

A Agriculture, hunting and forestry

Section A covers the exploitation of vegetal and animal natural resources. The section comprises the activities of growing crops, raising animals, harvesting timber, and harvesting other plants and animals from a farm or their natural habitats.

01 Agriculture, hunting and related service activities

Division 01 distinguishes two basic activities:

- Production of crop products (011: Growing of crops)
- Production of animal products (012: Farming of animals).

Within 011 a distinction is made between:

- Production of field crops whose growth generally follows a yearly cycle (0111, 0112) such as cereals, vegetables and flowers
- Production of crops with a long cycle such as those grown in plantations (e.g. coffee, cocoa etc.), vineyards and orchards (0113).

Within group 012 (Farming of animals), the activities are grouped according to the type of animal and not according to the type of product produced (e.g. meat, milk, hide etc.) and without distinguishing between total confinement (non-grazing) and open range pasture farming.

Group 013 (Mixed farming) breaks with the usual principles for identifying main activity. It accepts that many agricultural holdings have reasonably balanced crop and animal production, and that it would be arbitrary to classify them in one category or the other.

Certain operations, such as soil preparation, planting, harvesting, and management, that are normally part of farm operation, may be carried out by agricultural support units on a fee or contract basis as agricultural or animal husbandry (0140) service activities.

Agricultural activity excludes any subsequent processing of the agricultural products (classified under division 15 (Manufacture of food products and beverages) and division 16 (Manufacture of tobacco products)), beyond that needed to prepare them for the primary markets. However, as an exception to the general rule for classification of integrated activities, a unit growing grapes and producing wine at the same location is classified to 01, even though the output normally is the product of division 15.

The division excludes field construction (e.g. agricultural land terracing, drainage, preparing rice paddies etc.) classified in division 45 (Construction) and buyers and cooperative associations engaged in the marketing of farm products classified in section G.

011 Growing of crops; market gardening; horticulture

This group includes the growing of crops, vegetables and fruits in the open and under cover.

0111 Growing of cereals and other crops n.e.c.

This class includes:

- growing of temporary and permanent crops
- cereal grains: rice, hard and soft wheat, rye, barley, oats, maize, corn (except sweetcorn) etc.
- growing of potatoes, yams, sweet potatoes or cassava
- growing of sugar beet, sugar cane or grain sorghum
- growing of tobacco, including its preliminary processing: harvesting and drying of tobacco leaves
- growing of oilseeds or oleaginous fruit and nuts: peanuts, soya, colza etc.
- production of sugar beet seeds and forage plant seeds (including grasses)
- growing of hop cones, roots and tubers with a high starch or inulin content
- growing of cotton or other vegetal textile materials
- retting of plants bearing vegetable fibres (jute, flax, coir)
- growing of rubber trees, harvesting of latex
- growing of leguminous vegetables such as field peas and beans
- growing of plants used chiefly in pharmacy or for insecticidal, fungicidal or similar purposes
- growing of crops n.e.c.

This class excludes:

- growing of melons, see 0112
- growing of sweet corn, see 0112
- growing of other vegetables, see 0112
- growing of flowers, see 0112

- *production of flower and vegetable seeds, see 0112*
- *growing of horticultural specialties, see 0112*
- *growing of olives, see 0113*
- *growing of beverage crops, see 0113*
- *growing of spice crops, see 0113*
- *growing of edible nuts, see 0113*
- *gathering of forest products and other wild growing material (cork, resins, balsam etc.), see 0200*

0112 Growing of vegetables, horticultural specialties and nursery products

This class includes:

- growing of vegetables: tomatoes, melons, pumpkins, onions, cabbages, lettuce, cucumbers, carrots, beans, sweetcorn, courgettes, aubergines (eggplants), leeks
- growing of seasoning herbs and vegetables: capers, “peppers”, fennel, parsley, chervil, tarragon, cress, sweet marjoram
- growing of mushrooms, gathering of forest mushrooms or truffles
- growing of flowers or flower buds
- production of seeds for flowers, fruit or vegetables
- growing of plants for planting or ornamental purposes, including turf for transplanting
- gathering of sap and production of maple syrup and sugar

This class excludes:

- *growing of potatoes, see 0111*
- *growing of sugar beets, see 0111*
- *growing of oilseeds and oleaginous fruit, see 0111*
- *growing of roots and tubers with a high starch or inulin content, see 0111*
- *growing of cotton or other vegetable textile materials, see 0111*
- *growing of spice crops, see 0113*
- *growing of coffee, cocoa beans, tea or maté, see 0113*
- *growing of olives, see 0113*
- *operation of forest tree nurseries, see 0200*
- *growing of Christmas trees, see 0200*

0113 Growing of fruit, nuts, beverage and spice crops

This class includes:

- growing of fruit: apples, pears, citrus fruit, apricots, strawberries, berries, cherries, peaches, bananas, avocados, guava, dates etc.
- growing of wine grapes and table grapes
- production of wine from self-produced grapes (included by exception)
- growing of edible nuts, including coconuts
- growing of beverage crops such as coffee, cocoa, tea, maté
- growing of spice crops such as:
 - seeds: anise, coriander, cumin
 - leaves: bay, basil, thyme
 - flowers: cinnamon
 - fruit: cloves
 - other spices: ginger, nutmeg
- growing of olives

This class also includes:

- gathering of berries or nuts

This class excludes:

- *growing of peanuts, see 0111*
- *growing of hop cones, see 0111*
- *growing of fruit bearing vegetables, e.g. tomatoes, melons, cucumbers etc., see 0112*
- *growing of fresh “peppers”, parsley and tarragon, see 0112*
- *production of olive oil, see 1514*
- *manufacture of cocoa, see 1543*
- *processing of tea leaves and coffee, see 1549*
- *production of wines other than from self-produced grapes, see 1552*

012 Farming of animals

0121 Farming of cattle, sheep, goats, horses, asses, mules and hinnies; dairy farming

This class includes:

- farming of cattle
- farming and breeding of horses, asses, mules or hinnies
- farming of sheep and goats
- production of raw cow milk
- production of raw sheep or goat milk
- production of raw wool
- production of bovine semen

This class excludes:

- *sheep shearing on a fee or contract basis, see 0140*
- *farm animal boarding, breeding and care, see 0140*
- *production of pulled wool, see 1511*
- *processing of milk outside the farm, see 1520*
- *operation of racing stables and riding academies, see 9241*

0122 Other animal farming; production of animal products n.e.c.

This class includes:

- farming of swine
- farming of poultry:
 - turkeys, ducks, chickens, geese and guinea fowl or guinea hens
- production of eggs
- operation of poultry hatcheries
- raising of semi-domesticated or wild live animals:
 - birds, insects, rabbits and other fur animals
- production of fur skins, reptile or bird skins from ranching operation
- operation of dog and cat farms, worm farms, land mollusc farms, frog farms etc.
- raising of silk worms, production of silk worm cocoons
- bee-keeping and production of honey and beeswax
- raising of diverse animals

This class excludes:

- *farm animal boarding and care, see 0140*
- *production of hides and skins originating from hunting and trapping, see 0150*
- *operation of fish farms, see 0502*
- *production of hides and skins from slaughterhouses, see 1511*
- *production of feathers or down, see 1511*
- *training of dogs for security reasons, see 7492*
- *training of pet animals, see 9309*

013 Growing of crops combined with farming of animals (mixed farming)

0130 Growing of crops combined with farming of animals (mixed farming)

This class includes:

- crop growing in combination with farming of livestock at mixed activity units with a specialization ratio in neither one of 66 per cent or more of standard gross margins

This class excludes:

- *mixed cropping or mixed livestock units, see their main activity*

014 Agricultural and animal husbandry service activities, except veterinary activities

0140 Agricultural and animal husbandry service activities, except veterinary activities

This class includes:

- agricultural activities on a fee or contract basis (except veterinary activities):

- farm operation
- preparation of fields
- establishing a crop
- treatment of crops
- crop spraying, including by air
- trimming of fruit trees and vines
- transplanting of rice, thinning of beets
- harvesting and preparation of crops for primary markets, i.e. cleaning, trimming, grading, disinfecting, wax covering, polishing, wrapping, decorticating, retting, cooling or bulk packaging including packing in oxygen-free gases
- cotton ginning
- activities to promote propagation, growth and output of animals
- herd testing services, droving services, agistment services, poultry caponizing, coop cleaning etc.
- activities related to artificial insemination
- sheep shearing
- farm animal boarding and care
- pest control (including rabbits) in connection with agriculture
- operation of irrigation systems
- landscape gardening for constructing, maintaining and redesigning landscapes such as:
 - parks and gardens for
 - private and public housing
 - public and semi-public buildings (schools, hospitals, administrative buildings, church buildings etc.)
 - municipal grounds (parks, green areas, cemeteries etc.)
 - highway greenery (roads, train lines and tramlines, waterways, ports)
 - industrial and commercial buildings
 - greenery for buildings (roof gardens, facade greenery, indoor gardens)
 - sports grounds, play grounds and other recreational parks (sports grounds, play grounds, lawns for sunbathing, golf courses)
 - stationary and flowing water (basins, alternating wet areas, ponds, swimming pools, ditches, watercourses, plant sewage systems)
 - plantings and landscaping for protection against noise, wind, erosion, visibility and dazzling
 - landscaping measures for protecting the environment and nature as well as landscape maintenance (renaturalization, recultivation, melioration, retention areas, anti-flooding basins etc.)
 - arboriculture and tree surgery, including tree pruning and hedge trimming, replanting of big trees

This class also includes:

- provision of agricultural machinery with operators and crew

This class excludes:

- provision of feed lot services, see 0121, 0122
- service activities to promote commercial hunting and trapping, see 0150
- preparation of vegetable fibres for textile use, see 1711
- marketing activities of commission merchants and cooperative associations, see division 51
- activities of agronomists and agricultural economists, see 7414
- landscape architecture, see 7421
- organization of agricultural shows and fairs, see 7499
- veterinary activities, see 8520
- pet boarding, see 9309

015 Hunting, trapping and game propagation including related service activities

0150 Hunting, trapping and game propagation including related service activities

This class includes:

- hunting and trapping on a commercial basis
- taking of animals (dead or alive) for food, fur, skin, or for use in research, in zoos or as pets
- production of fur skins, reptile or bird skins from hunting or trapping activities
- game propagation
- service activities to promote commercial hunting and trapping

This class also includes:

- catching of sea mammals such as walrus and seal (except whales)

This class excludes:

- production of fur skins, reptile or bird skins from ranching operations, see 0122
- raising of game animals on ranching operations, see 0122
- catching of whales, see 0501
- production of hides and skins originating from slaughterhouses, see 1511
- hunting for sport or recreation and related service activities, see 9241

02 Forestry, logging and related service activities

Forestry covers the production of standing timber as well as the extraction and gathering of wild growing forest materials except for mushrooms, truffles, berries and nuts. Besides the production of timber, forestry results in products that undergo little processing, such as wood for fuel or industrial use (e.g. pit-props, pulpwood etc.). Further processing of wood beginning with sawmilling and planing of wood, which is generally done away from the logging area, is classified to division 20 (Manufacture of wood and wood products).

020 Forestry, logging and related service activities

0200 Forestry, logging and related service activities

This class includes:

- growing of standing timber: planting, replanting, transplanting, thinning and conserving of forests and timber tracts
- growing of coppice and pulpwood
- operation of forest tree nurseries
- growing of Christmas trees
- logging: felling of timber and production of wood in the rough such as pit-props, split poles, pickets or fuel wood
- forestry service activities: forestry inventories, timber evaluation, fire fighting and protection, forest management including afforestation and reforestation
- logging service activities: transport of logs within the forest
- production of charcoal, when done in the forest

This class also includes:

- gathering of wild growing forest materials, except mushrooms, truffles, berries or nuts: balata and other rubber-like gums, cork, lac, resins, balsams, vegetable hair, eelgrass, acorns, horse chestnuts, mosses, lichens

This class excludes:

- growing and gathering of mushrooms or truffles, see 0112
- gathering of berries or nuts, see 0113
- production of wood chips, see 2010
- production of charcoal through distillation of wood, see 2411

B Fishing

See description of division 05.

05 Fishing, aquaculture and service activities incidental to fishing

Fishing is defined as the use of fishery resources from marine or freshwater environments, with the goal of capturing or gathering fish, crustaceans, molluscs and other marine products (e.g. pearls, sponges etc).

Division 05 also includes fish farming and aquaculture activities that produce similar products. It includes activities that are normally integrated in the process of production for own account (e.g. seeding oysters for pearl production).

Division 05 does not include building and repairing of ships and boats (3511, 3512) and sport or recreational fishing activities (9249). Processing of fish, crustaceans or molluscs is excluded, whether at land-based plants or on factory ships (fish industry: 1512). However, processing taking place on board of ships that also fish is classified in division 05.

050 Fishing, aquaculture and service activities incidental to fishing

0501 Fishing

This class includes:

- fishing on a commercial basis in ocean, coastal or inland waters
- taking of marine and freshwater crustaceans and molluscs
- whale catching
- hunting of aquatic animals: turtles, sea squirts, tunicates, sea urchins etc.

This class also includes:

- activities of vessels engaged both in fishing, and in processing and preserving of fish
- gathering of marine materials: natural pearls, sponges, coral and algae
- service activities incidental to fishing

This class excludes:

- *capturing of sea mammals, except whales, e.g. walrus, seals, see 0150*
- *processing of fish, crustaceans and molluscs not connected to fishing, i.e. on vessels engaged only in processing and preserving of fish, or in factories ashore, see 1512*
- *fishing inspection, protection and patrol services, see 7523*
- *fishing practised for sport or recreation and related services, see 9241*
- *operation of sport fishing preserves, see 9241*

0502 Aquaculture

This class includes:

- production of oyster spat, mussel, lobsterlings, shrimp post-larvae, fish fry and fingerlings
- growing of laver and other edible seaweeds
- fish farming in sea water and freshwater including farming of ornamental fish
- cultivation of oysters
- operation of fish hatcheries

This class also includes:

- service activities incidental to the operation of fish hatcheries and fish farms

This class excludes:

- *frog farming, see 0122*
- *operation of sport fishing preserves, see 9241*

C Mining and quarrying

Mining and quarrying include the extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by underground or surface mining or well operation.

This section includes supplementary activities aimed at preparing the crude materials for marketing, for example, crushing, grinding, cleaning, drying, sorting, concentrating ores, liquefaction of natural gas and agglomeration of solid fuels. These operations are often accomplished by the units that extracted the resource and/or others located nearby.

Mining activities are classified into divisions, groups and classes on the basis of the principal mineral produced. Divisions 10, 11 and 12 are concerned with mining and quarrying of energy producing materials (coal, lignite and peat, hydrocarbons, uranium ore); divisions 13 and 14 concern non-energy producing materials (metal ores, various minerals and quarry products). Some of the technical operations of this section, particularly concerning the extraction of hydrocarbons, may also be carried out for third parties by specialized units as an industrial service.

This section also includes:

- agglomeration of coals and ores

This section excludes:

- *processing of the extracted materials, see section D*
- *usage of the extracted materials without a further transformation for construction purposes, see section F*
- *bottling of natural spring and mineral waters at springs and wells, see 1554*
- *crushing, grinding or otherwise treating certain earths, rocks and minerals not carried on in conjunction with mining and quarrying, see 2699*
- *collection, purification and distribution of water, see 4100*
- *site preparation for mining, see 4510*
- *mineral prospecting, see 7421*

10 Mining of coal and lignite; extraction of peat

The extraction of solid mineral fuels covers underground or open-cast mining and includes operations (e.g. grading, cleaning etc.) leading to a marketable product including briquetting (e.g. briquettes and ovoids). It does not include coking (see 2310).

101 Mining and agglomeration of hard coal

1010 Mining and agglomeration of hard coal

This class includes:

- mining of hard coal: underground or surface mining
- cleaning, sizing, grading, pulverizing etc. of coal to classify, improve quality or facilitate transport
- agglomeration of hard coal, including manufacture of briquettes or other solid fuels consisting chiefly of hard coal

This class also includes:

- recovery of hard coal from culm banks

This class excludes:

- lignite mining and production of briquettes or agglomerations of lignite, see 1020
- peat digging and agglomeration of peat, see 1030
- coke ovens producing solid fuels, see 2310
- work performed to develop or prepare properties for coal mining, see 4510

102 Mining and agglomeration of lignite

1020 Mining and agglomeration of lignite

This class includes:

- mining of lignite (brown coal): underground or surface mining
- washing, dehydrating, pulverizing of lignite to improve quality, facilitate transport or storage
- agglomeration of lignite, including manufacture of briquettes or other solid fuels consisting chiefly of lignite

This class excludes:

- hard coal mining and production of briquettes or agglomerations of hard coal, see 1010
- peat digging and agglomeration of peat, see 1030
- work performed to develop or prepare properties for coal mining, see 4510

103 Extraction and agglomeration of peat

1030 Extraction and agglomeration of peat

This class includes:

- peat digging
- peat agglomeration

This class excludes:

- manufacture of articles of peat, see 2699

11 Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction, excluding surveying

This division includes the production of crude petroleum, the mining and extraction of oil from oil shale and oil sands, and the production of natural gas and recovery of hydrocarbon liquids. This division includes the activities of operating and/or developing oil and gas field properties. Such activities may include drilling, completing, and equipping wells; operating separators, emulsion breakers, desilting equipment, and field gathering lines for crude petroleum; and all other activities in the preparation of oil and gas up to the point of shipment from the producing property. Support services, on a fee or contract basis, required for the drilling or operation of oil and gas wells, are also included.

This division excludes:

- refining of petroleum products, see 2320
- test drilling and boring, see 4510

- *geophysical surveying and mapping, see 7421*
- *oil and gas well exploration, see 7421*

111 Extraction of crude petroleum and natural gas

1110 Extraction of crude petroleum and natural gas

This class includes:

- extraction of crude petroleum oils
- production of crude gaseous hydrocarbon (natural gas)
- extraction of condensates
- draining and separation of liquid hydrocarbon fractions
- liquefaction and regasification of natural gas for transportation, at the mine site
- gas desulphurization
- mining operations: drilling, completing and equipping wells (except on a fee or contract basis)

This class also includes:

- extraction of bituminous or oil shale and tar sand
- production of crude petroleum from bituminous shale and sand
- processes to obtain crude oils: decantation, desalting, dehydration, stabilization etc.

This class excludes:

- *service activities incidental to oil and gas extraction, see 1120*
- *manufacture of refined petroleum products, see 2320*
- *recovery of liquefied petroleum gases in the refining of petroleum, see 2320*
- *manufacture of industrial gases, see 2411*
- *operation of pipelines, see 6030*
- *oil and gas exploration, see 7421*

112 Service activities incidental to oil and gas extraction excluding surveying

1120 Service activities incidental to oil and gas extraction excluding surveying

This class includes:

- oil and gas extraction service activities provided on a fee or contract basis:
- directional drilling and re-drilling; "spudding in"; derrick erection in situ, repairing and dismantling; cementing oil and gas well casings; pumping of wells; plugging and abandoning wells etc.

