial Machinery -Designers, manufacturers, distributors and installers of industrial machinery and factory equipment, such as machine tools, lathes, presses and assembly line equipment. Includes makers of pollution control equipment, castings, pressings, welded shapes, structural steelwork, compressors, pumps, bearings, elevators and escalators.</p>	Industrial Engineering	25		Manufacture of fabricated metal products, except machinery and equipment	<p>Exclusions (Included in):</p> <p>25200, 30112, 30301-30305 and 30400 (Aerospace & Defence)</p> <p>25931, 25933, 25994 (Household Goods & Home Construction)</p> <p>30120 (Leisure Goods)</p> <p>30911-30913, 30921-30923, 30991-30999 (Automobiles and Parts)</p>
						Manufacture of structural metal products	
				25111	Manufacture of doors, windows and their frames, shutters and rolling shutters, gates and similar articles used on buildings		
				25112	Manufacture of metal frameworks or skeletons for construction and parts thereof ((towers, masts, trusses, bridges etc.)		
				25113	Manufacture of industrial frameworks in metal (frameworks for blast furnaces, lifting and handling equipment etc.)		
				25119	Manufacture of other structural metal products		
						Manufacture of tanks, reservoirs and containers of metal	
				25121	Manufacture of metal containers for compressed or liquefied gas		
				25122	Manufacture of metal reservoirs, tanks and similar containers		
				25123	Manufacture of central heating boilers and radiators and parts and accessories thereof		
				25129	Manufacture of other containers n.e.c.		
						Manufacture of steam generators, except central heating hot water boilers	
				25131	Manufacture of steam or other vapour generating boilers and hot water boilers other than central heating boilers		
				25132	Manufacture of nuclear reactors, except isotope separators		
				25133	Manufacture of auxiliary plant for use with steam generators (condensers, economizers, superheaters, steam collectors and accumulators)		
				25139	Manufacture of other steam generators (except central heating hot water boilers), n.e.c.		
						Forging, pressing, stamping and roll-forming of metal; powder metallurgy	
				25910	Forging, pressing, stamping and roll-forming of metal; powder metallurgy		
						Machining; treatment and coating of metals	
				25920	Machining; treatment and coating of metals		
						Manufacture of cutlery, hand tools and general hardware	
				25932	Manufacture of hand tools (non-power-driven) for agricultural/horticulture/ forestry		
				25934	Manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles etc.		
				25939	Manufacture of general hardware (saws and sawblades, including circular sawblades and chainsaws, moulding boxes, clamps, etc.)		
						Manufacture of other fabricated metal products n.e.c.	
				25991	Manufacture of metal fasteners (nails, rivets, tacks, pins, staples, washers and similar non-threaded products and nuts, bolts, screws and other threaded products)		
				25992	Manufacture of containers such as tins and cans for food products and boxes		
				25993	Manufacture of metal cable and other articles made of wire (except for electric transmission)		
				25995	Manufacture of metal sanitaryware such as baths, sinks, washbasins and similar articles		
				25996	Manufacture of reinforced safes, vaults, strongroom doors, gates and metal goods for office use (other than office furniture) and other purposes		
				25999	Manufacture of other fabricated metal products n.e.c.		
				28		Manufacture of machinery and equipment n.e.c.	
						Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	
				28110	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines		
						Manufacture of fluid power equipment	
				28120	Manufacture of fluid power equipment		
						Manufacture of other pumps, compressors, taps and valves	
				28131	Manufacture of hand pumps		
				28132	Manufacture of other pumps, compressors, taps and valves etc.		
						Manufacture of bearings, gears, gearing and driving elements	
				28140	Manufacture of bearings, gears, gearing and driving elements		
						Manufacture of ovens, furnaces and furnace burners	
				28150	Manufacture of ovens, furnaces and furnace burners		
						Manufacture of lifting and handling equipment	
				28161	Manufacture of lifts, escalators and moving walkways		
				28162	Manufacture of other lifting and handling equipment and parts thereof		
						Manufacture of office machinery and equipment	
				28170	Manufacture of office machinery and equipment		
						Manufacture of power-driven hand tools	
				28180	Manufacture of power-driven hand tools		
						Manufacture of other general-purpose machinery	
				28191	Manufacture of refrigerating or freezing equipment for industrial use, including assemblies of major components		
				28192	Manufacture of air-conditioning machines, including motor vehicles airconditioners		
				28193	Manufacture of fire extinguishers and other equipment for projecting, dispersing or spraying liquids or powders whether or not hand-operated, including sand blasting machines, stream cleaning machines etc.		
				28194	Manufacture of weighing machinery (other than sensitive laboratory balances)		
				28195	Manufacture of filtering and purifying machinery or apparatus for liquids and gases		

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					28199	Manufacture of other general purpose machinery n.e.c. (fans intended for industrial applications, exhaust hoods for commercial, laboratory or industrial use; calendering or other rolling machines other than for metals or glass; gaskets and similar joints made of a combination of materials or layers of the same material and other general purpose machinery including manufacture of parts and accessories for general purpose machinery and equipment.)	
						Manufacture of agricultural and forestry machinery	
					28211	Manufacture of tractors used in agriculture and forestry	
					28212	Manufacture of ploughs, manure spreaders, seeders, harrows and similar agricultural machinery for soil preparation, planting or fertilizing, harvesting or threshing machinery	
					28213	Manufacture of spraying machinery for agricultural use	
					28219	Manufacture of other agricultural and forestry machinery n.e.c.	
						Manufacture of metal-forming machinery and machine tools	
					28221	Manufacture of machine tools for turning, drilling, milling, shaping, planning, boring, grinding etc.	
					28222	Manufacture of electroplating machinery	
					28223	Manufacture of parts and accessories for the machine tools listed above	
					28229	Manufacture of metal-forming machinery and machine tools n.e.c.	
						Manufacture of machinery for metallurgy	
					28230	Manufacture of machinery for metallurgy	
						Manufacture of machinery for mining, quarrying and construction	
					28241	Manufacture of continuous-action elevators and conveyors for underground use	
					28242	Manufacture of boring, cutting, sinking and tunnelling machinery (whether or not for underground use)	
					28243	Manufacture of earth-moving machinery (bulldozers, angle-dozers, graders, scrapers, levellers, mechanical shovels, shovel loaders, off-road dumping trucks etc.)	
					28244	Manufacture of tracklaying tractors and tractors used in construction or mining	
					28245	Manufacture of concrete and mortar mixers, piledrivers and pile-extractors, mortar spreaders, bitumen spreaders, concrete surfacing machinery	
					28246	Manufacture of parts and accessories for machinery/equipment used by construction and mining industries	
					28249	Manufacture of other machinery for mining, quarrying and construction n.e.c.	
						Manufacture of machinery for food, beverage and tobacco processing	
					28251	Manufacture of machinery for the dairy industry	
					28252	Manufacture of machinery for the grain milling industry	
					28253	Manufacture of presses, crushers etc. used to make wine, cider, fruit juices etc.	
					28254	Manufacture of machinery for the bakery industry or for making macaroni, noodles, pasta etc.	
					28255	Manufacture of machinery for the extraction or preparation of animal or vegetable fats or oils	
					28256	Manufacture of machinery for the preparation of tobacco and for the making of cigarettes or cigars, or for pipe or chewing tobacco or snuff	
					28259	Manufacture of other machinery for the industrial preparation or manufacture of food or drink n.e.c. (including tea or coffee making machines)	
						Manufacture of machinery for textile, apparel and leather production	
					28261	Manufacture of machinery for preparation of textile fibers, spinning machines, machines for preparing textile yarns, weaving machines (looms), including hand looms, knitting machines	
					28262	Manufacture of textile printing machinery	
					28263	Manufacture of machinery for washing, bleaching, dyeing, dressing, finishing coating or impregnating textile fabrics, machines for reeling, unreeling, folding, cutting or pinking textile fabrics, and similar machinery for fabric processing	
					28264	Manufacture of ironing machines, commercial washing and drying machines, dry-cleaning machines and other laundry machinery	
					28265	Manufacture of sewing machines, sewing machine heads and sewing machine needles (whether or not for household use)	
					28266	Manufacture of machinery for preparing, tanning or working hides, skins or leather, machinery for making or repairing footwear or other articles of hides, skins, leather or fur skins	
					28269	Manufacture of other machinery for textiles, apparel and leather production n.e.c.	
						Manufacture of other special-purpose machinery	
					28291	Manufacture of machinery for making paper pulp, paper, paperboard and articles of paper board	
					28292	Manufacture of machinery for working soft rubber or plastics or for the manufacture of products of these materials	
					28293	Manufacture of printing and bookbinding machines and machines for activities supporting printing on a variety of materials (other than textiles)	
					28299	Manufacture of other special-purpose machinery n.e.c.	
				30		Manufacture of other Transport Equipment	
						Building of ships and floating structures	
					30111	Building of commercial vessels: passenger vessels, ferry-boats, cargo ships, tankers, tugs, hovercraft (except recreation-type hovercraft) etc.	
					30113	Building of fishing boats and fish-processing factory vessels	
					30114	Construction of floating or submersible drilling platforms	
					30115	Construction of floating structures (floating docks, pontoons, coffer-dams, floating landing stages, buoys, floating tanks, barges, lighters, floating cranes, non-recreational inflatable rafts etc.)	
						Manufacture of railway locomotives and rolling stock	
					30201	Manufacture of electric, diesel, steam and other rail locomotives	
					30202	Manufacture of self-propelled railway or tramway coaches, vans and trucks, maintenance or service vehicles	
					30203	Manufacture of railway or tramway rolling stock, not self-propelled (passenger coaches, goods vans tank wagons, self-discharging vans and wagons, workshop vans, crane vans, tenders etc.	
					30204	Manufacture of specialized parts of railway or tramway locomotives or of rolling stock (bogies, axles and wheels, brakes and parts of brakes; hooks and coupling devices, buffers and buffer parts; shock absorbers; wagon and locomotive frames; bodies; corridor connections etc.)	
					30205	Manufacture of mechanical and electro-mechanical signalling safety and traffic control equipment for railways, tramways, inland waterways, roads, parking facilities, airfields etc.	
					30206	Manufacture of mining locomotives and mining rail cars	
2730	Electronic & Electrical Equipment	2733 Electrical Components & Equipment - Makers and distributors of electrical parts for finished	Electronics & Electrical Equipment	26		Manufacture of Computer, Electronic and Optical products Manufacture of electronic components	Exclusions (Included in):

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		products, such as printed circuit boards for radios, televisions and other consumer electronics. Includes makers of cables, wires, ceramics, transistors, electric adapters and security cameras. 2737 Electronic Equipment - Manufacturers and distributors of electronic products used in different industries. Includes makers of lasers, smart cards, bar scanners, fingerprinting equipment and other electronic factory equipment.			26101	Manufacture of electronic capacitors, resistors, chokes, coils, transformers (electronic) and similar components	26103, 26107, 26201-26209, 26301-26309, 26700, 26800, 27310 (Technology Hardware & Equipment)
					26102	Manufacture of electron tubes, diodes, transistors and related discrete devices	
					26104	Manufacture of bare printed circuit boards, loading of components onto printed circuit boards; manufacture of interface cards (e.g. sound, video, controllers, network, modems)	26401-26409 (Leisure Goods)
					26105	Manufacture of display components (plasma, polymer, LCD, LED)	
					26106	Manufacture of printer cables, monitor cables, USB cables, connectors etc.	26515 (Aerospace & Defence)
					26109	Manufacture of other electronic components n.e.c	
						Manufacture of measuring, testing, navigating and control equipment	26600 (Healthcare Equipment & Services)
					26511	Manufacture of physical properties testing and inspection equipment	
					26512	Manufacture of automotive emissions testing equipment	27400, 27501-27509 (Household Goods & Home Construction)
					26513	Manufacture of consumption meters for electricity, water or gas, flow meters and counting meters	
					26514	Manufacture of meteorological instruments	
					26516	Manufacture of laboratory analytical instruments and miscellaneous laboratory apparatus for measuring and testing such as scales, balances, incubators etc.	
					26517	Manufacture of industrial process control equipment	
					26519	Manufacture of other measuring n.e.c.	
						Manufacture of watches and clocks	
					26521	Manufacture of watches and clocks, including instrument panel clocks(except time-recording equipment)	
					26522	Manufacture of components for clocks and watches (springs, jewels, dials, hands, plates, bridges and other parts); watch and clock cases, including cases of precious metals	
					26523	Manufacture of time-recording equipments such as time-clock, parking meters, etc.	
					26529	Manufacture of other watches and clocks n.e.c.	
				27		Manufacture of Electrical equipment	
						Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	
					27101	Manufacture of power generators (except battery charging alternators for internal combustion engines), motor generator sets (except turbine generator set units)	
					27102	Manufacture of electric power distribution transformers, arc-welding transformers, fluorescent ballasts, transmission and distribution voltage regulators	
					27103	Manufacture of electric motors (except internal combustion engine starting motors)	
					27104	Manufacture of electricity distribution and control apparatus (electrical apparatus for switching or protecting electrical circuits (e.g. switches, fuses, voltage limiters, surge suppressors, junction boxes etc.) for a voltage exceeding 1000 volts; similar apparatus (including relays, sockets etc.) for a voltage not exceeding 1000 volts; boards, panels, consoles, cabinets and other bases equipped with two or more of the above apparatus for electricity control or distribution of electricity including power capacitors.)	
						Manufacture of batteries and accumulators	
					27201	Manufacture of primary cells and primary batteries and rechargeable batteries, cells containing manganese oxide, mercuric oxide silver oxide or other material	
					27202	Manufacture of electric accumulator including parts thereof (separators, containers, covers)	
						Manufacture of other electronic and electric wires and cables	
					27320	Manufacture of other electronic and electric wires and cables (insulated wire and cable made of steel, copper, aluminium)	
						Manufacture of wiring devices	
					27331	Manufacture of switch, switch box, lamp holders, lugs etc	
					27339	Manufacture of other wiring devices and fittings n.e.c.	
						Manufacture of other electrical equipment	
					27900	Manufacture of other electrical equipment	
2710	Aerospace & Defence	2713 Aerospace - Manufacturers, assemblers and distributors of aircraft and aircraft parts primarily used in commercial or private air transport. Excludes manufacturers of communications satellites, which are classified under Telecommunications Equipment. 2717 Defense - Producers of components and equipment for the defense industry, including military aircraft, radar equipment and weapons.	Aerospace & Defence	30		Manufacture of Other Transport Equipment	Exclusions (Included in): 25931, 25933, 25994 (Household Goods & Home Construction)
						Building of ships and floating structures	
					30112	Building of warships and scientific investigation ships etc.	
						Manufacture of air and spacecraft and related machinery	
					30301	Manufacture of airplanes	25111-25119, 25121-25129, 25131-25139, 25910, 25920, 25932, 25934-25939, 25991-25993, 25995-25999, 30111, 30113-30115 and 30201-30206 (Industrial Engineering)
					30302	Manufacture of helicopters	
					30303	Manufacture of gliders, hang-gliders, dirigibles and hot air balloons and other non-powered aircraft	
					30304	Manufacture of spacecraft and launch vehicles, satellites, planetary probes,orbital stations, shuttles, intercontinental ballistic (ICBM) and similar missiles	
					30305	Manufacture of parts and accessories of the aircraft and spacecraft of this class (major assemblies such as fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles, airscrews, helicopter rotors and propelled rotor blades, motors and engines of a kind typically found on aircraft, parts of turbojets and turbopropellers for aircraft, aircraft seats etc. and other specialised parts of spacecraft)	26103, 26107, 26201-26209, 26301-26309, 26700, 26800, 27310 (Technology Hardware & Equipment)
						Manufacture of weapons and ammunition	26101, 26102, 26104-26106, 26109, 26511, 26511-26514, 26516-26519, 26521-26529 (Electronics & Electrical Equipment)
					30400	Manufacture of weapons and ammunition (includes tanks and other vehicles; heavy weapons, artillery, mobile guns; small arms such as light machine guns, rifles; air or gas guns and pistols; firearms which fire blank cartridges, signal flares, captive bolts and other non-projected firing pistols etc.)	26401-26409, 30120 (Leisure Goods)
				25		Manufacture of fabricated metal products, except machinery and equipment	
						Manufacture of weapons and ammunition	26600 (Healthcare Equipment & Services)
					25200	Manufacture of weapons and ammunition	
				26		Manufacture of Computer, Electronic and Optical products	
						Manufacture of electronic components	30911-30913, 30921-30923, 30991-30999 (Automobiles and Parts)
					26515	Manufacture of radar equipment, GPS devices, search, detection, navigation, aeronautical and nautical equipment	
2720	General Industrials	2723 Containers & Packaging - Makers and distributors of cardboard, bags, boxes, cans, drums, bottles and jars and glass used for packaging. 2727 Diversified Industrials - Industrial companies engaged in three or more classes of business within the Industrial that differ substantially from each other.	General Industrials			Diversified	Note: Diversified includes Indian companies which may be engaged in more than one business.