This class also includes:

- test drilling in connection with petroleum or gas extraction

This class excludes:

- *service activities performed by operators of oil or gas fields, see 1110*
- *geophysical, geologic and seismographic surveys, see 7421*

12 Mining of uranium and thorium ores

120 Mining of uranium and thorium ores

1200 Mining of uranium and thorium ores

This class includes:

- mining of ores chiefly valued for uranium and thorium content: pitchblende etc.
- concentration of such ores
- manufacture of yellowcake

This class excludes:

- *enrichment of uranium and thorium ores, see 2330*
- *production of fissile or fertile material, see 2330*
- *production of uranium metal from pitchblende or other ores, see 2330*

13 Mining of metal ores

This division includes:

- underground and open-cast extraction of metal ores and native metals

- preparation of ores:
- crushing and grinding of ores, washing of ores
- concentrating of ores by magnetic or gravimetric separation
- flotation, screening, grading, drying, calcination and roasting of ores

This division excludes:

- *mining of uranium and thorium ores, see 1200*
- *roasting of iron pyrites, see 2411*
- *production of aluminium oxide, see 2720*

131 Mining of iron ores

1310 Mining of iron ores

This class includes:

- mining of ores valued chiefly for iron content
- beneficiation and agglomeration of iron ores

This class excludes:

- *mining and preparation of iron pyrite and pyrrhotite, see 1421*

132 Mining of non-ferrous metal ores, except uranium and thorium ores

1320 Mining of non-ferrous metal ores, except uranium and thorium ores

This class includes:

- mining and preparation of ores valued chiefly for non-ferrous metal content:
- aluminium (bauxite), copper, lead, zinc, tin, manganese, chrome, nickel, cobalt, molybdenum, tantalum, vanadium etc.
- precious metals: gold, silver, platinum

This class excludes:

- *mining and preparation of uranium and thorium ores, see 1200*
- *production of aluminium oxide and mattes of nickel or of copper, see 2720*

14 Other mining and quarrying

This division covers extraction from a quarry, but also dredging of alluvial deposits, rock crushing and the use of salt marshes. The products are used most notably in construction (e.g. sands, stones etc.), manufacture of materials (e.g. clay, gypsum, calcium etc.), manufacture of chemicals etc.

This division does not include processing (except crushing, grinding, cutting, cleaning, drying, sorting and mixing) of the minerals extracted. Vertically integrated units that are processing self-extracted mineral materials are classified under manufacturing (e.g. cement plants or brick making plants). Salt production includes refining salt, to render it suitable for human consumption.

141 Quarrying of stone, sand and clay

1410 Quarrying of stone, sand and clay

This class includes:

- quarrying, rough trimming and sawing of monumental and building stone such as marble, granite, sandstone etc.
- quarrying, crushing and breaking of limestone
- mining of gypsum and anhydrite
- mining of chalk and uncalcined dolomite
- extraction and dredging of industrial sand, sand for construction and gravel
- breaking and crushing of stone, gravel and sand
- mining of clays, refractory clays and kaolin

This class excludes:

- *mining of bituminous sand, see 1110*
- *mining of chemical and fertilizer minerals, see 1421*
- *production of calcined dolomite, see 2694*

- cutting, shaping and finishing of stone outside quarries, see 2696

142 Mining and quarrying n.e.c.

1421 Mining of chemical and fertilizer minerals

This class includes:

- mining of natural phosphates and natural potassium salts
- mining of native sulphur
- extraction and preparation of pyrites and pyrrhotite, except roasting
- mining of natural barium sulphate and carbonate (barytes and witherite), natural borates, natural magnesium sulphates (kieserite)
- mining of earth colours, fluorspar and other minerals valued chiefly as a source of chemicals

This class also includes:

- guano mining

This class excludes:

- production of salt, see 1422
- roasting of iron pyrites, see 2411
- manufacture of synthetic fertilizers and nitrogen compounds, see 2412

1422 Extraction of salt

This class includes:

- extraction of salt from underground including by dissolving and pumping
- salt production by evaporation of sea water or other saline waters
- crushing, purification and refining of salt

This class excludes:

- processing of purchased salt, see 2429
- potable water production by evaporation of saline water, see 4100

1429 Other mining and quarrying n.e.c.

This class includes:

- mining and quarrying of various minerals and materials:
 - abrasive materials, asbestos, siliceous fossil meals, natural graphite, steatite (talc), feldspar etc.
 - gemstones, quartz, mica etc.
 - natural asphalt and bitumen

D Manufacturing

Manufacturing comprises units engaged in the physical or chemical transformation of materials, substances, or components into new products. The materials, substances, or components transformed are raw materials that are products of agriculture, forestry, fishing, mining or quarrying as well as products of other manufacturing activities.

The units in the manufacturing section are often described as plants, factories or mills and characteristically use power-driven machines and materials-handling equipment. However, units that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public products made on the same premises from which they are sold, such as bakeries and custom tailors, are also included in this section. Manufacturing units may process materials or may contract with other units to process their materials for them. Both types of units are included in manufacturing.

The new product of a manufacturing unit may be finished in the sense that it is ready for utilization or consumption, or it may be semi-finished in the sense that it is to become an input for further manufacturing. For example, the product of the alumina refinery is the input used in the primary production of aluminium; primary aluminium is the input to an aluminium wire drawing plant; and aluminium wire is the input for a fabricated wire product manufacturing unit.

Assembly of the component parts of manufactured products is considered manufacturing. This includes the assembly of manufactured products from either self-produced or purchased components. Assembly of self-produced prefabricated components of constructions at the construction site is classified as manufacturing when the manufacturing and assembly are integrated activities. When the assembly is performed by separate units, the activity is appropriately classified in division 45 (Construction). Therefore, assembly on the site of not self-produced prefabricated, integral parts into bridges, water tanks, storage and

warehouse facilities, railroad and elevated rights of way, lift and escalator, plumbing, sprinkler, central heating, ventilating and air conditioning, lighting, electrical and telecommunications wiring systems of buildings, and all kinds of structures, is classified in Construction.

Assembly and installation of machinery and equipment in mining, manufacturing, commercial or other units, when carried out as a specialized activity, are classified in the same class of manufacturing as manufacture of the item installed.

Assembly and installation of machinery and equipment that are performed as a service incidental to the sale of the goods by a unit primarily engaged in manufacturing, wholesale trade or retail trade, are classified with its main activity.

Activities of units primarily engaged in maintenance and repair of industrial, commercial and similar machinery and equipment are, in general, classified in the same class of manufacturing as those specializing in manufacturing the goods. However, units engaged in repair of office and computing machinery are classified in class 7250. Units the main activity of which is repair of household appliances, equipment and furnishings, motor vehicles and other consumer goods are, as a general rule, classified in the appropriate class of division 50 (Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel) or 52 (Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods) in accordance with the kind of goods that are repaired.

Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.

Manufacture of specialized components and parts of, and accessories and attachments to, machinery and equipment is, as a general rule, classified in the same class as the manufacture

of the machinery and equipment for which the parts and accessories are intended. Manufacture of unspecialized components and parts of machinery and equipment, e.g. engines, pistons, electric motors, electrical assemblies, valves, gears, roller bearings, is classified in the appropriate class of manufacturing, without regard to the machinery and equipment in which these items may be included. However, making specialized components and accessories by moulding or extruding plastics materials is included in class 2520.

The recycling of waste is also included in Manufacturing.

Remark: The boundaries of manufacturing and the other sectors of the classification system can be somewhat blurry. As a general rule, the units in the manufacturing sector are engaged in the transformation of materials into new products. Their output is a new product. However, the definition of what constitutes a new product can be somewhat subjective. As clarification, the following activities are considered manufacturing in ISIC:

- Milk pasteurizing and bottling (see 1520);
- Fresh fish processing (oyster shucking, fish filleting), not done on a fishing boat (see 1512);
- Printing and related activities (see 2221, 2222);
- Ready-mixed concrete production (see 2695);
- Leather converting (see 1911);
- Wood preserving (see 2010);
- Electroplating, plating, metal heat treating, and polishing (see 2892);
- Rebuilding or remanufacturing machinery (e.g., automobile engines, see 3410);
- Ship repair and renovation (see 3511);
- Tyre retreading (see 2511).

Conversely, there are activities that though sometimes considered manufacturing, are classified in another section of ISIC (in other words, they are not classified as manufacturing). They include:

- Logging, classified in section A (Agriculture, hunting and forestry);
- Beneficiating of ores and other minerals, classified in section C (Mining);
- Construction of structures and fabricating operations performed at the site of construction, classified in section F (Construction);
- Activities of breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals; the customized assembly of computers; sorting of scrap; mixing paints to customer order; and cutting metals to customer order, produce a modified version of the same product, not a new product, and are classified to section G (Wholesale and retail trade).

15 Manufacture of food products and beverages

The food industry processes the products of agriculture, animal husbandry and fishing into food and drink for humans or animals, and includes the production of various intermediate products that are not directly food products. The activity often generates associated products of greater or lesser value (for example, hides from slaughtering, or oilcake from oil production).

This division is organized by activities dealing with different kinds of products: meat, fish, fruit and vegetables, fats and oils, milk products, grain mill products, animal feeds, other food

products and beverages. Production can be carried out for own account, as well as for third parties, as in custom slaughtering.

Some activities are considered manufacturing (for example, those performed in bakeries, pastry shops, and prepared meat shops etc. which sell their own production) even though there is retail sale of the products in the producers' own shop. However, where the processing is minimal and does not lead to a real transformation (as is the case, for example, for butchers, fishmongers etc.), the unit is classified to Wholesale and retail trade (section G).

Production of animal feeds from slaughter waste or by-products is classified in 1533, while processing food and beverage waste into secondary raw material is classified to 3720, and disposal of food and beverage waste in 9000.

151 Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats

1511 Production, processing and preserving of meat and meat products

This class includes:

- operation of slaughterhouses engaged in killing, dressing or packing meat
- production of fresh, chilled or frozen meat, in carcasses
- production of fresh, chilled or frozen meat, in cuts
- slaughtering of poultry
- preparation of poultry meat
- production of fresh or frozen poultry meat in individual portions
- production of dried, salted or smoked meat
- production of meat products:
 - sausages, salami, puddings, "andouillettes", saveloys, bolognas, pâtés, rillettes, boiled ham, meat extracts and juices
- production of prepared fresh meat dishes

This class also includes:

- slaughtering and processing of whales on land or on specialized vessels
- production of hides and skins originating from slaughterhouses, including fellmongery
- rendering of lard and other edible fats of animal origin
- processing of animal offal
- production of pulled wool
- slaughtering of rabbits and the like
- preparation of rabbit meat and the like
- production of feathers and down

This class excludes:

- *manufacture of soup containing meat, see 1549*
- *manufacture of prepared frozen meat and poultry dishes, see 1549*
- *packaging of meat for own account by the wholesale trade, see 5122*
- *packaging of meat on a fee or contract basis, see 7495*

1512 Processing and preserving of fish and fish products

This class includes:

- preparation and preservation of fish, crustaceans and molluscs: freezing, deep-freezing, drying, smoking, salting, immersing in brine, canning etc.
- manufacture of fish, crustacean and mollusc products: cooked fish, fish fillets, roes, caviar, caviar substitutes etc.
- manufacture of prepared fish dishes
- manufacture of fishmeal for human consumption or animal feed
- manufacture of meals and solubles from fish and other aquatic animals unfit for human consumption

This class also includes:

- activities of vessels engaged only in the processing and preserving of fish

This class excludes:

- *activities of vessels engaged both in fishing, and in processing and preserving of fish, see 0501*
- *processing of whales on land or specialized vessels, see 1511*
- *production of oils and fats from marine material, see 1514*
- *manufacture of fish soups, see 1549*

1513 Processing and preserving of fruit and vegetables

This class includes:

- manufacture of food consisting chiefly of fruit or vegetables
- preserving of fruit, nuts or vegetables: freezing, drying, immersing in oil or in vinegar, canning etc.
- manufacture of fruit or vegetable food products
- manufacture of fruit or vegetable juices
- manufacture of jams, marmalades and table jellies
- processing and preserving of potatoes:
 - manufacture of prepared frozen potatoes
 - manufacture of dehydrated mashed potatoes
 - manufacture of potato snacks
 - manufacture of potato crisps
 - manufacture of potato flour and meal
- manufacture of prepared dishes of vegetables
- roasting of nuts
- manufacture of nut foods and pastes

This class also includes:

- industrial peeling of potatoes
- production of concentrates

This class excludes:

- *manufacture of flour or meal of dried leguminous vegetables, see 1531*
- *preservation of fruit and nuts in sugar, see 1543*

1514 Manufacture of vegetable and animal oils and fats

This class includes the manufacture of crude and refined oils and fats from vegetable or animal materials, except rendering or refining of lard and other edible animal fats.

This class includes:

- manufacture of crude vegetable oils: olive oil, soya-bean oil, palm oil, sunflower-seed oil, cotton-seed oil, rape, colza or mustard oil, linseed oil etc.
- manufacture of non-defatted flour or meal of oilseeds, oil nuts or oil kernels
- manufacture of refined vegetable oils: olive oil, soya-bean oil etc.
- processing of vegetable oils: blowing, boiling, dehydration, hydrogenation etc.
- manufacture of margarine
- manufacture of melanges and similar spreads
- manufacture of compound cooking fats

This class also includes:

- manufacture of non-edible animal oils and fats
- extraction of fish and marine mammal oils

Note: Cotton linters, oilcakes and other residual products of oil production are by-products of this class.

This class excludes:

- *rendering and refining of lard and other edible animal fats, see 1511*
- *wet corn milling, see 1532*
- *production of essential oils, see 2429*
- *treatment of oil and fats by chemical processes, see 2429*

152 Manufacture of dairy products

1520 Manufacture of dairy products

This class includes:

- manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra heat treated
- manufacture of milk-based soft drinks
- manufacture of cream from fresh liquid milk, pasteurized, sterilized, homogenized
- manufacture of dried or concentrated milk whether or not sweetened
- manufacture of milk or cream in solid form

- manufacture of butter

- manufacture of yoghurt
- manufacture of cheese and curd
- manufacture of whey
- manufacture of casein or lactose
- manufacture of ice cream and other edible ice such as sorbet

This class excludes:

- production of raw milk, see 0121
- manufacture of non-dairy milk and cheese substitutes, see 1549
- activities of ice cream parlours, see 5520

153 Manufacture of grain mill products, starches and starch products, and prepared animal feeds

1531 Manufacture of grain mill products

This class includes:

- grain milling: production of flour, groats, meal or pellets of wheat, rye, oats, maize (corn) or other cereal grains
- rice milling: production of husked, milled, polished, glazed, parboiled or converted rice; production of rice flour
- vegetable milling: production of flour or meal of dried leguminous vegetables, of roots or tubers, or of edible nuts
- manufacture of cereal breakfast foods
- manufacture of flour mixes and prepared blended flour and dough for bread, cakes, biscuits or pancakes

This class excludes:

- manufacture of potato flour and meal, see 1513
- wet corn milling, see 1532

1532 Manufacture of starches and starch products

This class includes:

- manufacture of starches from rice, potatoes, maize etc.
- wet corn milling
- manufacture of glucose, glucose syrup, maltose, inulin etc.
- manufacture of gluten
- manufacture of tapioca and tapioca substitutes prepared from starch
- manufacture of corn oil

This class excludes:

- manufacture of lactose (milk sugar), see 1520
- production of cane or beet sugar, see 1542

1533 Manufacture of prepared animal feeds

This class includes:

- manufacture of prepared feeds for pets, including dogs, cats, birds, fish etc.
- manufacture of prepared feeds for farm animals, including animal feed concentrated and feed supplements
- preparation of unmixed (single) feeds for farm animals

This class also includes:

- treatment of slaughter waste to produce animal feeds

This class excludes:

- production of fishmeal for animal feed, see 1512
- production of oilseed cake, see 1514
- activities resulting in by-products usable as animal feed without special treatment, e.g. oilseeds (see 1514), grain milling residues (see 1531) etc.

154 Manufacture of other food products

1541 Manufacture of bakery products

This class includes:

- manufacture of fresh, frozen or dry bakery products

- manufacture of bread and rolls
- manufacture of fresh pastry, cakes, pies, tarts etc.
- manufacture of rusks, biscuits and other “dry” bakery products
- manufacture of preserved pastry goods and cakes
- manufacture of snack products (cookies, crackers, pretzels etc.), whether sweet or salted
- manufacture of tortillas
- manufacture of frozen bakery products: pancakes, waffles, rolls etc.