				82		Office Administrative, Office Support and other business support activities	Exclusions (Included in): 82990 (Industrial Transportation)
					82920	Packaging activities	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments	
4530	Healthcare Equipment & Services	<p>4533 Health Care Providers - Owners and operators of health maintenance organizations, hospitals, clinics, dentists, opticians, nursing homes, rehabilitation and retirement centers. Excludes veterinary services, which are classified under Specialized Consumer Services</p> <p>4535 Medical Equipment - Manufacturers and distributors of medical devices such as MRI scanners, prosthetics, pacemakers, X-ray machines and other non-disposable medical devices.</p> <p>4537 Medical Supplies - Manufacturers and distributors of medical supplies used by health care providers and the general public. Includes makers of contact lenses, eyeglass lenses, bandages and other disposable medical supplies.</p>	Healthcare Equipment & Services	86		Human Health Activities	<p>Exclusions (Included in):</p> <p>26103, 26107, 26201-26209, 26301-26309, 26700, 26800, 27310 (Technology Hardware & Equipment)</p> <p>26401-26409 (Leisure Goods)</p> <p>26515 (Aerospace & Defence)</p> <p>26101, 26102, 26104-26106, 26109, 26511, 26511-26514, 26516-26519, 26521-26529 (Electronics & Electrical Equipment)</p> <p>32111-32119 (Personal Goods)</p>	
					86100	Hospital activities		
					86201	Medical practice activities		
					86202	Dental practice activities		
						Other human health activities		
					86901	Activities of Ayurveda practitioners		
					86902	Activities of Unani practitioners		
					86903	Activities of homeopaths		
					86904	Activities of nurses, masseurs, physiotherapists or other para-medical practitioners		
					86905	Activities of independent diagnostic/pathological laboratories		
					86906	Activities of independent blood banks		
				86909	Other human health activities n.e.c. (including independent ambulance activities)			
				87		Residential Care Activities	32901 (Household Goods & Home Construction)	
					87100	Nursing care facilities		
					87200	Residential care activities for mental retardation, mental health and substance abuse		
					87300	Residential care activities for the elderly and disabled		
						Other residential care activities n.e.c.		
					87900	Other residential care activities n.e.c.		
				26		Manufacture of Computer, Electronic and Optical products	32201-32209, 32300, 32401-32409 (Leisure Goods)	
					26600	Manufacture of irradiation, electromedical and electrotherapeutic equipment		
				32		Other Manufacturing		
						Manufacture of medical and dental instruments and supplies		
					32501	Manufacture of dental fillings and cements (except denture adhesive or cement), dental wax and other dental plaster preparations; manufacture of dental laboratory furnaces, dental instruments, artificial teeth, bridges, etc., made in dental labs		
32502	Manufacture of laboratory apparatus (laboratory ultrasonic cleaning machinery, laboratory sterilizers, laboratory type distilling apparatus, laboratory centrifuges etc.)							
32503	Manufacture of medical, surgical, dental or veterinary furniture such as operating tables, examination tables, dentists' chairs etc.							
32504	Manufacture of bone plates and screws, syringes, needles, catheters, cannulae, etc.							
32505	Manufacture of measuring instruments such as thermometers etc.							
32506	Manufacture of orthopedic and prosthetic devices							
32507	Manufacture of ophthalmic goods, eyeglasses, sunglasses, lenses ground to prescription, contact lenses, safety goggles etc.							
32509	Manufacture of other medical and dental instruments n.e.c.							
0530	Oil & Gas Producers	<p>0533 Exploration & Production - Companies engaged in the exploration for and drilling, production, refining and supply of oil and gas products.</p> <p>0537 Integrated Oil & Gas - Integrated oil and gas companies engaged in the exploration, drilling, production, refining, distribution and retail sales of oil and gas products.</p>	Oil & Gas Producers	06		Extraction of Crude Petroleum & Natural Gas	19101, 19102 (Chemicals)	
						Extraction of crude petroleum		
					06101	Off shore extraction of crude petroleum		
					06102	On shore extraction of crude petroleum		
						Extraction of natural gas		
					06201	Offshore Extraction of natural gas		
				06202	On shore Extraction of natural gas			
				19		Manufacture of coke and refined petroleum products		
						Manufacture of refined petroleum products		
					19201	Production of liquid and gaseous fuels, illuminating oils, lubricating oils or greases or other products from crude petroleum or bituminous minerals		
					19202	Manufacture of paraffin wax		
					19203	Bottling of LPG/CNG		
					19204	Manufacture of hard-coal and lignite fuel briquette		
					19209	Manufacture of other petroleum n.e.c. (includes manufacture of petroleum jelly, micro-crystalline petroleum wax, slack wax, ozokerite, lignite wax, petroleum coke, petroleum bitumen and other residues of petroleum oils or of oils obtained from bituminous minerals)		
2350	Construction and Materials	<p>2353 Building Materials & Fixtures -Producers of materials used in the construction and refurbishment of buildings and structures, including cement and other aggregates, wooden beams and frames, paint, glass, roofing and flooring materials other than carpets. Includes producers of bathroom and kitchen fixtures, plumbing supplies and central air-conditioning and heating equipment. Excludes producers of raw lumber, which are classified under Forestry.</p> <p>2357 Heavy Construction - Companies engaged in the construction of commercial buildings, infrastructure such as roads and bridges, residential apartment buildings, and providers of services to construction companies, such as architects, masons, plumbers and electrical contractors.</p>	Construction and Materials	41		Construction of buildings	<p>Exclusions (Included in):</p> <p>23932 (Household Goods & Home Construction)</p>	
						Construction of buildings		
					41001	Construction of buildings carried out on own-account basis or on a fee or contract basis		
					41002	Activities relating to alteration, addition, repair, maintenance carried out on own-account basis or on a fee or contract basis		
				41003	Assembly and erection of prefabricated constructions on the site			
				42		Civil Engineering		
						Construction roads and railway		
					42101	Construction and maintenance of motorways, streets, roads, other vehicular and pedestrian ways, highways, bridges, tunnels and subways		
					42102	Construction and maintenance of railways and rail-bridges		
					42103	Construction and maintenance of airfield runways		
						Construction of utility projects		
					42201	Construction and maintenance of power plants		
					42202	Construction/erection and maintenance of power, telecommunication and transmission lines		
					42203	Construction of long distance pipelines or urban pipelines		
					42204	Construction and maintenance of water main and line connection, water reservoirs including irrigation system (canal)		
42205	Construction and repair of sewer systems including sewage disposal plants and pumping stations							
42206	Water well drilling							
42209	Construction of utility projects n.e.c							

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
						Construction of other civil engineering projects	
					42901	Construction and maintenance of industrial facilities such as refineries chemical plants etc.	
					42902	Construction of waterways, harbours and river works, dredging of waterways	
					42903	Construction of dams etc.	
					42904	Construction of outdoor sports facilities	
					42909	Other civil engineering projects n.e.c	
				43		Specialized construction activities	
						Demolition	
					43110	Demolition	
						Site preparation	
					43121	Site preparation for mining including overburden removal and other development and preparation of mineral properties and sites except oil and gas sites	
					43122	Site preparation including drilling, boring and core sampling for construction, geophysical, geological or similar purposes	
					43123	Clearing of building sites, earth moving: excavation, landfill, levelling and grading of construction sites, trench digging, rock removal, blasting etc.	
					43129	Other site preparation activities n.e.c.	
						Electrical installation	
					43211	Installation of electrical wiring and fittings	
					43212	Installation of telecommunications wiring, computer network and cable television wiring, including fibre optic, satellite dishes	
					43213	Installation of street lighting and electrical signals	
					43214	Installation of fire alarm system and burglar alarm system	
					43219	Other electrical electrical installation n.e.c.	
						Plumbing, heat and air-conditioning installation	
					43221	Installation of plumbing for water, gas and sanitation equipments	
					43222	Installation of heating systems (electric, gas and oil), furnaces, cooling towers, non-electric solar energy collectors etc.	
					43229	Other plumbing, heat and air conditioning activities n.e.c.	
						Other construction installation	
					43291	Installation of elevators, escalators	
					43292	Installation of thermal, sound or vibration insulation system in buildings	
					43299	Other construction projects n.e.c	
						Building completion and finishing	
					43301	Installation of doors, windows, door and window frames, fitted kitchens, of wood or other materials	
					43302	Interior completion such as ceilings, wooden wall coverings, movable partitions etc. ; Laying of parquet and other wood floor coverings, carpets and linoleum, wallpaper; tiling with ceramic, concrete or cut stone ceramic etc.	
					43303	Interior and exterior painting, glazing, plastering and decorating of buildings or civil engineering structures	
					43309	Other building completion and finishing	
						Other specialized construction activities	
					43900	Other specialized construction activities	
				23		Manufacture of other non-metallic mineral products	
						Manufacture of glass and glass products	
					23101	Manufacture of glass in primary or semi-manufactured forms (such as sheets & plate glass) including mirror sheets and wired, coloured, tinted, toughened or laminated glass	
					23102	Manufacture of glass fibre (including glass-wool) and yarn of glass fibre; nonwoven glass fabrics, mats, boards and similar non-woven products	
					23103	Manufacture of hollow glassware (bottles, jars etc.) for the conveyance or packing of goods	
					23104	Manufacture of laboratory or pharmaceutical glassware	
					23105	Manufacture of table or kitchen glassware	
					23106	Manufacture of glass bangles	
					23107	Manufacture of glass decoration pieces and glassware used in imitation jewellery	
					23109	Manufacture of other glassware/glass products: articles of glass used in construction such as glass blocks; clock or watch glasses, optical glass and optical glass elements not optically worked; and other glass products (including glass beads) n.e.c.	
						Manufacture of refractory products	
					23911	Manufacture of refractory mortars, concretes etc.	
					23912	Manufacture of refractory bricks, blocks tiles and similar refractory ceramic constructional goods	
					23913	Manufacture of refractory ceramic products	
					23919	Manufacture of other refractory articles n.e.c.	
						Manufacture of clay building materials	
					23921	Manufacture of bricks	
					23922	Manufacture of non-refractory ceramic sanitary wares: sinks, baths, watercloset pans, flushing cistern etc.	
					23923	Manufacture of non-refractory ceramic pipes, conduits, guttering and pipe fittings	
					23929	Manufacture of other clay building materials	
						Manufacture of other porcelain and ceramic products	
					23931	Manufacture of articles of porcelain or china, earthenware, imitation porcelain or common pottery, including earthen statues	
					23933	Manufacture of statuettes and other ornamental ceramic articles	
					23934	Manufacture of electrical insulators and insulating fittings of ceramics	
					23935	Manufacture of ceramic laboratory, chemical and industrial products	
					23939	Manufacture of ceramic products n.e.c	
						Manufacture of cement, lime and plaster	
					23941	Manufacture of clinkers and cement	
					23942	Manufacture of portland cement, aluminous cement, slag cement and similar hydraulic cement	
					23943	Manufacture of asbestos cement	
					23944	Manufacture of quicklime, slaked lime and hydraulic lime (excluding chewing lime)	
					23945	Manufacture of plasters of calcined gypsum or calcined sulphate	
					23949	Manufacture of other cement and plaster n.e.c	

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						Manufacture of articles of concrete, cement and plaster	
					23951	Manufacture of plaster statues and other plaster products	
					23952	Manufacture of articles articles of concrete, cement or artificial stone (tiles, bricks etc.)	
					23953	Manufacture of asbestos sheets	
					23954	Manufacture of R.C.C. bricks and blocks	
					23955	Manufacture of hume pipes and other pre-fabricated structural components of cement and/or concrete for building or civil engineering	
					23956	Manufacture of insulation boards of vegetable fibre, straw or wood waste, agglomerated with cement & other mineral binders.	
					23959	Manufacture of other cement and asbestos cement products n.e.c	
						Cutting, shaping and finishing of stone	
					23960	Cutting, shaping and finishing of stone	
						Manufacture of other non-metallic mineral products n.e.c.	
					23991	Manufacture of worked mica and mica products	
					23992	Manufacture of gypsum boards	
					23993	Manufacture of millstones, sharpening or polishing stones and natural or artificial abrasive products, including abrasive powder or grain on a base of textile material, paper, paper board or other material	
					23994	Manufacture of graphite products other than electrical articles	
					23999	Manufacture of other non-metallic mineral products n.e.c. (includes asbestos yarn and fabric, and articles of asbestos yarn and fabric such as clothing, headgear, footwear, cord, string, paper o felt; friction material with a basis of asbestos or other mineral substances or of cellulose including unmounted articles such as friction material; mineral insulating material (slag wool, rockwool and similar mineral wools, exfoliated vermiculite, expanded clays and similar insulating material); products of glass wool for heat-insulating; articles of asphalt or of similar material (e.g. coal tar pitch), gypsum and articles of other mineral substances)	
9750	Technology Hardware & Equipment	9572 Computer Hardware -Manufacturers and distributors of computers, servers, mainframes, workstations and other computer hardware and subsystems, such as mass-storage drives, mice, keyboards and printers 9574 Electronic Office Equipment - Manufacturers and distributors of electronic office equipment, including photocopiers and fax machines. 9576 Semiconductors - Producers and distributors of semiconductors and other integrated chips, including other products related to the semiconductor industry, such as semiconductor capital equipment and motherboards. Excludes makers of printed circuit boards, which are classified under Electrical Components & Equipment. 9578 Telecommunications Equipment - Makers and distributors of high-technology communication products, including satellites, mobile telephones, fibers optics, switching devices, local and wide-area networks, teleconferencing equipment and connectivity devices for computers, including hubs and routers.	Technology Hardware & Equipment	26		Manufacture of Computer, Electronic and Optical products	Section compiled by CTIER. NIC did not contain a separate section for Technology Hardware & Equipment
					26103	Manufacture of integrated circuits (analog, digital or hybrid)	
					26107	Manufacture of microprocessors	
						Manufacture of computers and peripheral equipment	Exclusions (Included in):
					26201	Manufacture of desktop computers, laptop computers, hand-held computers (e.g. PDA), mainframe computers and computer servers	26401-26409 (Leisure Goods) 26515
					26202	Manufacture of magnetic and optical storage devices such as magnetic disk drives, flash drives, CD, DVD and other storage dev	(Aerospace & Defence)
					26203	Manufacture of monitors, keyboards, all types of mice, joysticks, and trackball accessories, dedicated computer terminals etc.	
					26204	Manufacture of printers, scanners, including bar code scanners, smart card readers, virtual reality helmets, computer projectors (video beamers)	26600 (Healthcare Equipment & Services)
					26205	Manufacture of computer terminals, like automatic teller machines (ATM's), point-of-sale (POS) terminals not mechanically operated	26101, 26102, 26104-26106, 26109, 26511, 26511-26514, 26516-26519, 26521-26529, 27101-27104, 27201, 27202, 27320, 27331-27339, 27900 (Electronics & Electrical Equipment)
					26209	Manufacture of computers and peripheral equipment n.e.c.	
						Manufacture of communication equipment	
					26301	Manufacture of radio and television studio and broadcasting equipment, including television cameras	
					26302	Manufacture of telephone and facsimile equipment, including telephone answering machines, PBX	
					26303	Manufacture of data communications equipment, such as bridges, routers, and gateways	
					26304	Manufacture of cable television equipment, transmitting and receiving antenna including dish, VSAT	
					26305	Manufacture of pagers, cellular phones and other mobile communication equipment	
					26309	Manufacture of other communication equipments n.e.c.	
						Manufacture of optical instruments and equipment	
					26700	Manufacture of optical instruments and equipment	
						Manufacture of magnetic and optical media	
					26800	Manufacture of magnetic and optical media	
				27		Manufacture of Electrical Equipment	
						Manufacture of fibre optic cables for data transmission or live transmission of images	
					27310	Manufacture of fibre optic cables for data transmission or live transmission of images	
1750	Industrial Metals & Mining	1753 Aluminum - Companies that mine or process bauxite or manufacture and distribute aluminum bars, rods and other products for use by other industries. Excludes manufacturers of finished aluminum products, such as siding, which are categorized according to the type of end product. 1755 Nonferrous Metals - Producers and traders of metals and primary metal products other than iron, aluminum and steel. Excludes companies that make finished products, which are categorized according to the type of end product. 1757 Iron & Steel - Manufacturers and stockholders of primary iron and steel products such as pipes, wires, sheets and bars, encompassing all processes from smelting in blast furnaces to rolling mills and foundries. Includes companies that primarily mine iron ores.	Industrial Metals & Mining	24		Manufacture of Basic Metals	