This class excludes:

- *manufacture of farinaceous products (pastas), see 1544*
- *manufacture of potato snacks, see 1513*

1542 Manufacture of sugar

This class includes:

- manufacture or refining of sugar (sucrose) and sugar substitutes from the juice of cane, beet, maple and palm
- manufacture of sugar syrups
- manufacture of molasses

This class excludes:

- *integrated gathering of sap and production of maple syrup and sugar, see 0112*
- *manufacture of glucose, glucose syrup, maltose, see 1532*

1543 Manufacture of cocoa, chocolate and sugar confectionery

This class includes:

- manufacture of cocoa, cocoa butter, cocoa fat, cocoa oil
- manufacture of chocolate and chocolate confectionery
- manufacture of sugar confectionery: caramels, cachous, nougats, fondant, white chocolate
- manufacture of chewing gum
- preserving in sugar of fruit, nuts, fruit peels and other parts of plants
- manufacture of confectionery lozenges and pastilles

This class excludes:

- *manufacture of sucrose sugar, see 1542*

1544 Manufacture of macaroni, noodles, couscous and similar farinaceous products

This class includes:

- manufacture of pastas such as macaroni and noodles, whether or not cooked or stuffed
- manufacture of couscous
- manufacture of canned or frozen pasta products

This class excludes:

- *manufacture of soup containing pasta, see 1549*

1549 Manufacture of other food products n.e.c.

This class includes:

- decaffeinating and roasting of coffee
- production of coffee products:
 - ground coffee
 - soluble coffee
 - extracts and concentrates of coffee
- manufacture of coffee substitutes
- blending of tea and maté
- packing of tea including packing in tea bags
- manufacture of soups and broths
- manufacture of spices, sauces and condiments:
 - mayonnaise
 - mustard flour and meal
 - prepared mustard etc.
- manufacture of vinegar

- manufacture of foods for particular nutritional uses:
 - infant formulas
 - follow-up milk and other follow-up foods
 - baby foods
 - other foods containing homogenized ingredients (including meat, fish, fruit etc.)
 - manufacture of artificial honey and caramel
 - manufacture of fresh or frozen pizza
 - manufacture of frozen meat, poultry dishes
 - manufacture of canned stews and vacuum-prepared meals
- This class also includes:
- manufacture of herb infusions (mint, vervain, camomile etc.)
 - manufacture of yeast
 - manufacture of extracts and juices of meat, fish, crustaceans or molluscs
 - manufacture of non-dairy milk and cheese substitutes

This class excludes:

- growing of spice crops, see 0113
- manufacture of table salt, see 1422
- manufacture of frozen fish dishes, including fish and chips, see 1512
- manufacture of inulin, see 1532
- manufacture of herb infusions if they are considered medical products, see 2423

155 Manufacture of beverages

1551 Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials

This class includes:

- manufacture of distilled, potable, alcoholic beverages: whisky, brandy, gin, liqueurs, "mixed drinks" etc.
- blending of distilled spirits
- production of ethyl alcohol from fermented materials
- production of neutral spirits

This class excludes:

- manufacture of non-distilled alcoholic beverages, see 1552, 1553
- manufacture of denatured ethyl alcohol, see 2411
- merely bottling and labelling, see 5122 (if performed as part of wholesale) and 7495 (if performed on a fee or contract basis)

1552 Manufacture of wines

This class includes:

- manufacture of wine from grapes not grown by the same unit
- manufacture of sparkling wine
- manufacture of wine from concentrated grape must
- manufacture of fermented but not distilled alcoholic beverages: sake, cider, perry, mead, other fruit wines and mixed beverages containing alcohol
- manufacture of vermouth and the like

This class also includes:

- blending of wine
- manufacture of low or non-alcoholic wine

This class excludes:

- production of wine from self-produced grapes, see 0113
- merely bottling and labelling, see 5122 (if performed as part of wholesale) and 7495 (if performed on a fee or contract basis)

1553 Manufacture of malt liquors and malt

This class includes:

- manufacture of malt liquors, such as beer, ale, porter and stout
- manufacture of malt

This class also includes:

- manufacture of low alcohol or non-alcoholic beer

1554 Manufacture of soft drinks; production of mineral waters

This class includes:

- manufacture of non-alcoholic beverages, except non-alcoholic beer and wine
- production of natural mineral waters
- manufacture of soft drinks:
 - non-alcoholic flavoured and/or sweetened waters: lemonade, orangeade, cola, fruit drinks, tonic waters etc.

This class excludes:

- *production of fruit and vegetable juice, see 1513*
- *manufacture of non-alcoholic wine, see 1552*
- *manufacture of non-alcoholic beer, see 1553*
- *merely bottling and labelling, see 5122 (if performed as part of wholesale) and 7495 (if performed on a fee or contract basis)*

16 Manufacture of tobacco products

This division includes the processing of an agricultural product, tobacco, into a form suitable for final consumption.

160 Manufacture of tobacco products

1600 Manufacture of tobacco products

This class includes:

- manufacture of tobacco products and products of tobacco substitutes: cigarettes, cigarette tobacco, cigars, pipe tobacco, chewing tobacco, snuff
- manufacture of "homogenized" or "reconstituted" tobacco

This class excludes:

- *growing or preliminary processing of tobacco, see 0111*

17 Manufacture of textiles

This division includes preparation and spinning of textile fibres as well as textile weaving, finishing of textiles and wearing apparel, manufacture of made-up textile articles, except apparel (e.g. household linen, blankets, rugs, cordage etc.) and manufacture of knitted and crocheted fabrics and articles thereof (e.g. socks and pullovers). Growing of natural fibres falls under division 01, while manufacture of synthetic fibres is a chemical process that has to be classified in class 2430. Manufacture of wearing apparel falls under division 18.

171 Spinning, weaving and finishing of textiles

1711 Preparation and spinning of textile fibres; weaving of textiles

This class includes:

- preparatory operations on textile fibres:
 - reeling and washing of silk
 - degreasing and carbonizing of wool and dyeing of wool fleece
 - carding and combing of all kinds of animal, vegetable and man-made fibres
- spinning and manufacture of yarn or thread for weaving or sewing, for the trade or for further processing
 - texturizing, twisting, folding, cabling and dipping of synthetic or artificial filament yarns
- manufacture of broad woven cotton-type, woollen-type, worsted-type or silk-type fabrics, including from mixtures or artificial or synthetic yarns
- manufacture of other broad woven fabrics, using flax, ramie, hemp, jute, bast fibres and special yarns
- manufacture of made-up textile articles, made from self-produced woven fabric

This class also includes:

- manufacture of paper yarn
- manufacture of woven pile or chenille fabrics, terry towelling, gauze etc.
- manufacture of woven fabrics of glass fibres

- manufacture of imitation fur by weaving

This class excludes:

- preparatory operations carried out in combination with agriculture or farming, see 01, 02

- retting of plants bearing vegetable textile fibres (jute, flax, coir etc.), see 0111

- cotton ginning, see 0140

- manufacture of textile floor coverings, see 1722

- manufacture of non-woven fabrics and felts, see 1729

- manufacture of narrow fabrics, see 1729

- manufacture of knitted and crocheted fabrics, see 1730

- manufacture of synthetic or artificial fibres and tows, manufacture of single yarns (including high-tenacity yarn and yarn for carpets) of synthetic or artificial fibres, see 2430

- manufacture of glass fibres, see 2610

- spinning of asbestos yarn, see 2699

1712 Finishing of textiles

This class includes:

- bleaching, dyeing and printing (including thermoprinting) of not self-produced textile fibres, yarns, fabrics and textile articles, including wearing apparel

- dressing, drying, steaming, shrinking, mending, Sanforizing, mercerizing of not self-produced textiles and textile articles, including wearing apparel

This class also includes:

- bleaching of jeans

- pleating and similar work on textiles

This class excludes:

- manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent, see 2519

- "while-you-wait" printing on textile articles, see 5260

172 Manufacture of other textiles

1721 Manufacture of made-up textile articles, except apparel

This class includes:

- manufacture, from fabrics not made in the same unit, of made-up articles of any textile material, including of knitted or crocheted fabrics:

•blankets, including travelling rugs

•bed, table, toilet or kitchen linen

•quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags etc.

- manufacture of made-up furnishing articles:

•curtains, valances, blinds, bedspreads, furniture or machine covers etc.

•tarpaulins, tents, camping goods, sails, sunblinds, loose covers for cars, machines or furniture etc.

•flags, banners, pennants etc.

•dustcloths, dishcloths and similar articles, life jackets, parachutes etc.

This class also includes:

- manufacture of the textile part of electric blankets

- manufacture of hand-woven tapestries

This class excludes:

- manufacture of textile articles from self-produced materials, see 1711, 1729 and 1730

- manufacture of textile articles for technical use, see 1729

1722 Manufacture of carpets and rugs

This class includes:

- manufacture of textile floor coverings:

•carpets, rugs and mats, tiles

This class also includes:

- manufacture of needle-loom felt floor coverings

This class excludes:

- manufacture of mats and matting of plaiting materials, see 2029

- *manufacture of floor coverings of cork, rubber or plastic materials, even when textile-backed, see 2029, 2519, 2520*
- *manufacture of linoleum and hard non-plastic surface floor coverings, see 3699*

1723 Manufacture of cordage, rope, twine and netting

This class includes:

- manufacture of twine, cordage, rope and cables of textile fibres or strip or the like, whether or not impregnated, coated, covered or sheathed with rubber or plastics
- manufacture of knotted netting of twine, cordage or rope
- manufacture of products of rope or netting: fishing nets, ships' fenders, unloading cushions, loading slings, rope or cable fitted with metal rings etc.

This class excludes:

- *manufacture of hairnets, see 1810*

1729 Manufacture of other textiles n.e.c.

This class includes all activities related to textiles or textile products, not specified elsewhere in division 17 or 18 or anywhere else in this classification, involving a large number of processes and a great variety of goods produced.

This class includes:

- manufacture of narrow woven fabrics, including fabrics consisting of warp without weft assembled by means of an adhesive
- manufacture of labels, badges etc.
- manufacture of ornamental trimmings: braids, tassels, pompons etc.
- manufacture of felt
- manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece, in strips or in motifs
- manufacture of fabrics impregnated, coated, covered or laminated with plastics
- manufacture of textile wadding and articles of wadding: sanitary towels, tampons etc.
- manufacture of metallized yarn or gimped yarn, rubber thread and cord covered with textile material, textile yarn or strip covered, impregnated, coated or sheathed with rubber or plastics
- manufacture of made-up textile articles, made from self-produced fabrics in this class
- manufacture of tyre cord fabric of high-tenacity man-made yarn
- manufacture of other treated or coated fabrics: tracing cloth, canvas prepared for use by painters, buckram and similar stiffened textile fabrics, fabrics coated with gum or amylaceous substances
- manufacture of diverse textile articles: textile wicks, incandescent gas mantles and tubular gas
- mantle fabric, hosepiping, transmission or conveyor belts or belting (whether or not reinforced with metal or other material), bolting cloth, straining cloth

This class excludes:

- *manufacture of needle-loom felt floor coverings, see 1722*
- *manufacture of transmission or conveyor belts of textile fabric, yarn or cord impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent, see 2519*
- *manufacture of plates or sheets of cellular rubber or plastic combined with textiles for reinforcing purposes only, see 2519, 2520*
- *manufacture of cloth of woven metal wire, see 2899*

173 Manufacture of knitted and crocheted fabrics and articles

1730 Manufacture of knitted and crocheted fabrics and articles

This class includes:

- manufacture and processing in the same unit of knitted or crocheted fabrics:
 - pile and terry fabrics
 - net and window furnishing type fabrics knitted on raschel or similar machines
 - other knitted or crocheted fabrics
- manufacture of hosiery, including socks, tights and pantyhose
- manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape: pullovers, cardigans, jerseys, waistcoats and similar articles

This class also includes:

- manufacture of imitation fur by knitting

This class excludes:

- *manufacture of net and window furnishing type fabrics of lace knitted on raschel or similar machines, see 1729*

- *manufacture of knitted clothing from fabric not knitted in the same unit, see 1810*

18 Manufacture of wearing apparel; dressing and dyeing of fur

The clothing industry covers all tailoring (ready-to-wear or made-to-measure), in all materials (e.g. leather, fabric, knitted and crocheted fabrics etc.), of all items of clothing (e.g. outerwear, underwear for men, women or children; work, city or casual clothing etc.) and accessories from materials not made in the same unit. There is no distinction made between clothing for adults and clothing for children, or between modern and traditional clothing. Division 18 also includes the fur industry (fur skins and wearing apparel).

181 Manufacture of wearing apparel, except fur apparel

1810 Manufacture of wearing apparel, except fur apparel

This class includes manufacture of wearing apparel made of material not made in the same unit. The material used may be of any kind and may be coated, impregnated or rubberized.

This class includes:

- manufacture of wearing apparel made of leather or composition leather

- manufacture of work wear

- manufacture of other outerwear made of woven, knitted or crocheted fabric, non-wovens etc. for men, women and children:

•coats, suits, ensembles, jackets, trousers, skirts etc.

- manufacture of underwear and nightwear made of woven, knitted or crocheted fabric, lace etc. for men, women and children:

•shirts, T-shirts, underpants, briefs, pyjamas, nightdresses, dressing gowns, blouses, slips, brassieres, corsets etc.

- manufacture of babies' garments, tracksuits, ski suits, swimwear etc.

- manufacture of hats and caps

- manufacture of other clothing accessories: gloves, belts, shawls, ties, cravats, hairnets etc.

This class also includes:

- custom tailoring

- manufacture of headgear of fur skins

- manufacture of footwear of textile material without applied soles

- manufacture of parts of the products listed

This class excludes:

- *manufacture of clothing of fabrics knitted in the same unit, see 1730*

- *manufacture of wearing apparel of fur skins (except headgear), see 1820*

- *manufacture of footwear, see 1920*

- *manufacture of wearing apparel of rubber or plastics not assembled by stitching but merely sealed together, see 2519, 2520*

- *manufacture of safety headgear (except sports headgear), see 2520, 2899*

- *manufacture of asbestos apparel and headgear, see 2699*

- *manufacture of leather sports gloves and sports headgear, see 3693*

- *repair of wearing apparel, see 5260*

182 Dressing and dyeing of fur; manufacture of articles of fur

1820 Dressing and dyeing of fur; manufacture of articles of fur

This class includes:

- dressing and dyeing of fur skins and hides with the hair on: scraping, currying, tanning, bleaching, shearing and plucking and dyeing of fur skins

- manufacture of articles made of fur skins:

•fur wearing apparel and clothing accessories

•assemblies of fur skins such as "dropped" fur skins, plates, mats, strips etc.

•diverse articles of fur skins: rugs, unstuffed pouffes, industrial polishing cloths

This class also includes:

- manufacture of artificial fur and articles thereof

This class excludes:

- production of raw fur skins, see 0122, 0150
- production of raw hides and skins, see 1511
- manufacture of imitation furs (long-hair cloth obtained by weaving or knitting), see 1711, 1712, 1730
- manufacture of fur hats, see 1810
- manufacture of apparel trimmed with fur, see 1810
- manufacture of boots or shoes containing fur parts, see 1920

19 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear

This division includes the transformation of hides into leather by tanning or curing and fabricating the leather into products for final consumption. It also includes the manufacture of similar products from other materials (imitation leathers or leather substitutes), such as rubber footwear, textile luggage etc. The products made from leather substitutes are included here, since they are made in ways similar to those in which leather products are made (e.g. luggage) and are often produced in the same unit.

191 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness

1911 Tanning and dressing of leather

This class includes:

- production of tanned leather
- manufacture of chamois dressed, parchment dressed, patent or metallized leathers
- manufacture of composition leather

This class excludes:

- production of hides and skins as part of ranching, see 0122
- production of hides and skins as part of slaughtering, see 1511
- manufacture of leather apparel, see 1810
- tanning or dressing of fur skins or hides with the hair on, see 1820
- manufacture of imitation leather not based on natural leather, see 1711, 2519, 2520

1912 Manufacture of luggage, handbags and the like, saddlery and harness

This class includes:

- manufacture of luggage, handbags and the like, of leather, composition leather or any other material, such as plastic sheeting, textile materials, vulcanized fibre or paperboard, where the same technology is used as for leather
- manufacture of saddlery and harness
- manufacture of non-metallic watch straps
- manufacture of diverse articles of leather or composition leather: driving belts, packings etc.

This class excludes:

- manufacture of leather wearing apparel, see 1810
- manufacture of leather gloves and hats, see 1810
- manufacture of footwear, see 1920
- manufacture of metallic watch straps, see 3330
- manufacture of saddles for bicycles, see 3592

192 Manufacture of footwear

1920 Manufacture of footwear

This class includes:

- manufacture of footwear for all purposes, of any material, by any process, including moulding
- manufacture of gaiters, leggings and similar articles
- manufacture of parts of footwear: manufacture of uppers and parts of uppers, outer and inner soles, heels etc.

This class excludes:

- *manufacture of footwear of textile material without applied soles, see 1810*
- *manufacture of footwear of asbestos, see 2699*
- *manufacture of orthopaedic shoes, see 3311*

20 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials

This division includes manufacture of wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, and prefabricated wood buildings. The production processes include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that may then be cut further, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. With the exception of sawmills and wood preservation units, the units are grouped into industries mainly based on the specific products manufactured.

This division does not include either the manufacture of furniture (3610), or the installation of not self-manufactured wooden fittings and the like (4540).

201 Sawmilling and planing of wood

2010 Sawmilling and planing of wood

This class includes:

- sawing, planing and machining of wood
- slicing, peeling or chipping logs
- manufacture of wooden railway sleepers
- manufacture of unassembled wooden flooring
- manufacture of wood wool, wood flour, chips, particles

This class also includes:

- drying of wood
- impregnation or chemical treatment of wood with preservatives or other materials

This class excludes:

- *logging and production of wood in the rough, see 0200*
- *manufacture of veneer sheets thin enough for use in plywood, boards and panels, see 2021*
- *manufacture of shingles and shakes, beadings and mouldings, see 2022*

202 Manufacture of products of wood, cork, straw and plaiting materials

2021 Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards

This class includes:

- manufacture of veneer sheets thin enough to be used for veneering, making plywood or other purposes:
 - smoothed, dyed, coated, impregnated, reinforced (with paper or fabric backing)
 - made in the form of motifs
- manufacture of plywood, veneer panels and similar laminated wood boards and sheets
- manufacture of particle board and fibreboard
- manufacture of densified wood

2022 Manufacture of builders' carpentry and joinery

This class includes:

- manufacture of wooden goods intended to be used primarily in the construction industry:
 - beams, rafters, roof struts
 - glue-laminated and prefabricated wooden trusses
 - doors, windows, shutters and their frames, whether or not containing metal fittings, such as hinges, locks etc.
 - stairs, railings
 - wooden beadings and mouldings, shingles and shakes
 - parquet floor blocks, strips etc., assembled into panels

- manufacture of prefabricated buildings, or elements thereof, predominantly of wood

This class excludes:

- *manufacture of unassembled wooden flooring, see 2010*

- *manufacture of kitchen cabinets, bookcases, wardrobes etc., see 3610*

2023 Manufacture of wooden containers

This class includes:

- manufacture of packing cases, boxes, crates, drums and similar packings of wood

- manufacture of pallets, box pallets and other load boards of wood

- manufacture of barrels, vats, tubs and other coopers' products of wood

- manufacture of wooden cable-drums

This class excludes:

- *manufacture of luggage, see 1912*

- *manufacture of cases of plaiting material, see 2029*

2029 Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials

This class includes:

- manufacture of various wood products:

• wooden handles and bodies for tools, brooms, brushes

• wooden boot or shoe lasts and trees, clothes hangers

• household utensils and kitchenware of wood

• wooden statuettes and ornaments, wood marquetry, inlaid wood

• wooden cases for jewellery, cutlery and similar articles

• wooden spools, cops, bobbins, sewing thread reels and similar articles of turned wood

• other articles of wood

- natural cork processing, manufacture of agglomerated cork

- manufacture of articles of natural or agglomerated cork, including floor coverings

- manufacture of plaits and products of plaiting materials: mats, matting, screens, cases etc.