						Manufacture of basic iron and steel	
					24101	Manufacture of pig iron and spiegeleisen in pigs, blocks or other primaryforms	
					24102	Manufacture of direct reduction of iron (sponge iron) and other spongy ferrous products	
					24103	Manufacture of steel in ingots or other primary forms, and other semifinished products of steel	
					24104	Manufacture of ferro-alloys	
					24105	Manufacture of hot-rolled and cold-rolled products of steel	
					24106	Manufacture of tube and tube fittings of basic iron and steel	
					24107	Manufacture of railway track materials (unassembled rails) of steel	
					24108	Manufacture of wire of steel by cold drawing or stretching	
					24109	Manufacture of other basic iron and steel n.e.c	
						Manufacture of basic precious and other non-ferrous metals	
					24201	Manufacture of Copper from ore, and other copper products and alloys	
					24202	Manufacture of Aluminium from alumina and by other methods and products of aluminium and alloys	
					24203	Manufacturing of lead, zinc and tin products and alloys	
					24204	Manufacturing of chrome, manganese and nickel products alloys	
					24205	Production and refining of precious metals (such as gold, silver platinum etc.) and alloys	
					24209	Manufacture of other non-ferrous metals n.e.c.	
						Casting of iron and steel	
					24311	Manufacture of tubes, pipes and hollow profiles and of tube or pipe fittings of cast-iron/cast-steel	
					24319	Manufacture of other iron and steel casting and products thereof	
						Casting of non-ferrous metals	
					24320	Casting of non-ferrous metals	
3780	Tobacco	3785 Tobacco - Manufacturers and distributors of	Tobacco	12		Manufacture of tobacco products	Exclusions (Included in):

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
		cigarettes, cigars and other tobacco products. Includes tobacco plantations.				Manufacture of tobacco products	01111-01119, 01121-01124, 01131-01139, 01140, 01161-01169, 01191-01199, 01210, 01221-01229, 01231-01239, 01241-01249, 01251-01259, 01261-01269, 01271-01279, 01281-01287, 01291-01299, 01301, 01411-01413, 01420, 01430, 01441-01443, 01450, 01461-01463, 01491-01499, 01500, 01611-01619, 01620, 01631, 01632, 01639, 01640, 01700 (Food Producers)
					12001	Stemming and redrying of tobacco	
					12002	Manufacture of bidi	
					12003	Manufacture of cigarettes, cigarette tobacco	
					12004	Manufacture of cigars and cheroots	
					12005	Manufacture of snuff	
					12006	Manufacture of zarda	
					12007	Manufacture of catechu(katha) and chewing lime	
					12008	Manufacture of pan masala and related products.	
					12009	Manufacture of other tobacco products including chewing tobacco n.e.c.	
				01		Crop and animal production, hunting and related Service activities	
						Growing of Tobacco	
					01150	Growing of Tobacco	
						Post Harvest Crop Activities	
					01633	Preparation of Tobacco Leaves	
7530	Electricity	7535 Conventional Electricity - Companies generating and distributing electricity through the burning of fossil fuels such as coal, petroleum and natural gas, and through nuclear energy. 7537 Alternative Electricity - Companies generating and distributing electricity from a renewable source. Includes companies that produce solar, water, wind and geothermal electricity.	Electricity	35		Electricity, Gas, Steam and air conditioning supply	
						Electric power generation, transmission and distribution	
					35101	Electric power generation by hydroelectric power plants	
					35102	Electric power generation by coal based thermal power plants	
					35103	Electric power generation by non-coal based thermal (e.g. diesel, gas)	
					35104	Electric power generation and transmission by nuclear power plants	
					35105	Electric power generation using solar energy	
					35106	Electric power generation using other non conventional sources	
					35107	Transmission of electric energy	
					35109	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.	
3740	Leisure Goods	3743 Consumer Electronics - Manufacturers and distributors of consumer electronics, such as TVs, VCRs, DVD players, audio equipment, cable boxes, calculators and camcorders. 3745 Recreational Products - Manufacturers and distributors of recreational equipment. Includes musical instruments, photographic equipment and supplies, RVs, ATVs and marine recreational vehicles such as yachts, dinghies and speedboats. 3747 Toys - Manufacturers and distributors of toys and video/computer games, including such toys and games as playing cards, board games, stuffed animals and dolls.	Leisure Goods	26		Manufacture of Computer, Electronic and optical products.	Exclusions (Included in): 26103, 26107, 26201-26209, 26301-26309, 26700, 26800, 27310 (Technology Hardware & Equipment) 26515 (Aerospace & Defence) 26600, 32501-32509 (Healthcare Equipment & Services) 26101, 26102, 26104-26106, 26109, 26511, 26511-26514, 26516-26519, 26521-26529, 27101-27104, 27201, 27202, 27320, 27331-27339, 27900 (Electronics & Electrical Equipment) 30111, 30113-30115 and 30201-30206 (Industrial Engineering) 30112, 30301-30305 and 30400 (Aerospace & Defence Sector) 30911-30913, 30921-30923, 30991-30999 (Automobiles and Parts) 32111-32119 (Personal Goods) 32901 (Household Goods & Home Construction)
						Manufacture of consumer electronics	
					26401	Manufacture of televisions, television monitors and displays	
					26402	Manufacture video cassette recorders and duplicating equipment	
					26403	Manufacture of audio recording and duplicating systems	
					26404	Manufacture of radio receivers	
					26405	Manufacture of stereo equipment, speaker systems, amplifiers for musical instruments and public address systems, microphones, karaoke machines, headphones (e.g. radio, stereo, computer)	
					26406	Manufacture of CD and DVD players	
					26409	Manufacture of other electronic consumer goods n.e.c. (this includes nontelevision video camera)	
				30		Manufacture of Other Transport Equipment	
						Building of pleasure and sporting boats	
					30120	Building of pleasure and sporting boats	
				32		Other Manufacturing	
						Manufacture of games and toys	
					32201	Manufacture of stringed instruments (non-electronic)	
					32202	Manufacture of wind instruments, accordions, harmonium and similar instruments and mouth organs	
					32203	Manufacture of percussion musical instruments	
					32204	Manufacture of musical instruments, the sound of which is produced electronically	
					32209	Manufacture of other musical instruments n.e.c.	
						Manufacture of sports goods	
					32300	Manufacture of sports goods	
						Manufacture of games and toys	
					32401	Manufacture of dolls and toy animals	
					32402	Manufacture of wheeled toys designed to be ridden, including plastic bicycles and tricycles	
					32403	Manufacture of pin-tables, coin-operated games, billiards, special tables for casino games, etc.	
					32404	Manufacture of playing cards	
					32405	Manufacture of electronic games	
					32409	Manufacture of other games and toys n.e.c.	
3760	Personal Goods	3763 Clothing & Accessories - Manufacturers and distributors of all types of clothing, jewelry, watches or textiles. Includes sportswear, sunglasses, eyeglass frames, leather clothing and goods, and processors of hides and skins. 3765 Footwear - Manufacturers and distributors of shoes, boots, sandals, sneakers and other types of footwear. 3767 Personal Products - Makers and distributors of cosmetics, toiletries and personal-care and hygiene products, including deodorants, soaps, toothpaste, perfumes, diapers, shampoos, razors and feminine-hygiene products. Includes makers of contraceptives other than oral contraceptives, which are classified	Personal Goods	13		Manufacture of Textiles	Exclusions (Included in): 13931-13939, 15121, 20231-20233, 20238, 22202, 32901 (Household Goods & Home Construction) 20111-20119, 20121-20129, 20131-20133, 20211-20219, 20221-20229, 20291-20299, 20301-20304, 22191, 22192, 22194, 22199, 22201, 22203-22209 (Chemicals) 22111-22119 (Automobiles and Parts) 32201-32209, 32300, 32401-32409
						Manufacture of knitted and crocheted fabrics	
					13911	Manufacture of knitted and crocheted cotton fabrics	
					13912	Manufacture of knitted and crocheted woolen fabrics	
					13913	Manufacture of knitted and crocheted synthetic fabrics	
					13919	Manufacture of other knitted and crocheted fabrics	
						Manufacture of other textiles n.e.c.	
					13991	Embroidery work and making of laces and fringes	
					13992	Zari work and other ornamental trimmings	
					13993	Manufacture of linolium and similar products	
					13994	Manufacture of gas mantles	
					13995	Manufacture of made-up canvas goods such tents, sails etc.	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
		under Pharmaceuticals.			13996	Manufacture of wadding of textile materials and articles of wadding such as sanitary napkins and tampons	(Leisure Goods)
					13997	Manufacture of metallised yarn or gimped yarn, rubber thread or cord covered with textile material, textile yarn or strip impregnated, covered or sheathed with rubber or plastic	32501-32509 (Healthcare Equipment & Services)
					13998	Manufacture of waterproof textile excluding tarpulin	
					13999	Manufacture of other textiles/textile products n.e.c.	
				14		Manufacture of Wearing apparel	
						Manufacture of wearing apparel, except fur apparel	
					14101	Manufacture of all types of textile garments and clothing accessories	
					14102	Manufacture of rain coats of waterproof textile fabrics or plastic sheetings	
					14103	Manufacture of hats, caps and other clothing accessories such as gloves, belts, ties, cravats, hairnets etc.	
					14104	Manufacture of wearing apparel made of leather and substitutes of leather	
					14105	Custom tailoring	
					14109	Manufacture of wearing apparel n.e.c.	
						Manufacture of articles of fur	
					14201	Manufacture of wearing apparel and clothing accessories made of fur	
					14202	Manufacture of fur and skin rugs and other similar articles	
					14209	Manufacture of other fur products n.e.c.	
						Manufacture of knitted and crocheted apparel	
					14301	Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullover, cardigans, jerseys, waistcoats and similar articles)	
					14309	Manufacture of other knitted and crocheted apparel including hosiery	
				15		Manufacture of leather and related products	
						Manufacture of footwear	
					15201	Manufacture of leather footwear such as shoes, sandals, chappals, leather- cum-rubber/plastic cloth sandals and chappals	
					15202	Manufacture of footwear made primarily of vulcalized or moulded rubber and plastic.	
					15209	Manufacture of other footwear n.e.c.	
				20		Manufacture of Chemicals and Chemical Products	
						Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	
					20234	Manufacture of perfumes and cologne de-eau	
					20235	Manufacture of preparations for oral or dental hygiene (includes manufacture of toothpastes, toothpowder, mouthwash, oral, perfumes, dental fixative pastes and powders etc.)	