- manufacture of basket-ware and wickerwork

This class excludes:

- *manufacture of mats or matting of textile materials, see 1722*

- *manufacture of luggage, see 1912*

- *manufacture of wooden footwear, see 1920*

- *manufacture of wooden spools and bobbins that are part of textile machinery, see 2926*

- *manufacture of clock cases, see 3330*

- *manufacture of furniture, see 3610*

- *manufacture of wooden toys, see 3694*

- *manufacture of brushes and brooms, see 3699*

- *manufacture of walking sticks and umbrella handles, see 3699*

- *manufacture of matches, see 3699*

- *manufacture of caskets, see 3699*

21 Manufacture of paper and paper products

This division includes the manufacture of pulp, paper, or converted paper products. The manufacturing of these products is grouped together because they constitute a series of vertically connected processes. More than one activity is often carried out in a single unit. There are essentially three activities. The manufacturing of pulp involves separating the cellulose fibers from other impurities in wood or used paper. The manufacturing of paper involves matting these fibers into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques, including coating and laminating activities. The paper articles may be printed (e.g. wallpaper, gift wrap etc.), as long as the printing of information is not the main purpose.

The production of pulp, paper and paperboard in bulk is included in class 2101, while the remaining classes include the production of further-processed paper and paper products.

210 Manufacture of paper and paper products

2101 Manufacture of pulp, paper and paperboard

This class includes:

- manufacture of bleached, semi-bleached or unbleached paper pulp by mechanical, chemical (dissolving or non-dissolving) or semi-chemical processes
- manufacture of cotton-linters pulp
- removal of ink and manufacture of pulp from waste paper
- manufacture of paper and paperboard intended for further industrial processing

This class also includes:

- further processing of paper and paperboard:
 - coating, covering and impregnation of paper and paperboard
 - manufacture of crêped or crinkled paper
- manufacture of handmade paper
- manufacture of newsprint and other printing or writing paper
- manufacture of cellulose wadding and webs of cellulose fibres

This class excludes:

- *manufacture of corrugated paper and paperboard, see 2102*
- *manufacture of further-processed articles of paper, paperboard or pulp, see 2109*
- *manufacture of abrasive paper, see 2699*
- *manufacture of coated or impregnated paper, where the coating or impregnant is the main ingredient, see class in which the manufacture of the coating or impregnant is classified*

2102 Manufacture of corrugated paper and paperboard and of containers of paper and paperboard

This class includes:

- manufacture of corrugated paper and paperboard
- manufacture of containers of corrugated paper or paperboard
- manufacture of folding paperboard containers
- manufacture of containers of solid board
- manufacture of other containers of paper and paperboard
- manufacture of sacks and bags of paper
- manufacture of office box files and similar articles

This class excludes:

- *manufacture of envelopes, see 2109*
- *manufacture of moulded or pressed articles of paper pulp (e.g. boxes for packing eggs, moulded pulp paper plates), see 2109*

2109 Manufacture of other articles of paper and paperboard

This class includes:

- manufacture of household and personal hygiene paper and cellulose wadding products:
 - cleansing tissues
 - handkerchiefs, towels, serviettes
 - toilet paper
 - sanitary towels and tampons, napkins and napkin liners for babies
 - cups, dishes and trays
- manufacture of printing and writing paper ready for use
- manufacture of computer printout paper ready for use
- manufacture of self-copy paper ready for use
- manufacture of duplicator stencils and carbon paper ready for use
- manufacture of gummed or adhesive paper ready for use
- manufacture of envelopes and letter-cards
- manufacture of boxes, pouches, wallets and writing compendiums containing an assortment of paper stationery
- manufacture of wallpaper and similar wall coverings, including vinyl-coated and textile wallpaper
- manufacture of labels, whether printed or not
- manufacture of filter paper and paperboard
- manufacture of paper and paperboard bobbins, spools, cops etc.
- manufacture of egg trays and other moulded pulp packaging products etc.

This class excludes:

- *manufacture of paper or paperboard in bulk, see 2101*
- *manufacture of playing cards, see 3694*
- *manufacture of games and toys of paper or paperboard, see 3694*

22 Publishing, printing and reproduction of recorded media

This division includes printing and publishing whether or not connected with printing. Publishing involves financial, technical, artistic, legal and marketing activities, among others, but not predominantly. The primary breakdown of this division is by units engaged in publishing, whether or not connected with printing (group 221) versus units engaged in printing only (group 222). The breakdown of publishing activities into classes is based on the type of printed matter or recorded media published.

This division includes units engaged in the publishing of newspapers, magazines, other periodicals, and books. In general, these units, which are known as publishers, issue copies of works for which they usually possess copyright. Works may be in one or more formats including traditional print form and electronic form. Publishers may publish works originally created by others for which they have obtained the rights and/or works that they have created in-house.

The printing activities print products, such as newspapers, books, periodicals, business forms, greeting cards, and other materials, and perform support activities, such as bookbinding, plate-making services, and data imaging. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations.

Processes used in printing include a variety of methods for transferring an image from a plate, screen, or computer file to some medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods entails the transfer of the image from a plate or screen to the medium (lithographic, gravure, screen, and flexographic printing). A rapidly growing new technology uses a computer file to directly “drive” the printing mechanism to create the image and new electrostatic and other types of equipment (digital or non-impact printing).

Though printing and publishing can be carried out by the same unit (a newspaper, for example), it is less and less the case that these distinct activities are carried out in the same physical location. When publishing and printing are done in the same unit, the unit is classified in group 221 (Publishing) even if the receipts for printing exceed those for publishing. Units engaged in both online publishing and other publishing are included here, as represented, for example, by a newspaper publisher who also publishes an online version of the newspaper.

This division excludes units engaged exclusively in online publishing, see 7240.

This division excludes publishing of software, see 7221, and the publishing of motion pictures and videotapes, see 9211.

221 Publishing

2211 Publishing of books, brochures and other publications

This class includes:

- publishing of books, brochures, leaflets and similar publications, including publishing of dictionaries and encyclopedias
- publishing of atlases, maps and charts
- publishing of audiobooks
- publishing of encyclopedias etc. on CD-ROM

This class excludes:

- *exclusive publishing of these products online, see 7240*

2212 Publishing of newspapers, journals and periodicals

This class includes:

- publishing of newspapers, including advertising newspapers
- publishing of periodicals, trade journals, comic books etc.

This class excludes:

- *exclusive publishing of these products online, see 7240*

2213 Publishing of music

This class includes:

- publishing of gramophone records, compact discs and tapes with music or other sound recordings
- publishing of printed music

This class also includes: publishing of other sound recordings

This class excludes:

- publishing of software, see 7221
- exclusive publishing of these products online, see 7240
- publishing of motion pictures, videotapes and movies on digital video disc (DVD) or similar media, see 9211
- production of master copies for records or audio material, see 9211

2219 Other publishing

This class includes:

- publishing of:
 - photos, engravings and postcards
 - greeting cards
 - timetables
 - forms
 - posters, reproduction of works of art
 - other printed matter

222 Printing and service activities related to printing

2221 Printing

This class includes:

- printing of newspapers, magazines and other periodicals, books and brochures, music and music manuscripts, maps, atlases, posters, advertising catalogues, prospectuses and other printed advertising, postage stamps, taxation stamps, documents of title, cheques and other security papers, registers, albums, diaries, calendars, business forms and other commercial printed matter, personal stationery and other printed matter by letterpress, offset, photogravure, flexographic, screen printing and other printing presses, duplication machines, computer printers, embossers, photocopiers and thermocopiers

This class excludes:

- printing of labels, see 2109
- publishing of printed matter, see 2211, 2212, 2219

2222 Service activities related to printing

This class includes:

- binding of printed sheets, e.g. into books, brochures, magazines, catalogues etc., by folding, assembling, stitching, glueing, collating, basting, adhesive binding, trimming, gold stamping
- composition, typesetting, phototypesetting, pre-press data input including scanning and optical character recognition, electronic make-up
- plate-making services including imagesetting and plate-setting (for the printing processes letterpress and offset)
- engraving or etching of cylinders for gravure
- plate processes direct to plate (also photopolymer plates)
- preparation of plates and dies for relief stamping or printing
- proofs
- artistic work including litho stones and prepared woodblocks
- production of reprographic products
- design of printing products e.g. sketches, layouts, dummies etc.
- other graphic activities such as die-sinking or die-stamping, braille copying, punching and drilling, embossing, varnishing and laminating, collating and inseting, creasing

223 Reproduction of recorded media

2230 Reproduction of recorded media

This class includes:

- reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings
- reproduction from master copies of records, compact discs and tapes with motion pictures and other video recordings
- reproduction from master copies of software and data on discs and tapes

This class excludes:

- reproduction of printed matter, see 2221
- publishing of software, see 7221
- publishing of motion pictures, videotapes and movies on DVD or similar media, see 9211
- production of master copies for records or audio material, see 9211
- reproduction of motion picture films for theatrical distribution, see 9211

23 Manufacture of coke, refined petroleum products and nuclear fuel

This division is based on the transformation of crude petroleum and coal into usable products and also includes the nuclear industries. It constitutes the manufacturing part of the energy sector which begins in section C (extraction) and is also present in section E (electricity, gas and water supply). The dominant process is petroleum refining which involves the separation of crude petroleum into component products through such techniques as cracking and distillation.

This division also covers the manufacture for own account of characteristic products (e.g. coke, butane, propane, petrol, kerosene, fuel oil, nuclear fuel etc.) as well as processing services (e.g. custom refining, treatment of nuclear waste).

This division includes the manufacture of gases such as ethane, propane and butane as products of petroleum refineries. Not included is the manufacture of such gases in other units (2411), manufacture of industrial gases (2411), extraction of natural gas (methane, ethane, butane or propane) (1110), and manufacture of fuel gas, other than petroleum gases (e.g. coal gas, water gas, producer gas, gasworks gas) (4020).

Units that manufacture petrochemicals from refined petroleum are classified in division 24.

231 Manufacture of coke oven products

2310 Manufacture of coke oven products

This class includes:

- operation of coke ovens
- production of coke and semi-coke
- production of coke oven gas
- production of crude coal and lignite tars
- agglomeration of coke

This class excludes:

- agglomeration of hard coal, see 1010
- agglomeration of lignite, see 1020
- manufacture of pitch, pitch coke and coal tar, see 2411

232 Manufacture of refined petroleum products

2320 Manufacture of refined petroleum products

This class includes the manufacture of liquid or gaseous fuels or other products from crude petroleum, bituminous minerals or their fractionation products.

This class includes:

- production of motor fuel: gasoline, kerosene etc.
- production of fuel: light, medium and heavy fuel oil, refinery gases such as ethane, propane, butane etc.
- manufacture of oil-based lubricating oils or greases, including from waste oil
- manufacture of products for the petrochemical industry and for the manufacture of road coverings
- manufacture of various products: white spirit, vaseline, paraffin wax, petroleum jelly etc.

233 Processing of nuclear fuel

2330 Processing of nuclear fuel

This class includes:

- extraction of uranium metal from pitchblende or other ores
- production of natural and enriched uranium, plutonium; compounds, alloys, dispersions and mixtures thereof
- production of fuel elements for nuclear reactors
- reprocessing of nuclear fuels
- production of radioactive elements for industrial or medical use
- treatment of radioactive nuclear waste

This class excludes:

- *mining and concentration of uranium and thorium ores, see 1200*
- *manufacture of yellowcake, see 1200*
- *disposal of transition radioactive waste (i.e. decaying within the period of temporary storage) from hospitals etc., see 9000*

24 Manufacture of chemicals and chemical products

This division is based on the transformation of organic and inorganic raw materials by a chemical process and the formation of products. It distinguishes the production of basic chemicals that constitute the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry classes.

241 Manufacture of basic chemicals

2411 Manufacture of basic chemicals, except fertilizers and nitrogen compounds

This class includes:

- manufacture of liquefied or compressed inorganic industrial or medical gases:
 - elemental gases
 - liquid or compressed air
 - refrigerant gases
 - mixed industrial gases
 - inert gases such as carbon dioxide
 - isolating gases
- manufacture of dyes and pigments from any source in basic form or as concentrate
- manufacture of chemical elements except metals and radioactive elements produced by the nuclear fuels industry
- manufacture of inorganic acids except nitric acid
- manufacture of alkalis, lyes and other inorganic bases except ammonia
- manufacture of other inorganic compounds
- manufacture of basic organic chemicals:
 - acyclic hydrocarbons, saturated and unsaturated
 - cyclic hydrocarbons, saturated and unsaturated
 - acyclic and cyclic alcohols, including synthetic ethyl alcohol
 - mono- and polycarboxylic acids, including acetic acid
 - other oxygen-function compounds, including aldehydes, ketones, quinones and dual or poly oxygen-function compounds
 - synthetic glycerol
 - nitrogen-function organic compounds, including amines
 - other organic compounds, including wood distillation products (e.g. charcoal) etc.
- production of pitch and pitch coke
- manufacture of synthetic aromatic products
- distillation of coal tar
- roasting of iron pyrites

This class also includes:

- manufacture of products of a kind used as fluorescent brightening agents or as luminophores

This class excludes:

- *extraction of methane, ethane, butane or propane, see 1110*
- *manufacture of ethyl alcohol from fermented materials, see 1551*
- *manufacture of fuel gases such as ethane, butane or propane in a petroleum refinery, see*

2320

- manufacture of nitrogenous fertilizers and nitrogen compounds, see 2412
- manufacture of ammonia, see 2412
- manufacture of ammonium chloride, see 2412
- manufacture of nitrites and nitrates of potassium, see 2412
- manufacture of ammonium carbonates, see 2412
- manufacture of plastics in primary forms, see 2413
- manufacture of synthetic rubber in primary forms, see 2413
- manufacture of prepared dyes and pigments, see 2422
- manufacture of salicylic and O-acetylsalicylic acids, see 2423
- manufacture of crude glycerol, see 2424
- manufacture of natural essential oils, see 2429

2412 Manufacture of fertilizers and nitrogen compounds

This class includes:

- manufacture of fertilizers:
 - straight or complex nitrogenous, phosphatic or potassic fertilizers
 - urea, crude natural phosphates and crude natural potassium salts
 - compost
- manufacture of associated nitrogen products:
 - nitric and sulphonitric acids, ammonia, ammonium chloride, ammonium carbonate, nitrites and nitrates of potassium

This class excludes:

- mining of guano, see 1421
- manufacture of agrochemical products, such as pesticides, see 2421

2413 Manufacture of plastics in primary forms and of synthetic rubber

This class includes:

- manufacture of plastics in primary forms:
 - polymers, including those of ethylene, propylene, styrene, vinyl chloride, vinyl acetate and acrylics
 - polyamides
 - phenolic and epoxide resins and polyurethanes
 - alkyd and polyester resins and polyethers
 - silicones
 - ion-exchangers based on polymers
- manufacture of synthetic rubber in primary forms:
 - synthetic rubber
 - Factice
- manufacture of mixtures of synthetic rubber and natural rubber or rubber-like gums (e.g. balata)

This class also includes:

- manufacture of cellulose and its chemical derivatives

This class excludes:

- manufacture of artificial and synthetic fibres, filaments and yarn, see 2430
- recycling of plastics, see 3720

242 Manufacture of other chemical products

2421 Manufacture of pesticides and other agrochemical products

This class includes:

- manufacture of insecticides, rodenticides, fungicides, herbicides
- manufacture of anti-sprouting products, plant growth regulators
- manufacture of disinfectants (for agricultural and other use)
- manufacture of other agrochemical products n.e.c.

This class excludes:

- manufacture of fertilizers and nitrogen compounds, see 2412

2422 Manufacture of paints, varnishes and similar coatings, printing ink and mastics

This class includes:

- manufacture of paints and varnishes, enamels or lacquers
- manufacture of prepared pigments and dyes, opacifiers and colours
- manufacture of vitrifiable enamels and glazes and engobes and similar preparations
- manufacture of mastics
- manufacture of caulking compounds and similar non-refractory filling or surfacing preparations
- manufacture of organic composite solvents and thinners
- manufacture of prepared paint or varnish removers
- manufacture of printing ink

This class excludes:

- *manufacture of dyestuffs, pigments and turpentine, see 2411*
- *manufacture of writing and drawing ink, see 2429*

2423 Manufacture of pharmaceuticals, medicinal chemicals and botanical products

This class includes:

- manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments: antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids etc.
- processing of blood
- manufacture of medicaments:
 - antisera and other blood fractions
 - vaccines
 - diverse medicaments, including homeopathic preparations
- manufacture of chemical contraceptive products for external use and hormonal contraceptive medicaments
- manufacture of dental fillings and bone reconstruction cements
- manufacture of medical diagnostic preparations, including pregnancy tests

This class also includes:

- manufacture of chemically pure sugars
- processing of glands and manufacture of extracts of glands etc.
- manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string etc.
- preparation of botanical products (grinding, grading, milling) for pharmaceutical use

This class excludes:

- *packaging of pharmaceuticals for own account, see 5139, 5231*
- *packaging of pharmaceuticals on a fee or contract basis, see 7495*

2424 Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations

This class includes:

- manufacture of organic surface-active agents
- manufacture of soap
- manufacture of paper, wadding, felt etc. coated or covered with soap or detergent
- manufacture of crude glycerol
- manufacture of surface-active preparations:
 - washing powders in solid or liquid form and detergents
 - dish-washing preparations
 - textile softeners
- manufacture of cleaning and polishing products:
 - preparations for perfuming or deodorizing rooms
 - artificial waxes and prepared waxes
 - polishes and creams for leather
 - polishes and creams for wood
 - polishes for coachwork, glass and metal
 - scouring pastes and powders, including paper, wadding etc. coated or covered with these
- manufacture of perfumes and toilet preparations:
 - perfumes and toilet water
 - beauty and make-up preparations
 - sunburn prevention and suntan preparations
 - manicure and pedicure preparations

- shampoos, hair lacquers, waving and straightening preparations
- dentifrices and preparations for oral hygiene, including denture fixative preparations
- shaving preparations, including pre-shave and aftershave preparations
- deodorants and bath salts
- depilatories

This class excludes:

- *manufacture of separate, chemically defined compounds, see 2411*
- *manufacture of glycerol, synthesized from petroleum products, see 2411*
- *extraction and refining of natural essential oils, see 2429*

2429 Manufacture of other chemical products n.e.c.

This class includes:

- manufacture of propellant powders
- manufacture of explosives and pyrotechnic products, including percussion caps, detonators, signalling flares etc.
- manufacture of gelatine and its derivatives, glues and prepared adhesives, including rubber-based glues and adhesives
- manufacture of extracts of natural aromatic products
- manufacture of resinoids
- manufacture of aromatic distilled waters
- manufacture of mixtures of odoriferous products for the manufacture of perfumes or food
- manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
- manufacture of chemical preparations for photographic uses
- manufacture of unrecorded media for sound or video recording
- manufacture of unrecorded computer disks and tapes
- manufacture of various chemical products:
 - peptones, peptone derivatives, other protein substances and their derivatives n.e.c.
 - essential oils
 - chemically modified oils and fats
 - materials used in the finishing of textiles and leather
 - powders and pastes used in soldering, brazing or welding
 - substances used to pickle metal
 - prepared additives for cements
 - activated carbon, lubricating oil additives, prepared rubber accelerators, catalysts and other chemical products for industrial use
 - anti-knock preparations, antifreeze preparations
 - composite diagnostic or laboratory reagents

This class also includes:

- manufacture of writing and drawing ink
- manufacture of processed salt

This class excludes:

- *manufacture of chemically defined products in bulk, see 2411*
- *manufacture of synthetic aromatic products, see 2411*
- *manufacture of printing ink, see 2422*
- *manufacture of perfumes and toilet preparations, see 2424*
- *manufacture of asphalt-based adhesives, see 2699*

243 Manufacture of man-made fibres

2430 Manufacture of man-made fibres

This class includes:

- manufacture of synthetic or artificial filament tow
- manufacture of synthetic or artificial staple fibres, not carded, combed or otherwise processed for spinning
- manufacture of synthetic or artificial filament yarn, including high-tenacity yarn
- manufacture of synthetic or artificial monofilament or strip

This class excludes:

- *spinning of synthetic or artificial fibres, see 1711*

- *manufacture of yarns made of man-made staple, see 1711*
- *manufacture of processed yarns from filaments, tow, staple, yarn not made in the same unit, see 1711*

25 Manufacture of rubber and plastics products

The rubber and plastic industries are characterized by the raw materials used. However, this does not mean that all products made of these materials necessarily fall under this activity. Most notably, manufacture of apparel and footwear is classified in division 18 and 19, even when plastic or rubber is the main constituent.

251 Manufacture of rubber products

2511 Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres

This class includes:

- manufacture of rubber tyres for vehicles, equipment, mobile machinery, aircraft, toy, furniture and other uses:
 - pneumatic tyres
 - solid or cushion tyres
- manufacture of inner tubes for tyres
- manufacture of interchangeable tyre treads, tyre flaps, “camelback” strips for retreading tyres etc.
- tyre rebuilding and retreading

This class excludes:

- *manufacture of tube repair materials, see 2519*
- *tyre and tube repair, fitting or replacement, see 5020*

2519 Manufacture of other rubber products

This class includes:

- manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened:
 - rubber plates, sheets, strip, rods, profile shapes
 - tubes, pipes and hoses
 - rubber conveyor or transmission belts or belting
 - rubber hygienic articles: sheath contraceptives, teats, hot water bottles etc.
 - rubber articles of apparel (if only sealed together, not sewn)
 - rubber floor coverings
 - rubber thread and rope
 - rubberized yarn and fabrics
 - rubber rings, fittings and seals
 - rubber roller coverings
 - inflatable rubber mattresses
 - inflatable balloons

This class also includes:

- manufacture of rubber repair materials
- manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent

This class excludes:

- *manufacture of tyre cord fabrics, see 1729*
- *manufacture of apparel of elastic fabrics, see 1810*
- *manufacture of rubber footwear, see 1920*
- *manufacture of glues and adhesives based on rubber, see 2429*
- *manufacture of “camelback” strips, see 2511*
- *manufacture of inflatable rafts and boats, see 3511, 3512*
- *manufacture of mattresses of uncovered cellular rubber, see 3610*
- *manufacture of rubber sports requisites, except apparel, see 3693*
- *manufacture of rubber games and toys, see 3694*
- *reclaiming of rubber, see 3720*

252 Manufacture of plastics products

2520 Manufacture of plastics products

This class includes:

- manufacture of semi-manufactures of plastic products:
 - plastic plates, sheets, blocks, film, foil, strip etc. (whether self-adhesive or not)
- manufacture of finished plastic products:
 - plastic tubes, pipes and hoses; hose and pipe fittings
- manufacture of plastic articles for the packing of goods:
 - plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.
- manufacture of builders' plastics ware:
 - plastic doors, windows, frames, shutters, blinds, skirting boards
 - tanks, reservoirs
 - plastic floor, wall or ceiling coverings in rolls or in the form of tiles etc.
 - plastic sanitary ware:
 - plastic baths, shower-baths, washbasins, lavatory pans, flushing cisterns etc.
- manufacture of plastic tableware, kitchenware and toilet articles
- manufacture of diverse plastic products:
 - plastic headgear, insulating fittings, parts of lighting fittings, office or school supplies, articles of apparel (if only sealed together, not sewn), fittings for furniture, statuettes, transmission and conveyer belts etc.

This class excludes:

- *manufacture of plastic luggage, see 1912*
- *manufacture of plastic footwear, see 1920*
- *manufacture of plastics in primary forms, see 2413*
- *manufacture of articles of synthetic or natural rubber, see 251*
- *manufacture of plastic medical and dental appliances, see 3311*
- *manufacture of plastic optical elements, see 3320*
- *manufacture of plastic furniture, see 3610*
- *manufacture of mattresses of uncovered cellular plastic, see 3610*
- *manufacture of plastic sports requisites, see 3693*
- *manufacture of plastic games and toys, see 3694*
- *manufacture of linoleum and hard non-plastic surface floor coverings, see 3699*

26 Manufacture of other non-metallic mineral products

This division groups different areas that are all related to a single substance of mineral origin.

This division includes glass and glass products (e.g. flat glass, hollow glass, fibres, technical glassware etc.); and ceramic products, tiles and baked clay products, and cement and plaster, from raw materials to finished articles. Shaped and finished stone and other mineral products complete the division.

261 Manufacture of glass and glass products

2610 Manufacture of glass and glass products

This class includes glass in all its forms, made by any process, and articles of glass.

This class includes:

- manufacture of flat glass, including wired, coloured or tinted flat glass
- manufacture of toughened or laminated flat glass
- manufacture of glass in rods or tubes
- manufacture of glass paving blocks
- manufacture of glass mirrors
- manufacture of multiple-walled insulating units of glass
- manufacture of bottles and other containers of glass or crystal
- manufacture of drinking glasses and other domestic glass or crystal articles
- manufacture of glass fibres, including glass wool and non-woven products thereof
- manufacture of laboratory, hygienic or pharmaceutical glassware
- manufacture of clock or watch glasses, optical glass and optical elements not optically worked
- manufacture of glassware used in imitation jewellery
- manufacture of glass insulators and glass insulating fittings
- manufacture of glass envelopes for lamps

This class excludes:

- *manufacture of woven fabrics of glass yarn, see 1711*
- *manufacture of optical fibre cables for coded data transmission, see 3130*
- *manufacture of syringes and other medical laboratory equipment, see 3311*
- *manufacture of optical elements optically worked, see 3320*
- *manufacture of optical fibres and optical fibre cables for live transmission of images, see 3320*
- *manufacture of glass toys, see 3694*

269 Manufacture of non-metallic mineral products n.e.c.

2691 Manufacture of non-structural non-refractory ceramic ware

This class includes:

- manufacture of ceramic tableware and other domestic or toilet articles
- manufacture of statuettes and other ornamental ceramic articles
- manufacture of electrical insulators and insulating fittings of ceramics
- manufacture of ceramic laboratory, chemical and industrial products
- manufacture of ceramic pots, jars and similar articles of a kind used for conveyance or packing of goods
- manufacture of ceramic furniture
- manufacture of ceramic products n.e.c.

This class excludes:

- *manufacture of refractory ceramic goods, see 2692*
- *manufacture of ceramic building materials, see 2693*
- *manufacture of artificial teeth, see 3311*
- *manufacture of ceramic toys, see 3694*
- *manufacture of imitation jewellery, see 3699*

2692 Manufacture of refractory ceramic products

This class includes:

- manufacture of refractory mortars, concretes etc.
- manufacture of refractory ceramic goods:
 - heat-insulating ceramic goods of siliceous fossil meals
 - refractory bricks, blocks and tiles etc.
 - retorts, crucibles, muffles, nozzles, tubes, pipes etc.

This class also includes:

- manufacture of refractory articles containing magnesite, dolomite or cromite

This class excludes:

- *manufacture of non-refractory ceramic goods, see 2691, 2693*

2693 Manufacture of structural non-refractory clay and ceramic products

This class includes:

- manufacture of non-refractory ceramic hearth or wall tiles, mosaic cubes etc.
- manufacture of non-refractory ceramic flags and paving
- manufacture of structural non-refractory clay building materials:
 - manufacture of ceramic bricks, roofing tiles, chimney pots, pipes, conduits etc.
- manufacture of flooring blocks in baked clay

This class excludes:

- *manufacture of non-structural non-refractory ceramic products, see 2691*
- *manufacture of refractory ceramic products, see 2692*

2694 Manufacture of cement, lime and plaster

This class includes:

- manufacture of clinkers and hydraulic cements, including portland, aluminous cement, slag cement and superphosphate cements
- manufacture of quicklime, slaked lime and hydraulic lime
- manufacture of plasters of calcined gypsum or calcined sulphate
- manufacture of calcined dolomite

This class excludes:

- *manufacture of cements used in dentistry, see 2423*
- *manufacture of refractory mortars, concrete etc., see 2692*
- *manufacture of articles of cement, see 2695*
- *manufacture of articles of plaster, see 2695*
- *manufacture of ready-mixed and dry-mix concrete and mortars, see 2695*

2695 Manufacture of articles of concrete, cement and plaster

This class includes:

- manufacture of precast concrete, cement or artificial stone articles for use in construction:
 - tiles, flagstones, bricks, boards, sheets, panels, pipes, posts etc.
- manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
- manufacture of plaster articles for use in construction:
 - boards, sheets, panels etc.
- manufacture of building materials of vegetable substances (wood wool, straw, reeds, rushes) agglomerated with cement, plaster or other mineral binder
- manufacture of articles of asbestos-cement or cellulose fibre-cement or the like:
 - corrugated sheets, other sheets, panels, tiles, tubes, pipes, reservoirs, troughs, basins, sinks, jars, furniture, window frames etc.
- manufacture of other articles of concrete, plaster, cement or artificial stone:
 - statuary, furniture, bas- and haut-reliefs, vases, flowerpots etc.
- manufacture of powdered mortars
- manufacture of ready-mix and dry-mix concrete and mortars

This class excludes:

- *manufacture of refractory cements and mortars, see 2692*

2696 Cutting, shaping and finishing of stone

This class includes:

- cutting, shaping and finishing of stone for use in construction, in cemeteries, on roads, as roofing etc.
- manufacture of stone furniture

This class excludes:

- *activities carried out by operators of quarries, e.g. production of rough cut stone, see 1410*
- *production of millstones, abrasive stones and similar products, see 2699*

2699 Manufacture of other non-metallic mineral products n.e.c.

This class includes:

- manufacture of millstones, sharpening or polishing stones and natural or artificial abrasive products, including abrasive products on a soft base (e.g. sandpaper)
- manufacture of non-metallic mineral yarn and fabric, clothing, headgear, footwear, cord, string, paper, felt etc. (e.g. from asbestos)
- manufacture of friction material and unmounted articles thereof with a base of mineral substances or of cellulose
- manufacture of mineral insulating materials:
 - slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays and similar heat-insulating, sound-insulating or sound-absorbing materials
- manufacture of articles of diverse mineral substances:
 - worked mica and articles of mica, of peat, of graphite (other than electrical articles) etc.
- manufacture of articles of asphalt or similar material, e.g. asphalt-based adhesives, coal tar pitch etc.

This class excludes:

- *manufacture of glass wool and non-woven glass wool products, see 2610*

27 Manufacture of basic metals

This division includes the activities of smelting and/or refining ferrous and non-ferrous metals from ore, pig or scrap, using electrometallurgic and other process metallurgic techniques. Units in this division also manufacture metal alloys and super-alloys by introducing other chemical elements to pure metals. The output of smelting and

refining, usually in ingot form, is used in rolling, drawing and extruding operations to make sheet, strip, bar, rod or wire, and in molten form to make castings and other basic metal products.

271 Manufacture of basic iron and steel

2710 Manufacture of basic iron and steel

This class includes:

- operation of blast furnaces, steel converters, rolling and finishing mills
- production of pig iron and spiegeleisen in pigs, blocks or other primary forms
- production of ferro-alloys
- production of semi-finished products of iron or non-alloy steel
- production of ingots, other primary forms and semi-finished products of stainless steel or other alloy steel
- production of angles, shapes and sections of stainless steel or other alloy steel
- production of bars and rods of stainless steel or other alloy steel
- production of flat-rolled products of iron or non-alloy steel
- production of angles, shapes and sections of iron or non-alloy steel
- production of bars and rods of iron or non-alloy steel
- production of sheet piling
- production of railway track materials (unassembled rails)
- manufacture of cast-iron tubes and cast-iron or steel centrifugally cast tubes
- manufacture of cast-iron fittings: non-malleable and malleable cast-iron fittings and cast-steel fittings for which connection is obtained by screwing for threaded fittings, by contact for socket fittings or by bolting for flange fittings
- manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling
- manufacture of welded tubes by cold or hot forming and welding, by forming and cold drawing, or by hot forming and reducing
- manufacture of steel tube fittings:
 - flat flanges and flanges with forged collars of steel
 - butt welding fittings of steel
 - threaded fittings and other fittings of steel
- manufacture of steel bars or sections by cold drawing, grinding or peeling
- manufacture of open sections by progressive forming on a roll mill or folding on a press of flat-rolled products of steel
- manufacture of steel wire by cold drawing or stretching
- production of granular iron and iron powder; production of iron of exceptional purity by electrolysis or other chemical processes

This class excludes:

- *forging or casting operations in connection with the manufacture of metal products, see divisions 28-36*

272 Manufacture of basic precious and non-ferrous metals

2720 Manufacture of basic precious and non-ferrous metals

This class includes:

- production of basic precious metals:
 - production and refining of unwrought or wrought precious metals: gold, silver, platinum etc. from ore and scrap
- production of precious metal alloys
- production of precious metal semi-products
- production of silver rolled onto base metals
- production of gold rolled onto base metals or silver
- production of platinum and platinum group metals rolled onto gold, silver or base metals
- production of aluminium from alumina
- production of aluminium from electrolytic refining of aluminium waste and scrap
- production of aluminium alloys
- semi-manufacturing of aluminium
- production of lead, zinc and tin from ores
- production of lead, zinc and tin from electrolytic refining of lead, zinc and tin waste and scrap
- production of lead, zinc and tin alloys

- semi-manufacturing of lead, zinc and tin
- production of copper from ores
- production of copper from electrolytic refining of copper waste and scrap
- production of copper alloys
- manufacture of fuse wire or strip
- semi-manufacturing of copper
- production of chrome, manganese, nickel etc. from ores or oxides
- production of chrome, manganese, nickel etc. from electrolytic and aluminothermic refining of chrome, manganese, nickel etc., waste and scrap
- production of alloys of chrome, manganese, nickel etc.
- semi-manufacturing of chrome, manganese, nickel etc.
- production of mattes of nickel

This class also includes:

- manufacture of wire of these metals by drawing
- production of aluminium oxide (alumina)
- production of aluminium wrapping foil

This class excludes:

- *manufacture of precious metal watch cases, see 3330*
- *manufacture of precious metal jewellery, see 3691*
- *forging or casting operations in connection with the manufacture of metal products, see divisions 28-36*

273 Casting of metals

This group includes:

- manufacture of semi-finished products and various castings produced for third parties according to their specifications

This group excludes:

- *manufacture of finished cast products such as pipes and related items, see 2710; boilers and radiators, see 2812; cast household items, see 2899, etc.*

2731 Casting of iron and steel

This class includes activities of iron and steel foundries.

This class includes:

- casting of semi-finished iron products
- casting of grey iron castings
- casting of spheroidal graphite iron castings
- casting of malleable cast-iron products
- casting of semi-finished steel products
- casting of steel castings

This class excludes:

- *casting carried out in connection with the manufacture of metal products, see divisions 27 - 36*

2732 Casting of non-ferrous metals

This class includes:

- casting of semi-finished products of aluminium, magnesium, titanium, zinc etc.
- casting of light metal castings
- casting of heavy metal castings
- casting of precious metal castings
- die-casting of non-ferrous metal castings

This class excludes:

- *casting carried out in connection with the manufacture of metal products, see divisions 27 - 36*

28 Manufacture of fabricated metal products, except machinery and equipment

While division 28 deals with the manufacture of “pure” metal products (such as parts, containers and structures), usually with a static, immovable function, divisions 29-36 concern combinations or assemblies of such metal products (sometimes with other materials) into more complex units that, unless they are purely electrical, electronic or optical, work with moving parts.

281 Manufacture of structural metal products, tanks, reservoirs and steam generators

2811 Manufacture of structural metal products

This class includes:

- manufacture of metal frameworks or skeletons for construction and parts thereof (towers, masts, trusses, bridges etc.)
- manufacture of industrial frameworks in metal (frameworks for blast furnaces, lifting and handling equipment etc.)
- manufacture of prefabricated buildings mainly of metal:
 - site huts, modular exhibition elements etc.
- manufacture of metal doors, windows and their frames, shutters and gates

This class excludes:

- *manufacture of parts for marine or power boilers, see 2813*
- *manufacture of assembled railway track fixtures, see 2899*
- *manufacture of sections of ships, see 3511*

2812 Manufacture of tanks, reservoirs and containers of metal

This class includes:

- manufacture of reservoirs, tanks and similar containers of metal, of types normally installed as fixtures for storage or manufacturing use
- manufacture of metal containers for compressed or liquefied gas
- manufacture of central heating boilers and radiators

This class excludes:

- *manufacture of metal casks, drums, cans, pails, boxes etc. of a kind normally used for carrying and packing of goods (irrespective of size), see 2899*
- *manufacture of transport containers, see 3420*

2813 Manufacture of steam generators, except central heating hot water boilers

This class includes:

- manufacture of steam or other vapour generators
- manufacture of auxiliary plant for use with steam generators:
 - condensers, economizers, superheaters, steam collectors and accumulators
- manufacture of nuclear reactors, except isotope separators
- manufacture of parts for marine or power boilers

This class excludes:

- *manufacture of central heating hot-water boilers and radiators, see 2812*
- *manufacture of boiler-turbine sets, see 2911*
- *manufacture of isotope separators, see 2929*

289 Manufacture of other fabricated metal products; metalworking service activities

2891 Forging, pressing, stamping and roll-forming of metal; powder metallurgy

This class includes:

- forging, pressing, stamping and roll forming of metal
- powder metallurgy: production of metal objects directly from metal powders by heat treatment (sintering) or under pressure

This class excludes:

- *production of metal powder, see 2710, 2720*

2892 Treatment and coating of metals; general mechanical engineering on a fee or contract basis

This class includes:

- plating, anodizing etc. of metal
- heat treatment of metal
- deburring, sandblasting, tumbling, cleaning of metals

- colouring, engraving, printing of metal
- non-metallic coating of metal:
 - plastifying, enamelling, lacquering etc.
- hardening, buffing of metal
- boring, turning, milling, eroding, planing, lapping, broaching, levelling, sawing, grinding, sharpening, polishing, welding, splicing etc. of metalwork pieces
- cutting of and writing on metals by means of laser beams

This class excludes:

- *rolling precious metals onto base metals or other metals, see 2720*
- *“while-you-wait” engraving services, see 5260*

2893 Manufacture of cutlery, hand tools and general hardware

This class includes:

- manufacture of domestic cutlery such as knives, forks, spoons etc.
- manufacture of other articles of cutlery:
 - cleavers and choppers
 - razors and razor blades
 - scissors and hair clippers
- manufacture of knives and cutting blades for machines or for mechanical appliances
- manufacture of hand tools such as pliers, screwdrivers etc.
- manufacture of non-power-driven agricultural hand tools
- manufacture of saws and sawblades, including circular sawblades and chainsaw blades
- manufacture of interchangeable tools for hand tools, whether or not power-operated, or for machine tools: drills, punches, dies, milling cutters
- manufacture of blacksmiths’ tools: forges, anvils etc.
- manufacture of vices, clamps
- manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles etc.
- manufacture of cutlasses, swords, bayonets etc.