					20236	Manufacture of hair oil, shampoo, hair dye etc. (includes manufacture of shampoos, hair sprays, hair fixers, hair oils, hair creams, hair dyes and bleaches and preparations for permanent waving or straightening of the hair etc.)	
					20237	Manufacture of cosmetics and toileteries (includes manufacture of pre- shave, shaving or after shave preparations; personal deodorants and anti- respirants; perfumed bath salts and other bath preparations; beauty or make-up preparations and preparations for the care of the skin, other than medicaments; manicure and pedicure preparations etc.)	
					20239	Manufacture of other perfumes and toilet preparations n.e.c.	
				22		Manufacture of Rubber and Plastic Products	
						Manufacture of other rubber products	
					22193	Manufacture of rubber contraceptives	
				32		Other Manufacturing	
						Manufacture of jewellery and related articles	
					32111	Manufacture of jewellery of gold, silver and other precious or base metal metal clad with precious metals or precious or semi-precious stones, or of combinations of precious metal and precious or semi-precious stones or of other materials	
					32112	Working of diamonds and other precious and semi-precious stones including the working of industrial quality stones and synthetic or reconstructed precious or semi-precious stones	
					32113	Production of worked pearls	
					32114	Manufacture of coins, including coins for use as legal tender, whether or not of precious metal	
					32119	Manufacture of other articles of gold, silver and other precious and semi precious metal and stone	
2770	Industrial Transportation	<p>2771 Delivery Services - Operators of mail and package delivery services for commercial and consumer use. Includes courier and logistic services primarily involving air transportation.</p> <p>2773 Marine Transportation - Providers of on-water transportation for commercial markets, such as container shipping. Excludes ports, which are classified under Transportation Services, and shipbuilders, which are classified under Commercial Vehicles & Trucks.</p> <p>2775 Railroads - Providers of industrial railway transportation and railway lines. Excludes passenger railway companies, which are classified under Travel & Tourism, and manufacturers of rail cars, which are classified under Commercial Vehicles & Trucks.</p> <p>2777 Transportation Services - Companies providing services to the Industrial Transportation sector, including companies that manage airports, train depots, roads, bridges, tunnels, ports, and providers of logistic services to shippers of goods. Includes companies that provide aircraft and vehicle maintenance services.</p> <p>2779 Trucking - Companies that provide commercial trucking services. Excludes road and tunnel operators, which are classified under Transportation Services, and vehicle rental and taxi companies, which are classified under Travel & Tourism.</p>	Industrial Transportation	49		Land Transport And Transport Via Pipelines	Exclusions (Included in):
						Freight rail transport	82920 (General Industrials)
					49120	Freight rail transport	
						Freight transport by road	
					49231	Motorised road freight transport	
					49232	Non-motorised road freight transport	
				50		Water Transport	
						Sea and coastal freight water transport	
					50120	Sea and coastal freight water transport	
						Inland freight water transport	
					50220	Inland freight water transport	
				51		Air Transport	
						Freight air transport	
					51201	Freight air transport services	
					51202	Launching of satellites and space vehicles and space transport	
				52		Warehousing and Support Activities for Transportation	
						Service activities incidental to land transportation	
					52212	Support service at railway stations, bus stations, bridges etc.	
					52213	Switching and shunting	
					52219	Other land transport services n.e.c	
						Service activities incidental to water transportation	
					52220	Service activities incidental to water transportation	
						Service activities incidental to air transportation	
					52231	Activities related to air transport of passengers, animals or freight	
					52232	Firefighting and fire-prevention services at airports	
						Cargo handling	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
					52241	Cargo handling incidental to land transport	
					52242	Cargo handling incidental to water transport	
					52243	Cargo handling incidental to air transport	
						Other transportation support activities	
					52291	Activities of travel agents and tour operators	
					52292	Activities of shipping cargo agents	
					52293	Activities of movers and packers	
					52294	Weighing of goods	
				53		Postal and Courier Activities	
						Postal activities	
					53100	Postal activities	
						Courier activities	
					53200	Courier activities	
				82		Office Administrative, Office Support and other business Support activities	
						Other business support service activities n.e.c.	
					82990	Other business support service activities n.e.c.	
3720	Household Goods & Home Construction	<p>3722 Durable Household Products - Manufacturers and distributors of domestic appliances, lighting, hand tools and power tools, hardware, cutlery, tableware, garden equipment, luggage, towels and linens</p> <p>3724 Nondurable Household Products - Producers and distributors of pens, paper goods, batteries, light bulbs, tissues, toilet paper and cleaning products such as soaps and polishes.</p> <p>3726 Furnishings - Manufacturers and distributors of furniture, including chairs, tables, desks, carpeting, wallpaper and office furniture.</p> <p>3728 Home Construction - Constructors of residential homes, including manufacturers of mobile and prefabricated homes intended for use in one place.</p>	Household Goods & Home Construction	27		Manufacture of Electrical Equipment	Exclusions (Included in): 20111-20119, 20121-20129, 20131-20133, 20211-20219, 20221-20229, 20291-20299, 20301-20304, 22191, 22192, 22194, 22199, 22201, 22203-22209 (Chemicals) 13911-13919, 13991-13999, 15201-15209, 20234-20239, 22193 (Personal Goods) 22111-22119 (Automobiles and Parts) 23101-23109, 23911-23919, 23921-23929, 23931, 23933-23939, 23941-23949, 23951-23959, 23960, 23991-23999 (Construction & Materials) 25200 (Aerospace & Defence) 25111-25119, 25121-25129, 25131-25139, 25910, 25920, 25932, 25934-25939, 25991-25993, 25995-25999 (Industrial Engineering) 27101-27104, 27201, 27202, 27320, 27331-27339, 27900 (Electronics & Electrical Equipment) 27310 (Technology Hardware & Equipment) 32111-32119 (Personal Goods) 32201-32209, 32300, 32401-32409 (Leisure Goods) 32501-32509 (Healthcare Equipment & Services)
					27400	Manufacture of electric lighting equipment	
						Manufacture of domestic appliances	
					27501	Manufacture of domestic electric appliances such as refrigerators, washing machines, vacuum cleaners, mixers, grinders etc.	
					27502	Manufacture of domestic electrothermic appliances such as electric water heaters, space heaters, irons, ovens, toasters, microwave ovens etc	
					27503	Manufacture of electric fans (except exhaust fans)	
					27504	Manufacture of domestic non-electric cooking and heating equipment such as non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, plate warmers	
					27509	Manufacture of other domestic appliances n.e.c.	
				31		Manufacture of furniture	
					31001	Manufacture of furniture made of wood	
					31002	Manufacture of furniture made of cane & reed	
					31003	Manufacture of furniture primarily of metal	
					31004	Manufacture of furniture primarily of plastic	
					31005	Manufacture of mattresses and pillows	
					31009	Manufacture of other furniture n.e.c.	
				25		Manufacture of fabricated metal products, except machinery and equipment	
					25931	Manufacture of cutlery such as knives, forks, spoons, cleavers, choppers, razors, razor blades, scissors, hair clippers etc.	