This class excludes:

- *manufacture of hollowware (pots, kettles etc.), dinnerware (bowls, platters etc.) or flatware (plates, saucers etc.), see 2899*
- *manufacture of power-driven hand tools, see 2922*
- *manufacture of cutlery of precious metal, see 3691*

2899 Manufacture of other fabricated metal products n.e.c.

This class includes:

- manufacture of pails, cans, drums, buckets, boxes
- manufacture of tins and cans for food products, collapsible tubes and boxes
- manufacture of metallic closures
- manufacture of metal cable, plaited bands and similar articles
- manufacture of uninsulated metal cable or insulated cable not capable of being used as a conductor of electricity
- manufacture of articles made of wire: barbed wire, wire fencing, grill, netting, cloth etc.
- manufacture of nails and pins
- manufacture of rivets, washers and similar non-threaded products
- manufacture of screw machine products
- manufacture of bolts, screws, nuts and similar threaded products
- manufacture of springs (except watch springs):
 - leaf springs, helical springs, torsion bar springs
 - leaves for springs
- manufacture of chain, except power transmission chain
- manufacture of metal household articles:
 - flatware: plates, saucers etc.
 - hollowware: pots, kettles etc.
 - dinnerware: bowls, platters etc.
 - saucepans, frying pans and other non-electrical utensils for use at the table or in the kitchen
 - small hand-operated kitchen appliances and accessories

- metal scouring pads
- manufacture of baths, sinks, washbasins and similar articles
- manufacture of metal goods for office use, except furniture
- manufacture of safes, strongboxes, armoured doors etc.
- manufacture of various metal articles:
 - ship propellers and blades therefor
 - anchors
 - bells
 - assembled railway track fixtures
 - metal safety headgear
 - clasps, buckles, hooks
 - sign plates

This class excludes:

- *manufacture of tanks and reservoirs, see 2812*
- *manufacture of swords, bayonets, see 2893*
- *manufacture of power transmission chain, see 2913*
- *manufacture of wire and cable for electricity transmission, see 3130*
- *manufacture of clock or watch springs, see 3330*
- *manufacture of metal furniture, see 3610*
- *manufacture of sports goods, see 3693*
- *manufacture of games and toys, see 3694*

29 Manufacture of machinery and equipment n.e.c.

This division covers the manufacture of machinery and equipment that act independently on materials either mechanically or thermally or perform operations on materials (such as handling, spraying, weighing or packing), including their mechanical components that produce and apply force, and any specially manufactured primary parts. This category includes fixed and mobile or hand-held devices, regardless of whether they are designed for industrial, building and civil engineering, agricultural, military or home use. The manufacture of weapons and special equipment for passenger or freight transport within demarcated premises also belongs within this division.

The manufacture of metal products for general use (division 28), associated control devices, computer equipment, measurement and testing equipment, electricity distribution and control apparatus (divisions 30-33) and general-purpose motor vehicles (divisions 34 and 35) is excluded.

Division 29 distinguishes between the manufacture of general-purpose machinery and components and those with special applications and includes the manufacture of:

- motors and engines (except electric motors), turbines, pumps, compressors, valves and transmissions
- ovens, burners, lifting and handling equipment, cooling and ventilation equipment, other general-purpose machinery (e.g. packaging equipment, weighing machines and water purification equipment)
- agricultural machinery, machine tools, machinery for other specific industrial purposes (e.g. for metal production, building and civil engineering, mining or the manufacture of foodstuffs, textiles, paper, printed matter, plastic and rubber products)
- weapons and munitions
- domestic appliances (electrical and non-electrical)

291 Manufacture of general -purpose machinery

2911 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines

This class includes:

- manufacture of internal combustion piston engines and parts thereof, except motor vehicle, aircraft and cycle propulsion engines:
 - marine engines
 - railway engines
- manufacture of turbines and parts thereof:
 - steam turbines and other vapour turbines
 - hydraulic turbines, waterwheels and regulators thereof
 - wind turbines
 - gas turbines, except turbojets or turbopropellers for aircraft propulsion
- manufacture of boiler-turbine sets

This class excludes:

- *manufacture of electric generator sets, see 3110*
- *manufacture of electrical equipment and components of internal combustion engines, see 3190*
- *manufacture of motor vehicle, aircraft or cycle propulsion engines, see 3410, 3530, 3591*
- *manufacture of turbojets and turbopropellers, see 3530*

2912 Manufacture of pumps, compressors, taps and valves

This class includes:

- manufacture of air or vacuum pumps, air or other gas compressors
- manufacture of pumps for liquids whether or not fitted with a measuring device
- manufacture of pumps designed for fitting to internal combustion engines: oil, water and fuel pumps for motor vehicles etc.

This class also includes:

- manufacture of fluid power equipment and pneumatic engines and motors
- manufacture of industrial taps and valves, including regulating valves and intake taps
- manufacture of sanitary taps and valves
- manufacture of heating taps and valves
- manufacture of hand pumps

This class excludes:

- *manufacture of valves of unhardened vulcanized rubber, glass or of ceramic materials, see 2519, 2610 or 2691*
- *manufacture of hydraulic transmission equipment, see 2913*
- *manufacture of household-type fans, see 2930*
- *manufacture of inlet and exhaust valves of internal combustion engines, see 3430, 3530*

2913 Manufacture of bearings, gears, gearing and driving elements

This class includes:

- manufacture of ball and roller bearings and parts thereof
- manufacture of mechanical power transmission equipment:
 - transmission shafts and cranks: camshafts, crankshafts, cranks etc.
 - bearing housings and plain shaft bearings
- manufacture of gears, gearing and gear boxes and other speed changers
- manufacture of clutches and shaft couplings
- manufacture of flywheels and pulleys
- manufacture of articulated link chain
- manufacture of power transmission chain
- manufacture of hydraulic transmission equipment

This class excludes:

- *manufacture of other chain, see 2899*
- *manufacture of electromagnetic clutches, see 3190*
- *manufacture of sub-assemblies of power transmission equipment identifiable as parts of vehicles or aircraft, see divisions 34 and 35*

2914 Manufacture of ovens, furnaces and furnace burners

This class includes:

- manufacture of electrical and other industrial and laboratory furnaces and ovens, including incinerators
- manufacture of burners

This class also includes:

- manufacture of mechanical stokers, grates, ash dischargers etc.

This class excludes:

- *manufacture of agricultural dryers, see 2925*
- *manufacture of bakery ovens, see 2925*
- *manufacture of dryers for wood, paper pulp, paper or paperboard, see 2929*
- *manufacture of household ovens, see 2930*
- *manufacture of medical, surgical or laboratory sterilizers, see 3311*

2915 Manufacture of lifting and handling equipment

This class includes:

- manufacture of hand-operated or power-driven lifting, handling, loading or unloading machinery:
 - pulley tackle and hoists, winches, capstans and jacks
 - derricks, cranes, mobile lifting frames, straddle carriers etc.
 - works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories
 - mechanical manipulators and industrial robots specifically designed for lifting, handling, loading or unloading
- manufacture of conveyors, teleferics etc.
- manufacture of lifts, escalators and moving walkways
- manufacture of parts specialized for lifting and handling equipment

This class also includes:

- maintenance of lifts and escalators

This class excludes:

- *manufacture of continuous-action elevators and conveyors for underground use, see 2924*
- *manufacture of mechanical shovels, excavators and shovel loaders, see 2924*
- *manufacture of industrial robots for multiple uses, see 2929*
- *manufacture of floating cranes, railway cranes, crane-lorries, see 3511, 3520*
- *installation of lifts and elevators, see 4530*

2919 Manufacture of other general-purpose machinery

This class includes:

- manufacture of refrigerating or freezing industrial equipment, including assemblies of major components
- manufacture of air-conditioning machines, including for motor vehicles
- manufacture of non-domestic fans
- manufacture of weighing machinery (other than sensitive laboratory balances):
 - household and shop scales, platform scales, scales for continuous weighing, weighbridges, weights etc.
- manufacture of filtering or purifying machinery and apparatus for liquids
- manufacture of equipment for projecting, dispersing or spraying liquids or powders:
 - spray guns, fire extinguishers, sandblasting machines, steam cleaning machines etc.
- manufacture of packing and wrapping machinery:
 - filling, closing, sealing, capsuling or labelling machines etc.
- manufacture of machinery for cleaning or drying bottles and for aerating beverages
- manufacture of distilling or rectifying plant for petroleum refineries, chemical industries, beverage industries etc.
- manufacture of heat exchangers
- manufacture of machinery for liquefying air or gas
- manufacture of gas generators
- manufacture of calendering or other rolling machines and cylinders thereof (except for metal and glass)
- manufacture of centrifuges (except cream separators and clothes dryers)
- manufacture of gaskets and similar joints made of a combination of materials or layers of the same material
- manufacture of automatic goods vending machines
- manufacture of parts for general-purpose machinery

This class excludes:

- *manufacture of agricultural spraying machinery, see 2921*
- *manufacture of metal or glass rolling machinery and cylinders thereof, see 2923, 2929*
- *manufacture of agricultural dryers, machinery for filtering or purifying food, see 2925*
- *manufacture of cream separators, see 2925*
- *manufacture of industrial clothes dryers, see 2929*
- *manufacture of domestic refrigerating or freezing equipment, see 2930*
- *manufacture of domestic fans, see 2930*
- *manufacture of sensitive balances, see 3312*

292 Manufacture of special-purpose machinery

2921 Manufacture of agricultural and forestry machinery

This class includes:

- manufacture of tractors used in agriculture and forestry
- manufacture of walking (pedestrian-controlled) tractors
- manufacture of mowers, including lawnmowers
- manufacture of agricultural self-loading or self-unloading trailers or semi-trailers
- manufacture of agricultural machinery for soil preparation, planting or fertilizing:
 - ploughs, manure spreaders, seeders, harrows etc.
- manufacture of harvesting or threshing machinery:
 - harvesters, threshers, sorters etc.
- manufacture of milking machines
- manufacture of spraying machinery for agricultural use
- manufacture of diverse agricultural machinery:
 - poultry-keeping machinery, bee-keeping machinery, equipment for preparing fodder etc.
 - machines for cleaning, sorting or grading eggs, fruit etc.

This class excludes:

- *manufacture of non-power-driven agricultural hand tools, see 2893*
- *manufacture of conveyors for farm use, see 2915*
- *manufacture of power-driven hand tools, see 2922*
- *manufacture of cream separators, see 2925*
- *manufacture of machinery to clean, sort or grade seed, grain or dried leguminous vegetables, see 2925*
- *manufacture of road tractors for semi-trailers, see 3410*
- *manufacture of road trailers or semi-trailers, see 3420*

2922 Manufacture of machine tools

This class includes:

- manufacture of machine tools for working metals and other materials (wood, bone, stone, hard rubber, hard plastics, cold glass etc.), including those using a laser beam, ultrasonic waves, plasma arc, magnetic pulse etc.
- manufacture of machine tools for turning, drilling, milling, shaping, planning, boring, grinding etc.
- manufacture of stamping or pressing machine tools
- manufacture of punch presses, hydraulic presses, hydraulic brakes, drop hammers, forging machines etc.
- manufacture of draw-benches, thread rollers or machines for working wires
- manufacture of machines for nailing, stapling, glueing or otherwise assembling wood, cork, bone, hard rubber or plastics etc.
- manufacture of gas or electric welding, brazing or soldering machines
- manufacture of hand tools, with self-contained electric or non-electric motor or pneumatic drive
- manufacture of rotary or rotary percussion drills, chainsaws, filing machines, riveters, sheet metal cutters etc.
- manufacture of presses for the manufacture of particle board and the like

This class also includes:

- manufacture of parts and accessories for the machine tools listed above: work holders, dividing heads and other special attachments for machine tools

This class excludes:

- *manufacture of interchangeable tools for hand tools or machine tools (drills, punches, dies, taps, milling cutters, turning tools, saw blades, cutting knives etc.), see 2893*
- *manufacture of machinery used in metal mills or foundries, see 2923*
- *manufacture of machinery for mining and quarrying, see 2924*

2923 Manufacture of machinery for metallurgy

This class includes:

- manufacture of machines and equipment for handling hot metals:
 - converters, ingot moulds, ladles, casting machines
- manufacture of metal-rolling mills and rolls for such mills

This class excludes:

- *manufacture of draw-benches, see 2922*
- *manufacture of moulding boxes and moulds (except ingot moulds), see 2929*
- *manufacture of machines for forming foundry moulds, see 2929*

2924 Manufacture of machinery for mining, quarrying and construction

This class includes:

- manufacture of continuous-action elevators and conveyors for underground use
 - manufacture of boring, cutting, sinking and tunnelling machinery (whether or not for underground use)
 - manufacture of machinery for treating minerals by screening, sorting, separating, washing, crushing etc.
 - manufacture of concrete and mortar mixers
 - manufacture of earth-moving machinery:
 - bulldozers, angle-dozers, graders, scrapers, levellers, mechanical shovels, shovel loaders etc.
 - manufacture of piledrivers and pile-extractors, mortar spreaders, bitumen spreaders, concrete surfacing machinery etc.
 - manufacture of tracklaying tractors and tractors used in construction or mining
 - manufacture of bulldozer and angle-dozer blades
- This class excludes:*
- *manufacture of lifting and handling equipment, see 2915*
 - *manufacture of other tractors, see 2921, 3410*
 - *manufacture of machine tools for working stone, including machines for splitting or clearing stone, see 2922*
 - *manufacture of concrete-mixer lorries, see 3410*

2925 Manufacture of machinery for food, beverage and tobacco processing

This class includes:

- manufacture of agricultural dryers
- manufacture of machinery for the dairy industry:
 - cream separators
 - milk processing machinery (homogenizers and irradiators)
 - milk converting machinery (butter chums, butter workers and moulding machines)
 - cheese-making machines (homogenizers, moulders, presses) etc.
- manufacture of machinery for the grain milling industry:
 - machinery to clean, sort or grade seeds, grain or dried leguminous vegetables (winnowers, sieving belts, separators, grain brushing machines etc.)
 - machinery to produce flour and meal etc. (grinding mills, feeders, sifters, bran cleaners, blenders, rice hullers, pea splitters)
- manufacture of presses, crushers etc. used to make wine, cider, fruit juices etc.
- manufacture of machinery for the bakery industry or for making macaroni, spaghetti or similar products:
 - bakery ovens, dough mixers, dough-dividers, moulders, slicers, cake depositing machines etc.
- manufacture of machines and equipment to process diverse foods:
 - machinery to make confectionery, cocoa or chocolate; to manufacture sugar; for breweries; to process meat or poultry, to prepare fruit, nuts or vegetables; to prepare fish, shellfish or other seafood
 - machinery for filtering and purifying
 - other machinery for the industrial preparation or manufacture of food or drink
- manufacture of machinery for the extraction or preparation of animal or vegetable fats or oils
- manufacture of machinery for the preparation of tobacco and for the making of cigarettes or cigars, or for pipe or chewing tobacco or snuff
- manufacture of machinery for the preparation of food in hotels and restaurants

This class excludes:

- *manufacture of packing, wrapping and weighing machinery, see 2919*
- *manufacture of cleaning, sorting or grading machinery for eggs, fruit or other crops (except seeds, grains and dried leguminous vegetables), see 2921*

2926 Manufacture of machinery for textile, apparel and leather production

This class includes:

- manufacture of textile machinery:
 - machines for preparing, producing, extruding, drawing, texturing or cutting man-made textile fibres, materials or yarns
 - machines for preparing textile fibres: cotton gins, bale breakers, garnetters, cotton spreaders, wool scouters, wool carbonizers, combs, carders, roving frames etc.
 - spinning machines
 - machines for preparing textile yarns: reelers, warpers and related machines
 - weaving machines (looms), including hand looms
 - knitting machines
 - machines for making knotted net, tulle, lace, braid etc.

- manufacture of auxiliary machines or equipment for textile machinery:
 - dobbies, jacquards, automatic stop motions, shuttle changing mechanisms, spindles and spindle flyers etc.
 - manufacture of machinery for fabric processing:
 - machinery for washing, bleaching, dyeing, dressing, finishing, coating or impregnating textile fabrics
 - manufacture of machines for reeling, unreeling, folding, cutting or pinking textile fabrics
 - manufacture of laundry machinery:
 - ironing machines, including fusing presses
 - commercial washing and drying machines
 - dry-cleaning machines
 - manufacture of sewing machines, sewing machine heads and sewing machine needles (whether or not for household use)
 - manufacture of machines for producing or finishing felt or non-wovens
 - manufacture of leather machines:
 - 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
- This class excludes:*
- *manufacture of paper or paperboard cards for use on jacquard machines, see 2109*
 - *manufacture of ironing machines of the calender type, see 2919*
 - *manufacture of machines used in bookbinding, see 2929*
 - *manufacture of textile printing machinery, see 2929*
 - *manufacture of domestic washing and drying machines, see 2930*

2927 Manufacture of weapons and ammunition

This class includes:

- manufacture of tanks and other fighting vehicles
- manufacture of heavy weapons (artillery, mobile guns, rocket launchers, torpedo tubes, heavy machine guns)
- manufacture of small arms (revolvers, shotguns, light machine guns)
- manufacture of air or gas guns and pistols
- manufacture of war ammunition
- manufacture of military ballistic and guided missiles

This class also includes:

- manufacture of hunting, sporting or protective firearms and ammunition
- manufacture of explosive devices such as bombs, mines and torpedoes

This class excludes:

- *manufacture of percussion caps, detonators or signalling flares, see 2429*
- *manufacture of cutlasses, swords, bayonets etc., see 2893*
- *manufacture of armoured vehicles for the transport of banknotes or valuables, see 3410*

2929 Manufacture of other special-purpose machinery

This class includes manufacture of special-purpose machinery not elsewhere classified.

This class includes:

- manufacture of machinery for making paper pulp
- manufacture of paper and paperboard making machinery
- manufacture of dryers for wood, paper pulp, paper or paperboard
- manufacture of machinery producing articles of paper or paperboard
- manufacture of machinery for working soft rubber or plastics or for the manufacture of products of these materials:
 - extruders, moulders, pneumatic tyre making or retreading machines and other machines for making a specific rubber or plastic product
- manufacture of printing and bookbinding machines and machines for activities supporting printing, including machines for printing on textiles and other materials
- manufacture of moulding boxes for any material; mould bases; moulding patterns; moulds (except ingot moulds)
- machinery for producing tiles, bricks, shaped ceramic pastes, pipes, graphite electrodes, blackboard chalk, foundry moulds etc.
- manufacture of semi-conductor manufacturing machinery
- manufacture of industrial robots for multiple uses
- manufacture of diverse special machinery and equipment:

- machines to assemble electric or electronic lamps, tubes (valves) or bulbs
- machines for production or hot-working of glass or glassware, glass fibre or yarn
- machinery or apparatus for isotopic separation
- manufacture of industrial clothes dryers

This class excludes:

- *manufacture of machinery or equipment to work hard rubber, hard plastics or cold glass, see 2922*
- *manufacture of ingot moulds, see 2923*
- *manufacture of household appliances, see 2930*
- *manufacture of photocopy machines etc., see 3000*

293 Manufacture of domestic appliances n.e.c.

2930 Manufacture of domestic appliances n.e.c.

This class includes:

- manufacture of domestic electric appliances:
 - refrigerators and freezers, dishwashers, washing and drying machines, vacuum cleaners, floor polishers, waste disposers, grinders, blenders, juice squeezers, tin openers, electric shavers, electric toothbrushes, knife sharpeners, ventilating or recycling hoods
- manufacture of domestic electrothermic appliances:
 - electric water heaters; electric blankets, electric dryers, combs, brushes, curlers; electric smoothing irons; space heaters and household-type fans; electric ovens, microwave ovens, cookers, hotplates, toasters, coffee or tea makers, frypans, roasters, grills, hoods, electric heating resistors etc.
- manufacture of domestic non-electric cooking and heating equipment:
 - non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, plate warmers

This class excludes:

- *manufacture of industrial or commercial equipment, see groups 291 and 292*
- *manufacture of industrial refrigeration and freezing equipment, see 2919*
- *manufacture of machinery for the preparation of food in commercial kitchens, see 2925*
- *manufacture of commercial washing and drying machines, see 2926*
- *manufacture of sewing machines, see 2926*

30 Manufacture of office, accounting and computing machinery

The manufacture of office machinery (e.g. photocopiers, cash registers etc.) and computer equipment (e.g. computers, word processors and peripherals) is considered to include installation, but not maintenance (725), software design (722) or the manufacture of electronic components (321).

300 Manufacture of office, accounting and computing machinery

3000 Manufacture of office, accounting and computing machinery

This class includes:

- manufacture of manual or electric typewriters
- manufacture of word-processing machines
- manufacture of hectograph or stencil duplicating machines, addressing machines and sheet-fed office-type offset printing machines
- manufacture of calculating machines, cash registers, postage franking machines, special terminals for issuing of tickets and reservations etc.
- manufacture of photocopy machines
- manufacture of automatic data processing machines, including microcomputers:
 - digital machines
 - analog machines
 - hybrid machines
- manufacture of peripheral units:
 - terminals, printers, plotters etc.
 - input devices: keyboards, mice, joysticks, pens and graphic tablets etc.
 - magnetic or optical readers and writers
 - computer storage devices
- manufacture of diverse office machinery or equipment:

•machines that sort, wrap or count coins; automatic banknote dispensers; machines that stuff envelopes, sort mail; pencil sharpening machines; perforating or stapling machines etc.

This class excludes:

- *manufacture of electronic components found in computing machinery, see 3210*
- *manufacture of electronic games, see 3694*
- *repair and maintenance of computer systems, see 7250*

31 Manufacture of electrical machinery and apparatus n.e.c.

This division includes the manufacture of products that generate, distribute and store electrical power. Also included is the manufacture of electrical lighting and signalling equipment.

This division excludes the manufacture of electronics products (division 32) and electric household appliances (division 29).

311 Manufacture of electric motors, generators and transformers

3110 Manufacture of electric motors, generators and transformers

This class includes:

- manufacture of alternating current (AC) motors or generators
- manufacture of direct current (DC) motors or generators
- manufacture of universal AC/DC motors
- manufacture of AC or DC generator sets
- manufacture of electric rotary or static converters
- manufacture of electrical transformers

This class excludes:

- *manufacture of vehicle generators and cranking motors, see 3190*
- *manufacture of diodes, see 3210*

312 Manufacture of electricity distribution and control apparatus

3120 Manufacture of electricity distribution and control apparatus

This class includes:

- manufacture of electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits:
 - switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs, junction boxes, relays, sockets, lamp holders
- manufacture of electric control or distribution boards, panels, consoles, desks, cabinets and other bases

This class also includes:

- manufacture of boards and panels equipped with devices classified in class 3312

This class excludes:

- *manufacture of parts of these apparatus, made of moulded plastics, glass or ceramic material, see 2520, 2610, 2691*
- *manufacture of fuse wire or strip, see 2720*
- *manufacture of carbon or graphite electrodes, see 3190*
- *manufacture of boards, panels, consoles etc. for use in line telephony or line telegraphy, see 3220*

313 Manufacture of insulated wire and cable

3130 Manufacture of insulated wire and cable

This class includes:

- manufacture of insulated wire, cable, strip and other insulated conductors, whether or not fitted with connectors
- manufacture of optical fibre cables for coded data transmission: telecommunications, video, control, data etc.

This class excludes:

- *manufacture of uninsulated non-ferrous metal wire, see 2720*

- *manufacture of uninsulated metal cable or insulated cable not capable of being used as a conductor of electricity, see 2899*
- *manufacture of wiring sets, see 3190*
- *manufacture of optical fibres and optical fibre cables for live transmission of images: endoscopy, lighting, live images, see 3320*

314 Manufacture of accumulators, primary cells and primary batteries

3140 Manufacture of accumulators, primary cells and primary batteries

This class includes:

- manufacture of primary cells and primary batteries
- cells containing manganese dioxide, mercuric dioxide, silver oxide etc.
- manufacture of electric accumulators, including parts thereof:
 - separators, containers, covers
 - lead-acid, nickel-cadmium, nickel-iron accumulators etc.

315 Manufacture of electric lamps and lighting equipment

3150 Manufacture of electric lamps and lighting equipment

This class includes:

- manufacture of electric filament or discharge lamps:
 - ultraviolet or infrared lamps
 - arc lamps
 - flashbulbs, flash cubes etc.
- manufacture of electric lamps and lighting fittings:
 - chandeliers, table, desk, bedside or floor-standing lamps, even non-electric
 - portable electric lamps
 - illuminated signs and nameplates etc., including neon signs
 - outdoor and road lighting
 - lighting sets of a kind used for Christmas trees

This class also includes:

- manufacture of non-electric lighting equipment:
 - gas lamps
 - miners' carbide lights
- manufacture of lighting equipment for vehicles, except motor vehicles and cycles

This class excludes:

- *manufacture of lighting equipment for motor vehicles and cycles, see 3190*
- *manufacture of electronic discharge lamps and photo flash apparatus, see 3320*

319 Manufacture of other electrical equipment n.e.c.

3190 Manufacture of other electrical equipment n.e.c.

This class includes:

- manufacture of electrical ignition or starting equipment for internal combustion engines: ignition magnetos, magneto-dynamos, ignition coils, sparking plugs, glow plugs, starter motors, generators (dynamos, alternators), voltage regulators etc.
- manufacture of wiring sets and wiring harnesses
- manufacture of windscreen wipers and electrical defrosters and demisters for motor vehicles and motorcycles
- manufacture of defrosters and demisters with electrical resistors for aircraft, ships, trains etc.
- manufacture of dynamos for cycles
- manufacture of electrical lighting and sound or visual signalling equipment for cycles and motor vehicles: lamps, horns, sirens etc.
- manufacture of electrical signalling, safety or traffic control equipment for motorways, roads or streets, railways and tramways, inland waterways, ports and harbours and airports
- manufacture of diverse electrical sound or visual signalling apparatus:
 - bells, sirens, indicator panels, burglar and fire alarms etc.

- manufacture of electromagnets, including electromagnetic or permanent magnet chucks, clutches, brakes, couplings, clamps or lifting heads
- manufacture of electrical insulators and insulating fittings, except of glass or ceramics
- manufacture of insulating fittings for electrical machines or equipment, except of ceramics or plastics
- manufacture of carbon or graphite electrodes
- manufacture of electrical conduit tubing and joints for such tubing, of base metal lined with insulating material
- manufacture of diverse electrical machines and apparatus:
 - particle accelerators, signal generators, mine detectors etc.

This class excludes:

- manufacture of glass envelopes for lamps, see 2610
- manufacture of hand-held electrically operated spray guns, see 2919
- manufacture of electric lawnmowers, see 2921
- manufacture of electric household appliances, see 2930
- manufacture of electronic valves and tubes (including cold cathode valves), see 3210
- manufacture of electrically operated hand-held medical or dental instruments, see 3311

32 Manufacture of radio, television and communication equipment and apparatus

This division covers the manufacture of electronic equipment for broadcasting and transmission, data communications equipment, receivers, recorders and reproduction equipment. The division covers all intermediate products from professional equipment to that for the general public. It should be pointed out that the installation and repair of professional equipment are also covered by this division. On the other hand, the repair of household equipment falls under 5260, and the installation of wiring, aerials or alarms falls under construction (4530).

321 Manufacture of electronic valves and tubes and other electronic components

3210 Manufacture of electronic valves and tubes and other electronic components

This class includes:

- manufacture of thermionic, cold cathode or photocathode valves or tubes:
 - television picture tubes, television camera tubes, image converters and intensifiers, microwave tubes, receiver or amplifier valves or tubes etc.
- manufacture of diodes, transistors and similar semiconductor devices
- manufacture of photosensitive semiconductor devices, including photovoltaic cells and single solar cells
- manufacture of mounted piezoelectric crystals
- manufacture of electronic integrated circuits and micro-assemblies:
 - monolithic integrated circuits, hybrid integrated circuits and electronic micro-assemblies of moulded module, micromodule or similar types
- manufacture of printed circuit boards, bare boards
- manufacture of electrical capacitors (or condensers), including power capacitors
- manufacture of resistors, including rheostats and potentiometers
- manufacture of electronic components for use on printed circuits, except transformers
- manufacture of liquid crystal displays (LCDs)

This class excludes:

- manufacture of loaded printed circuit assemblies (classified in the same class as the manufacture of the complete machine)
- manufacture of transformers, see 3110
- manufacture of switches, see 3120

322 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy

3220 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy

This class includes:

- manufacture of apparatus for television transmission, including manufacture of relay transmitters and television transmitters for industrial use
- manufacture of television cameras

- manufacture of transmission apparatus for radio-broadcasting
 - manufacture of transmission apparatus for radio-telephony:
 - fixed transmitters and transmitter-receivers, radio-telephony apparatus for transport equipment, radio-telephones, other transponders etc.
 - manufacture of apparatus for line telephony:
 - telephone sets, fax machines, automatic and non-automatic switchboards and exchanges, telex and teleprinter apparatus etc.
 - manufacture of mobile telephones
 - manufacture of data communications equipment:
 - routers, gateways, hubs, bridges
- This class also includes:
- installation of telecommunications equipment
- This class excludes:*
- *manufacture of electronic components, see 3210*
 - *installation of electrical or telecommunications wiring in buildings, see 4530*
 - *repair of mobile telephones, see 5260*

323 Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods

3230 Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods

This class includes:

- manufacture of television receivers, including video monitors and video projectors
- manufacture of video recording or reproducing apparatus, including camcorders
- manufacture of digital cameras
- manufacture of radio-broadcasting receivers
- manufacture of magnetic tape recorders and other sound recording apparatus, including telephone answering machines, cassette-type recorders etc.
- manufacture of turntables (record decks), record players, cassette players
- manufacture of CD players, DVD players etc.
- manufacture of microphones, loudspeakers, headphones, earphones, amplifiers and sound amplifier sets
- manufacture of specialized parts for equipment in this class:
 - pick-ups, tone arms, sound-heads, tables for turntables, aerials, aerial reflectors and aerial rotors, cable converters, TV decoders

This class also includes:

- manufacture of sound electro-acoustic apparatus, conference systems, portable sound systems

This class excludes:

- *publishing and reproduction of pre-recorded audio and video discs and tapes, see groups 221 and 223, 9211*
- *manufacture of prepared unrecorded media, see 2429*

33 Manufacture of medical, precision and optical instruments, watches and clocks

This division covers not only scientific and technical instruments (e.g. electro-diagnostic apparatus, avionic equipment etc.) but also photographic and cinematographic equipment, industrial process control equipment, and personal goods (e.g. watches, spectacles etc.).

This division also includes the installation and repair of such industrial equipment, although the repair of personal goods falls under group 526.

331 Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments

3311 Manufacture of medical and surgical equipment and orthopaedic appliances

This class includes:

- manufacture of instruments and appliances used for medical, surgical, dental or veterinary purposes:
 - electro-diagnostic apparatus such as electrocardiographs, ultrasonic diagnostic equipment, scintillation scanners, nuclear magnetic resonance apparatus, dental drill engines, sterilizers, ophthalmic instruments
- manufacture of syringes, needles used in medicine

- manufacture of mirrors, reflectors, endoscopes etc.
 - manufacture of apparatus based on the use of X-rays or alpha, beta or gamma radiation, whether or not for use in human or animal medicine:
 - X-ray tubes, high-tension generators, control panels, desks, screens etc.
 - manufacture of medical, surgical, dental or veterinary furniture:
 - operating tables, hospital beds with mechanical fittings, dentists' chairs, barbers' chairs
 - manufacture of mechanotherapy appliances, massage apparatus, psychological testing apparatus, ozone therapy, oxygen therapy, artificial respiration apparatus, gas masks etc.
- This class also includes:
- manufacture of orthopaedic appliances:
 - crutches, surgical belts and trusses, splints, artificial teeth, artificial limbs and other artificial parts of the body, hearing aids, pacemakers, orthopaedic shoes etc.
- This class excludes:*
- *manufacture of surgical dressings, medicated wadding, fracture bandages etc., see 2423*
 - *manufacture of cement used in dentistry, see 2423*
 - *manufacture of thermometers, see 3312*
 - *manufacture of corrective spectacle lenses and of their frames or of optical microscopes, see 3320*
 - *denture fitting by dentists or spectacles fitting by optometrists, see 8512, 8519*

3312 Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment

This class includes:

- manufacture of laboratory-type sensitive balances
- manufacture of drawing, marking-out or mathematical calculating instruments:
 - measuring rods and tapes, micrometers, callipers and gauges etc.
- manufacture of microscopes other than optical microscopes and diffraction apparatus
- manufacture of apparatus for measuring and checking electrical quantities:
 - oscilloscopes, spectrum analyzers, crosstalk meters, instruments for checking current, voltage, resistance etc.
- manufacture of apparatus for measuring or checking non-electrical quantities:
 - radiation detectors and counters, apparatus for testing and regulating vehicle motors etc.
- manufacture of navigational, meteorological, geophysical and related instruments and apparatus:
 - surveying instruments, oceanographic or hydrologic instruments, seismometers, range-finders, automatic pilots, sextants, ultrasonic sounding instruments etc.
 - air navigation instruments and systems, radar apparatus, radio navigational aid apparatus
- manufacture of electricity supply meters and supply meters for water, gas, petrol etc.
- manufacture of machines and appliances for testing the mechanical properties of materials
- manufacture of instruments and apparatus for carrying out physical or chemical analyses:
 - polarimeters, photometers, refractometers, colorimeters, spectrometers, pH-meters, viscometers, surface tension instruments etc.
- manufacture of instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases:
 - flow meters, level gauges, manometers, heat meters etc.
- manufacture of diverse measuring, checking or testing instruments, apparatus or machines:
 - hydrometers, thermometers, barometers, revolution counters, taximeters, pedometers, tachometers, balancing machines, test benches, comparators etc.
- manufacture of automatic regulating or controlling instruments and apparatus (except industrial process control equipment):
 - thermostats, pressure controller, humidity regulators
 - regulators of electrical quantities

This class excludes:

- *manufacture of pumps incorporating measuring devices, see 2912*
- *manufacture of medical and surgical instruments, see 3311*
- *manufacture of industrial process control equipment, see 3313*
- *manufacture of binoculars, monoculars and similar optical devices, see 3320*
- *manufacture of optical microscopes, see 3320*

3313 Manufacture of industrial process control equipment

This class includes:

- manufacture of instruments and apparatus used for automatic continuous measurement and control of variables such as temperature, pressure, viscosity and the like of materials or products as they are being manufactured or otherwise processed

332 Manufacture of optical instruments and photographic equipment

3320 Manufacture of optical instruments and photographic equipment

This class includes:

- manufacture of optical elements mounted or not:

- prisms, lenses, optical mirrors, colour filters, polarizing elements etc. of glass or other material
- optical fibres and optical fibre cables for live transmission of images: endoscopy, lighting, live images
- spectacle lenses and contact lenses
- spectacle frames and frames fitted with lenses, whether or not the lenses are optically worked: sunglasses, protective glasses, corrective glasses etc.
- unworked optical elements other than of glass

- manufacture of optical instruments:

- optical microscopes, equipment for microphotography and microprojection, magnifying glasses, reading glasses, thread counters etc.
- binoculars, sight telescopes, telescopic sights and observation telescopes, astronomical equipment etc.
- lasers, excluding laser diodes etc.
- mounted, optically worked glass mirrors, door eyes etc.