					25933	Manufacture of hand tools such as pliers, screwdrivers, press tools, blacksmiths' tools, drills, punches, milling cutters etc	
					25994	Manufacture of metal household articles (plates, saucers, pots, kettles, saucepans, frying pans and other non-electrical utensils, small hand-operated kitchen appliances and accessories)	
				15		Manufacture of leather and related products	
					15121	Manufacture of travel goods like suitcase, bags, holdalls etc.	
				22		Manufacture of rubber and plastic products	
					22202	Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels	
				23		Manufacture of other non-metallic mineral products	
					23932	Manufacture of ceramic tableware and other domestic or toilet articles	
				17		Manufacture of paper and paper products	
						Manufacture of pulp, paper and paperboard	
					17011	Manufacture of pulp	
					17012	Manufacture of news print	
					17013	Manufacture of paper and paper rolls not further processed	
					17014	Manufacture of packing paper	
					17015	Manufacture of other special purpose paper (excluding computer stationery)	
					17016	Manufacture of paper board, straw board	
					17017	Manufacture of hard board including false board and chip board	
					17019	Manufacture of other primary paper materials including composite paper and paper board n.e.c.	
						Manufacture of corrugated paper and paperboard and containers of paper and paperboard	
					17021	Manufacture of corrugated paper and paperboard	
					17022	Manufacture of corrugated paper board containers	
					17023	Manufacture of card board boxes	
					17024	Manufacture of sacks and bags of paper	
					17029	Manufacture of other containers of paper and paperboard n.e.c.	
						Manufacture of other articles of paper and paperboard	
					17091	Manufacture of computer paper	
					17092	Manufacture of paper cups, saucers, plates, hoops, cones and other similar products	
					17093	Manufacture of printing, writing and photocopying paper ready for use	
					17094	Manufacture of paper pulp articles other than containers (such as egg trays)	
					17095	Manufacture of file cover/file boards, and similar articles.	
					17096	Manufacture of wall paper	
					17097	Manufacture of carbon paper & stationery items	
					17099	Manufacture of other paper products n.e.c.	
				32		Other Manufacturing	
					32901	Manufacture of stationary articles such as pens and pencils of all kinds whether or not mechanical, pencil leads, date, sealing or numbering stamps, hand-operated devices for printing or embossing labels, hand printing sets, prepared typewriter ribbons and inked pads, globes etc.	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
				20		Manufacture of chemicals and chemical products	
						Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	
					20231	Manufacture of soap all forms	
					20232	Manufacture of cleaning and polishing products (preparations for perfuming or deodorizing rooms; artificial waxes and prepared waxes; polishes and creams for leather, wood, glass, metal etc.; scouring pastes and powders, including paper, wadding etc. coated or covered with these)	
					20233	Manufacture of detergent and similar washing agents excluding soap	
					20238	Manufacture of "agarbatti" and other preparations which operate by burning	
				13		Manufacture of Textiles	
						Manufacture of carpets and rugs	
					13931	Manufacture of carpets and other floor coverings made of cotton	
					13932	Manufacture of carpets and other floor coverings made of wool	
					13933	Manufacture of carpets and other floor coverings made of silk	
					13934	Manufacture of carpets made of synthetic materials	
					13935	Manufacture of carpets, and other floor coverings made of jute, mesta and coir	
					13939	Manufacture of other floor coverings n.e.c.	
3570	Food Producers	<p>3573 Farming, Fishing & Plantations - Companies that grow crops or raise livestock, operate fisheries or own nontobacco plantations. Includes manufacturers of livestock feeds and seeds and other agricultural products but excludes manufacturers of fertilizers or pesticides, which are classified under Specialty Chemicals.</p> <p>3577 Food Products - Food producers, including meatpacking, snacks, fruits, vegetables, dairy products and frozen seafood. Includes producers of pet food and manufacturers of dietary supplements vitamins and related items. Excludes producers of fruit juices, tea, coffee, bottled water and other non-alcoholic beverages, which are classified under Soft Drinks.</p>	Food Producers	01		Crop and animal production, hunting and related Service activities	Exclusions (Included in):
						Growing of cereals (except rice), leguminous crops and oil seeds	01150 and 01633 (Tobacco)
					01111	Growing of wheat	
					01112	Growing of jowar, bajra and millets	
					01113	Growing of other cereals	
					01114	Growing of pulses (dal) and other leguminous crops such as peas and beans,not used as oilseeds	
					01115	Growing of mustard oil seed	
					01116	Growing of groundnut oil seed	
					01117	Growing of sunflower oil seed	
					01118	Growing of soya bean oil seed	
					01119	Growing of other oil seeds	
						Growing of rice	
					01121	Organic farming of basmati rice	
					01122	Organic farming of non-basmati rice	
					01123	Inorganic farming of basmati rice	
					01124	Inorganic farming of non-basmati rice	
						Growing of vegetables and melons, roots and tubers	
					01131	Growing of asparagus, cabbages, cauliflower, broccoli, lettuce, chicory, spinach and other leafy or stem vegetables	
					01132	Growing of cucumbers, gherkins, aubergines, tomatoes, watermelons, cantaloupes , melons and other fruit-bearing vegetables	
					01133	Growing of onion	
					01134	Growing of carrots, beets,turnips, garlic, leeks and other root, bulb vegetables(onion excluded)	
					01135	Growing of potatoes and other tubers such as sweet potatoes, cassava, yams	
					01136	Growing of mushrooms and truffles	
					01137	Growing of vegetable seeds (except beet seed)	
					01139	Growing of vegetables, n.e.c.	
						Growing of sugar cane	
					01140	Growing of sugar cane	
						Growing of fibre crops	
					01161	Growing of cotton	
					01162	Growing of jute	
					01169	Growing of other fibre crops	
						Growing of other non-perennial crop	
					01191	Growing of rose	
					01192	Growing of gladiolus	
					01193	Growing of other flowers, including production of cut flowers, flower buds and flower seeds	
					01199	Growing of other non-perennial crops including beet seed and padding materials, n.e.c.	
						Growing of grapes	
					01210	Growing of grapes	
						Growing of tropical and subtropical fruits	
					01221	Growing of mangoes	
					01222	Growing of bananas	
					01223	Growing of pineapples	
					01224	Growing of lichchis	
					01225	Growing of guava	
					01229	Growing of other tropical and sub tropical fruits	
						Growing of citrus fruits	
					01231	Growing of oranges	
					01232	Growing of mousambi (grape fruit)	
					01233	Growing of lemons and lime	
					01239	Growing of other citrus fruits	
						Growing of pome fruits and stone fruits	
					01241	Growing of apples	
					01242	Growing of apricots, peaches and nectarines	
					01243	Growing of cherries and sour cherries	
					01249	Growing of other pome fruits and stone fruits	
						Growing of other tree and bush fruits and nuts	
					01251	Growing of strawberries and other berries	
					01252	Growing of edible nuts (almonds, cashew nuts, chestnuts, hazelnuts, pistachios, walnuts and other nuts)	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
					01259	Growing of other tree and bush fruits, n.e.c.	
						Growing of oleaginous fruits	
					01261	Growing of coconut	
					01262	Growing of olives and oil palms	
					01269	Growing of other oleaginous fruits	
						Growing of beverage crops	
					01271	Growing of tea	
					01272	Growing of coffee	
					01273	Growing of cocoa	
					01279	Growing of other beverage crops	
						Growing of spices, aromatic, drug and pharmaceutical crops	
					01281	Growing of ginger	
					01282	Growing of chili	
					01283	Growing of cardamoms	
					01284	Growing of perennial and non-perennial spices and aromatic crops (pepper, capsicum, nutmeg, mace, anise, badian and fennel, cinnamon (canella), cloves, vanilla and other spices and aromatic crops)	
					01285	Growing of drug and narcotic crops	
					01286	Growing of plants used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes	
					01287	Growing of heena leaves (mehendi)	
						Growing of other perennial crops	
					01291	Growing of rubber trees	
					01292	Growing of trees for extraction of sap	
					01293	Growing of bamboo and cane	
					01299	Growing of other perennial crops, n.e.c.	
						Plant propagation	
					01301	Growing of plants for planting	
						Raising of cattle and buffaloes	
					01411	Raising and breeding of cattle and buffaloes	
					01412	Production of milk from cows or buffaloes	
					01413	Production of bovine semen	
						Raising of horses and other equines	
					01420	Raising of horses and other equines	
						Raising and breeding of camels and camelids	
					01430	Raising and breeding of camels and camelids	
						Raising of sheep and goats	
					01441	Raising and breeding of sheep and goats	
					01442	Production of milk from sheep or goat	
					01443	Production of raw wool	
						Raising of swine/pigs	
					01450	Raising of swine/pigs (including breeding of swine/pigs)	
						Raising of poultry	
					01461	Raising and breeding of chickens and capons, ducks, geese, turkeys and guinea fowls chickens and capons, ducks, geese, turkeys and guinea fowls	
					01462	Production of eggs	
					01463	Operation of poultry hatcheries	
						Raising of other animals	
					01491	Raising and breeding of pet animals (cats, dogs, birds, hamsters etc.)	
					01492	Bee-keeping and production of honey and beeswax	
					01493	Raising of silk worms, production of silk worm cocoons	
					01499	Raising of other animals, n.e.c.	
						Mixed farming	
					01500	Mixed farming	
						Support activities for crop production	
					01611	Agricultural activities on a fee or contract basis (preparation of fields, establishing a crop, treatment of crops, crop spraying, trimming of fruit trees and vines, transplanting of rice, thinning of beets, harvesting, pest control in connection with agriculture etc.)	
					01612	Operation of agricultural irrigation equipment	
					01619	Other supporting activities including agricultural gardening (excluding parks and gardening activities),n.e.c.	
						Support activities for animal production	
					01620	Support activities for animal production	
						Post-harvest crop activities	
					01631	Preparation of crops for primary markets, i.e. cleaning, trimming, grading,disinfecting	
					01632	Cotton ginning, cleaning and bailing	
					01639	Other post harvest crop activities, n.e.c.	
						Seed processing for propagation	
					01640	Seed processing for propagation	
				03		Fishing and Aquaculture	
						Marine fishing	
					03111	Fishing on a commercial basis including taking of marine crustaceans and molluscs in ocean and coastal waters	
					03112	Gathering of other marine organisms and materials such as natural pearls, sponges, coral and algae	
					03113	Activities of vessels engaged in fshing and in processing and preserving of fish	
						Fresh water fishing	
					03121	Fishing and taking of freshwater crustaceans and molluscs on a commercial basis in inland waters	
					03122	Taking and gathering of freshwater aquatic animals	
						Marine aquaculture	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
					03211	Fish farming in sea water including farming of marine ornamental fish	
					03212	Culture of crustaceans, bivalves, other mollusks and other aquatic animals in sea water	
					03213	Growing of edible seaweeds	
					03214	Aquaculture activities in brackish waters and in salt water filed tanks or reservoirs	
					03215	Operation of fish hatcheries (marine)	
					03219	Other marine aquaculture, n.e.c.	
						Freshwater aquaculture	
					03221	Fish farming in freshwater including farming of freshwater ornamental fsh	
					03222	Culture of freshwater crustaceans, bivalves, other mollusks and other aquatic animals	
					03223	Operation of fish hatcheries (fresh-water)	
					03229	Other freshwater aquaculture ctivities, n.e.c.	
				10		Manufacture of food products	
						Processing and preserving of meat	
					10101	Mutton-slaughtering, preparation	
					10102	Beef-slaughtering, preparation	
					10103	Pork-slaughtering, preparation	
					10104	Poultry and other slaughtering, preparation	
					10105	Preservation, Processing and canning of meat	
					10106	Production of hides and skins originating from slaughterhouses	
					10107	Rendering of lard and other edible fats of animal origin	
					10108	Production and processing of animal offal	
					10109	Production, processing and preserving of other meat and meat products n.e.c.	
						Processing and preserving of fish, crustaceans and molluscs and products thereof	
					10201	Sun-drying of fish	
					10202	Artificial dehydration of fish and sea food	
					10203	Radiation preservation of fish and similar food	
					10204	Processing and preserving of fish crustacean and similar foods	
					10205	Processing and canning of fish	
					10206	Processing and canning of frog legs	
					10207	Production of fishmeal for human consumption or animal feed	
					10209	Production, processing and preservation of other fish products n.e.c.	
						Processing and preserving of fruit and vegetables	
					10301	Sun-drying of fruit and vegetables	
					10302	Artificial dehydration of fruit and vegetables	
					10303	Radiation preservation of fruit and vegetables	
					10304	Manufacture of fruit or vegetable juices and their concentrates, squashes and powder	
					10305	Manufacture of sauces, jams, jellies and marmalades	
					10306	Manufacture of pickles, chutney etc.	
					10307	Canning of fruits and vegetables	
					10308	Manufacture of potato flour & meals and prepared meals of vegetables	
					10309	Preservation of fruit and vegetables n.e.c	
						Manufacture of vegetable and animal oils and fats	
					10401	Manufacture of hydrogenated oil and vanaspati ghee	
					10402	Manufacture of vegetable oils and fats excluding corn oil	
					10403	Manufacture of edible animal oils and fats	
					10404	Manufacture of fish oil	
					10405	Manufacture of non-edible animal oil and fats	
					10406	Manufacture of oil cakes & meals including residual products, e.g. Oleostearin, Palmstearin	
					10407	Manufacture of non-defatted flour or meals of oilseeds, oilnuts or kernels	
					10409	Manufacture of other vegetable oil, animal oil and fats n.e.c	
						Manufacture of dairy products	
					10501	Manufacture of pasteurised milk whether or not in bottles/ polythene packs etc. (plain or flavoured)	
					10502	Manufacture of milk-powder, ice-cream powder and condensed milk except baby milk food	
					10503	Manufacture of baby milk foods	
					10504	Manufacture of cream, butter, cheese, curd, ghee, khoya etc.	
					10505	Manufacture of ice-cream, kulf etc.	
					10509	Manufacture of other dairy products n.e.c.	
						Manufacture of grain mill products	
					10611	Flour milling	
					10612	Rice milling	
					10613	Dal (pulses) milling	
					10614	Grain milling other than wheat, rice and dal	
					10615	Vegetable milling (production of flour or meal of dried leguminous vegetables(except dal), of roots or tubers, or of edible nuts)	
					10616	Manufacture of cereal breakfast foods obtained by roasting or swelling cereal grains	
					10617	Manufacture of flour mixes and prepared blended flour and dough for bread, cakes, biscuits	
					10618	Manufacture of other readymade mixed powders like idli, gulabjamun etc.	
					10619	Other grain milling and processing n.e.c.	
						Manufacture of starches and starch products	
					10621	Manufacture of starches from rice, potatoes, maize etc.	
					10622	Manufacture of sago and sago products	
					10623	Manufacture of glucose, glucose syrup, maltose etc.	
					10624	Manufacture of gluten	
					10625	Manufacture of tapioca and tapioca substitutes prepared from starch	

ICB Sector Code	ICB Classification	ICB Sub-Sector	CTIER Classification	NIC Division	5 Digit Code	NIC Classification	Comments
					10626	Manufacture of corn oil	
					10629	Manufacture of other starch products n.e.c.	
						Manufacture of bakery products	
					10711	Manufacture of bread	
					10712	Manufacture of biscuits, cakes, pastries, rusks etc.	
					10719	Manufacture of other bakery products n.e.c.	
						Manufacture of sugar	
					10721	Manufacture or refining of sugar (sucrose) from sugarcane	
					10722	Manufacture of `gur` from sugarcane	
					10723	Manufacture of `gur` from other than sugarcane	
					10724	Manufacture of `khandsari` sugar from sugarcane	
					10725	Manufacture of `khandsari` sugar from other than sugarcane	
					10726	Manufacture of `boora` and candy from sugarcane	
					10727	Manufacture of `boora` and candy from other than sugarcane	
					10728	Manufacture of molasses	
					10729	Manufacture of sugar from other sources (juice of palm, suger beet etc.)	
						Manufacture of cocoa, chocolate and sugar confectionery	
					10731	Manufacture of cocoa products	
					10732	Manufacture of chocolate and chocolate confectionery	
					10733	Manufacture of sugar confectionery (except sweetmeats)	
					10734	Manufacture sweetmeats including dairy based sweetmeats	
					10735	Manufacture of chewing gum	
					10736	Preserving in sugar of fruit, nuts, fruit peels and other parts of plants	
					10739	Manufacture of other cocoa, chocolate, sugar confectionery products n.e.c.	
						Manufacture of macaroni, noodles, couscous and similar farinaceous products	
					10740	Manufacture of macaroni, noodles, couscous and similar farinaceous products	
						Manufacture of prepared meals and dishes	
					10750	Manufacture of prepared meals and dishes	
						Manufacture of other food products n.e.c.	
					10791	Processing and blending of tea including manufacture of instant tea	
					10792	Coffee curing, roasting, grinding blending etc. and manufacturing of coffee products	
					10793	Processing of edible nuts	
					10794	Manufacture of malted foods including foods for infants and handicapped	
					10795	Grinding and processing of spices	
					10796	Manufacture of papads, appalam and similar food products	
					10797	Manufacture of vitaminised high protein flour, frying of dal and other cereals	
					10798	Processing of salt into food-grade salt, e.g. iodized salt	
					10799	Other semi-processed, processed or instant foods n.e.c. except farinaceous products and malted foods and manufacturing activities like manufacture of egg powder, sambar powder etc.	
						Manufacture of prepared animal feeds	
					10801	Manufacture of cattle feed	
					10802	Manufacture of poultry feed	
					10803	Manufacture of prepared feeds for pets, including dogs, cats, birds, fsh etc.	
					10809	Manufacture of other animal feeds n.e.c.	

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