- manufacture of photographic and cinematographic equipment:

- cameras
- image projectors, enlargers and reducers
- cinematographic projectors, including those incorporating sound reproducing apparatus
- photo flash apparatus
- apparatus and equipment for photographic and cinematographic laboratories, apparatus for the projection of circuit patterns on sensitized semiconductor materials, projection screens *This class excludes:*

- *manufacture of photochemical products, see 2429*

- *manufacture of unworked glass optical elements, see 2610*

- *manufacture of photocopy machines, see 3000*

- *manufacture of optical fibre cables for coded data transmission, see 3130*

- *manufacture of photographic flashbulbs, see 3150*

- *manufacture of television cameras, see 3220*

- *manufacture of video cameras, see 3230*

- *manufacture of medical and surgical instruments containing optical elements (e.g. endoscopes), see 3311*

- *manufacture of microscopes other than optical, see 3312*

- *manufacture of measuring or checking appliances containing optical elements, see 3312*

333 Manufacture of watches and clocks

3330 Manufacture of watches and clocks

This class includes:

- manufacture of watches and clocks of all kinds, including instrument panel clocks; watch and clock cases, including cases of precious metals

- manufacture of time-recording equipment and equipment for measuring, recording and otherwise displaying intervals of time with a watch or clock movement or with synchronous motor, e.g. parking meters, process timers

- manufacture of time switches and other releases with a watch or clock movement or with synchronous motor

- manufacture of components for clocks and watches:

- movements of all kinds for watches and clocks
 - springs, jewels, dials, hands, plates, bridges and other parts
- manufacture of metal watch straps, watch bands and watch bracelets, including those of precious metal

This class excludes:

- *manufacture of non-metallic watch bands, see 1912*

34 Manufacture of motor vehicles, trailers and semi-trailers

This class includes the manufacture of motor vehicles for transporting people or goods. The manufacture of various parts and accessories, as well as manufacture of trailers and semi-trailers, is included here. The maintenance and repair of vehicles produced in this division are classified in 5020.

341 Manufacture of motor vehicles

3410 Manufacture of motor vehicles

This class includes:

- manufacture of passenger cars
- manufacture of commercial vehicles:
 - vans, lorries, over-the-road tractors for semi-trailers etc.
- manufacture of buses, trolley-buses and coaches
- manufacture of motor vehicle engines
- manufacture of chassis fitted with engines
- manufacture of other motor vehicles:
 - snowmobiles, golf carts, amphibious vehicles
 - fire engines, street sweepers, travelling libraries, armoured cars etc.
 - concrete-mixer lorries

This class excludes:

- *manufacture of agricultural tractors, see 2921*
- *manufacture of tractors used in construction or mining, see 2924*
- *manufacture of electrical parts for motor vehicles, see 3190*
- *manufacture of bodies for motor vehicles, see 3420*
- *manufacture of parts and accessories for motor vehicles, see 3430*
- *maintenance, repair and alteration of motor vehicles, see 5020*

342 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers

3420 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers

This class includes:

- manufacture of bodies, including cabs for motor vehicles
- outfitting of all types of motor vehicles, trailers and semi-trailers
- manufacture of trailers and semi-trailers:
 - for transport of goods: tankers, removal trailers etc.
 - for transport of passengers: caravan trailers etc.
- manufacture of containers for carriage by one or more modes of transport

This class excludes:

- *manufacture of trailers and semi-trailers specially designed for use in agriculture, see 2921*
- *manufacture of parts and accessories of bodies for motor vehicles, see 3430*
- *manufacture of vehicles drawn by animals, see 3599*

343 Manufacture of parts and accessories for motor vehicles and their engines

3430 Manufacture of parts and accessories for motor vehicles and their engines

This class includes:

- manufacture of diverse parts and accessories for motor vehicles:
 - brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalysers, clutches, steering wheels, steering columns and steering boxes
- manufacture of parts and accessories of bodies for motor vehicles:
 - safety belts, airbags, doors, bumpers

This class also includes:

- manufacture of inlet and exhaust valves of internal combustion engines

This class excludes:

- *manufacture of pumps for motor vehicles and engines, see 2912*
- *manufacture of batteries for vehicles, see 3140*
- *manufacture of electrical equipment for motor vehicles, see 3190*
- *maintenance, repair and alteration of motor vehicles, see 5020*

35 Manufacture of other transport equipment

351 Building and repairing of ships and boats

3511 Building and repairing of ships

This class includes the building and repairing of ships, except vessels for sports or recreation, and construction and repair of floating structures.

This class includes:

- building of commercial vessels: passenger vessels, ferry-boats, cargo ships, tankers, tugs etc.
- building of warships
- building of fishing boats and fish-processing factory vessels

This class also includes:

- construction of hovercraft (except recreation-type hovercraft)
- construction of drilling platforms, floating or submersible
- 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 sections for ships and floating structures

This class excludes:

- *manufacture of parts of vessels, other than major hull assemblies:*
 - manufacture of sails, see 1721*
 - manufacture of ships' propellers, see 2899*
 - manufacture of iron or steel anchors, see 2899*
 - manufacture of marine engines, see 2911*
- *manufacture of navigational instruments, see 3312*
- *manufacture of amphibious motor vehicles, see 3410*
- *manufacture of inflatable boats or rafts for recreation, see 3512*
- *ship-breaking, see 3710*

3512 Building and repairing of pleasure and sporting boats

This class includes:

- manufacture of inflatable boats and rafts
- building of sailboats with or without auxiliary motor
- building of motor boats
- building of recreation-type hovercraft
- building of other pleasure and sporting boats:
 - canoes, kayaks, rowing boats, skiffs
- maintenance, repair or alteration of pleasure boats

This class excludes:

- *manufacture of parts of pleasure and sporting boats:*
 - manufacture of sails, see 1721*
 - manufacture of iron or steel anchors, see 2899*
 - manufacture of marine engines, see 2911*
- *manufacture of sailboards, see 3693*

352 Manufacture of railway and tramway locomotives and rolling stock

3520 Manufacture of railway and tramway locomotives and rolling stock

This class includes:

- manufacture of electric, diesel, steam and other rail locomotives
- manufacture of self-propelled railway or tramway coaches, vans and trucks, maintenance or service vehicles
- 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.
- 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.

This class also includes:

- manufacture of mechanical and electromechanical signalling, safety and traffic control equipment for railways, tramways, roads, inland waterways, parking facilities or airfields

This class excludes:

- *manufacture of unassembled rails, see 2710*

- *manufacture of engines and turbines, see 2911*

- *manufacture of electric motors, see 3110*

- *manufacture of electrical signalling, safety or traffic-control equipment, see 3190*

353 Manufacture of aircraft and spacecraft

3530 Manufacture of aircraft and spacecraft

This class includes:

- manufacture of aeroplanes for the transport of goods or passengers, for use by the defence forces, for sport or other purposes

- manufacture of helicopters

- manufacture of gliders, hang-gliders

- manufacture of dirigibles and balloons

- manufacture of spacecraft and spacecraft launch vehicles, satellites, planetary probes, orbital stations, shuttles

- manufacture of parts and accessories of the aircraft of this class:

•major assemblies such as fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles etc.

•airscrews, helicopter rotors and propelled rotor blades

•motors and engines of a kind typically found on aircraft

•parts of turbojets and turbopropellers for aircraft

- manufacture of aircraft launching gear, deck arresters etc.

- manufacture of ground flying trainers

This class also includes:

- maintenance, repair and alteration of aircraft or aircraft engines

This class excludes:

- *manufacture of parachutes, see 1721*

- *manufacture of military ballistic missiles, see 2927*

- *manufacture of ignition parts and other electrical parts for internal combustion engines, see 3190*

- *manufacture of aircraft instrumentation and aeronautical instruments, see 3312*

- *manufacture of air navigation systems, see 3312*

359 Manufacture of transport equipment n.e.c.

3591 Manufacture of motorcycles

This class includes:

- manufacture of motorcycles, mopeds and cycles fitted with an auxiliary engine

- manufacture of engines for motorcycles

- manufacture of sidecars

- manufacture of parts and accessories for motorcycles

This class excludes:

- *manufacture of bicycles, see 3592*

- *manufacture of invalid carriages, see 3592*

3592 Manufacture of bicycles and invalid carriages

This class includes:

- manufacture of non-motorized bicycles and other cycles, including delivery tricycles, tandems, children's bicycles

- manufacture of parts and accessories of bicycles

- manufacture of invalid carriages with or without motor

- manufacture of parts and accessories of invalid carriages

This class excludes:

- *manufacture of bicycles with auxiliary motor, see 3591*
- *manufacture of children's cycles other than bicycles, see 3694*

3599 Manufacture of other transport equipment n.e.c.

This class includes:

- manufacture of wheelbarrows, luggage trucks, handcarts, sledges etc.
- manufacture of vehicles drawn by animals

36 Manufacture of furniture; manufacturing n.e.c.

It should be noted that division 36 is a residual division. The usual criteria for grouping classes into divisions have not been applied here.

Repair of products from division 36 generally fall under group 526 (Repair of personal and household goods), except repair of office furniture, musical instruments, professional sports equipment, automatic bowling alley equipment and the like.

361 Manufacture of furniture

3610 Manufacture of furniture

This class covers manufacture of furniture of any kind, any material (except stone, concrete or ceramic) for any place and various purposes.

This class includes:

- manufacture of chairs and seats for offices, workrooms, hotels, restaurants, public and domestic premises
- manufacture of chairs and seats for theatres, cinemas and the like
- manufacture of chairs and seats for transport equipment
- manufacture of sofas, sofasets and sofa sets
- manufacture of garden chairs and seats
- manufacture of special furniture for shops: counters, display cases, shelves etc.
- manufacture of office furniture
- manufacture of furniture for churches, schools, restaurants
- manufacture of kitchen furniture
- manufacture of furniture for bedrooms, living rooms, gardens etc.
- manufacture of cabinets for sewing machines, televisions etc.

This class also includes:

- restoring of furniture
- finishing such as upholstery of chairs and seats
- finishing of furniture such as spraying, painting, French polishing and upholstering
- manufacture of mattress supports
- manufacture of mattresses:
 - mattresses fitted with springs or stuffed or internally fitted with a supporting material
 - uncovered cellular rubber or plastic mattresses

This class excludes:

- *manufacture of pillows, pouffes, cushions, quilts and eiderdowns, see 1721*
- *manufacture of inflatable rubber mattresses, see 2519*
- *manufacture of furniture of ceramics, concrete and stone, see 2691, 2695, 2696*
- *manufacture of lighting fittings or lamps, see 3150*
- *manufacture of medical, surgical, dental or veterinary furniture, see 3311*

369 Manufacturing n.e.c.

3691 Manufacture of jewellery and related articles

This class includes:

- manufacture of coins, including coins for use as legal tender, whether or not of precious metal
- production of worked pearls
- production of precious and semi-precious stones in the worked state. Included is the working of industrial quality stones and synthetic or reconstructed precious or semi-precious stones

- working of diamonds
- manufacture of jewellery of precious metal or of base metals 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
- manufacture of goldsmiths' articles of precious metals or of base metals clad with precious metals:
 - dinnerware, flatware, hollowware, toilet articles, office or desk articles, articles for religious use etc.
- manufacture of technical or laboratory articles of precious metal (except instruments and parts thereof): crucibles, spatulas, electroplating anodes etc.

This class excludes:

- *manufacture of articles of base metal plated with precious metal, see division 28*
- *manufacture of watch cases and metal straps, see 3330*
- *manufacture of imitation jewellery, see 3699*

3692 Manufacture of musical instruments

This class includes:

- manufacture of stringed instruments
- manufacture of keyboard stringed instruments, including automatic pianos
- manufacture of keyboard pipe organs, including harmoniums and similar keyboard instruments with free metal reeds
- manufacture of accordions and similar instruments, including mouth organs
- manufacture of wind instruments
- manufacture of percussion musical instruments
- manufacture of musical instruments, the sound of which is produced electronically
- manufacture of musical boxes, fairground organs, calliopes etc.
- manufacture of instrument parts and accessories:
 - metronomes, tuning forks, pitch pipes, cards, discs and rolls for automatic mechanical instruments etc.

This class also includes:

- manufacture of whistles, call horns and other mouth-blown sound signalling instruments
- restoring of organs and other historic musical instruments

This class excludes:

- *publishing and reproduction of pre-recorded sound and video tapes and discs, see groups 221 and 223, 9211*
- *manufacture of microphones, amplifiers, loudspeakers, headphones and similar components, see 3230*
- *manufacture of record players, tape recorders and the like, see 3230*
- *manufacture of toy instruments, see 3694*
- *piano tuning, see 5260*

3693 Manufacture of sports goods

This class includes:

- manufacture of articles and equipment for sports, outdoor and indoor games, of any material:
 - hard, soft and inflatable balls
 - rackets, bats and clubs
 - skis, bindings and poles
 - sailboards
 - requisites for sport fishing, including landing nets
 - requisites for hunting, mountain climbing etc.
 - leather sports gloves and sports headgear
 - ice skates, roller skates etc.
 - bows and crossbows
 - gymnasium, fitness centre or athletic equipment

This class excludes:

- *manufacture of boat sails, see 1721*
- *manufacture of sports clothing, see 1810*
- *manufacture of saddlery and harness, see 1912*
- *manufacture of sports footwear, see 1920*
- *manufacture of weapons and ammunition, see 2927*
- *manufacture of sports vehicles other than toboggans and the like, see divisions 34 and 35*
- *manufacture of boats, see 3512*

- *manufacture of billiard tables and bowling equipment, see 3694*
- *manufacture of whips and riding crops, see 3699*

3694 Manufacture of games and toys

This class includes manufacture of games and toys of any material:

- manufacture of dolls and doll garments and accessories
- manufacture of toy animals
- manufacture of wheeled toys designed to be ridden, including tricycles
- manufacture of toy musical instruments
- manufacture of articles for funfair, table or parlour games
- manufacture of playing cards
- manufacture of pin-tables, coin-operated games, billiards, special tables for casino games, automatic bowling alley equipment etc.
- manufacture of electronic games: video game consoles, chess etc.
- manufacture of reduced-size ("scale") models and similar recreational models, electrical trains, construction sets etc.
- manufacture of puzzles etc.

This class excludes:

- *manufacture of bicycles, see 3592*
- *manufacture of festive, carnival or other entertainment articles, see 3699*
- *writing and publishing of software for video game consoles, see 7221, 7229*

3699 Other manufacturing n.e.c.

This class includes:

- manufacture of brooms and brushes, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather dusters, paint brushes, paint pads and rollers, squeegees and other brushes, brooms, mops etc.
- manufacture of shoe and clothes brushes
- manufacture of pens and pencils of all kinds whether or not mechanical
- manufacture of pencil leads
- manufacture of date, sealing or numbering stamps, hand-operated devices for printing, or embossing labels, hand printing sets, prepared typewriter ribbons and inked pads
- manufacture of baby carriages
- manufacture of umbrellas, sun-umbrellas, walking sticks, seat-sticks, whips, riding crops, buttons, press-fasteners, snap-fasteners, press-studs, slide fasteners
- manufacture of cigarette lighters and matches
- manufacture of articles of personal use: smoking pipes, combs, hair slides, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows
- manufacture of roundabouts, swings, shooting galleries and other fairground amusements
- manufacture of linoleum and hard non-plastic surface floor coverings
- manufacture of imitation jewellery
- manufacture of miscellaneous articles: candles, tapers and the like, artificial flowers, fruit and foliage, jokes and novelties, hand sieves and hand riddles; tailors' dummies, burial caskets etc.
- taxidermy activities

This class excludes:

- *manufacture of lighter wicks, see 1729*

37 Recycling

This division includes:

- processing of waste and scrap and other articles, whether used or not, into secondary raw material. A transformation process is required, either mechanical or chemical. It is typical that, in terms of commodities, input consists of waste and scrap, the input being sorted or unsorted but normally unfit for further direct use in an industrial process, whereas the output is made fit for direct use in an industrial manufacturing process. The resulting secondary raw material is to be considered an intermediate good, with a value, but is not a final new product.

This division excludes:

- manufacture of new final products from (whether or not self-manufactured) secondary raw material, see divisions 14 to 36
- wholesale of waste and scrap, including collecting, sorting, separating, stripping of used goods such as cars in order to obtain reusable parts, (re-)packing, storage and delivery, but without a real transformation process, see divisions 50, 51 and 52
- wholesale or retail sale of second-hand goods, see divisions 50 and 51, 5240
- treatment of waste, not for further use in an industrial manufacturing process, but with the aim of disposal, see 9000

371 Recycling of metal waste and scrap

3710 Recycling of metal waste and scrap

This class includes:

- processing of metal waste and scrap and of metal articles into secondary raw material. Examples of mechanical or chemical transformation processes are:
 - mechanical crushing of metal waste such as used cars, washing machines, bikes etc. with subsequent sorting and separation
 - mechanical reduction of large iron pieces such as railway wagons
 - shredding of metal waste, end-of-life vehicles etc.
 - other methods of mechanical treatment as cutting, pressing to reduce the volume
- ship-breaking

This class excludes:

- manufacture of new final metals or new final metal products from (whether or not self-manufactured) secondary metal raw materials, see divisions 27 and 28
- car dismantling sites, demolition of machinery, computers in order to obtain reusable parts etc., including trade in second-hand spare parts, see divisions 50, 51 and 52
- disposal of used goods such as refrigerators to eliminate harmful waste, see 9000

372 Recycling of non-metal waste and scrap

3720 Recycling of non-metal waste and scrap

This class includes:

- processing of non-metal waste and scrap and of non-metal articles into secondary raw material. Examples of transformation processes are:
 - reclaiming of rubber such as used tires to produce secondary raw material
 - sorting and pelleting of plastics to produce secondary raw material for tubes, flower pots, pallets and the like
 - processing (cleaning, melting, grinding) of plastic or rubber waste to granulates
 - reclaiming of chemicals from chemical waste
 - crushing, cleaning and sorting of glass
 - crushing, cleaning and sorting of other waste such as demolition waste to obtain secondary raw material
 - mechanical crushing and grinding of waste from the construction and demolition of buildings (including wood), asphalt
 - processing of used cooking oils and fats into secondary raw materials for pet food or feed for farm animals
 - processing of other food, beverage and tobacco waste and residual substances into secondary raw material
 - reclaiming metals out of photographic waste, e.g. fixer solution or photographic films and paper

This class excludes:

- production of new final products from (whether or not self-manufactured) secondary raw materials such as spinning of yarn from garnetted stock or making pulp from waste paper or retreading tyres. Such activities should be classified in the appropriate class of manufacturing, see divisions 14 to 36
- treatment of food residual substances to manufacture food products, see division 15
- treatment of slaughter waste to produce animal feeds, see 1533
- reprocessing of nuclear fuels and treatment of nuclear waste, see 2330
- composting of organic waste, see 2412
- wholesale in non-metal waste and scrap, including collecting, sorting, packing, dealing etc., but without a real transformation process, see 5149
- wholesale or retail sale trade in second-hand goods, see division 50 and 51, 5240
- incineration, dumping, burying etc. of waste, see 9000
- treatment and disposal of transition radioactive waste from hospitals etc., see 9000

- *treatment and disposal of toxic, contaminated waste, see 9000*
- *disposal of food, beverages and tobacco waste, see 9000*

E Electricity, gas and water supply

This section covers the activity of providing electric power, natural gas, steam supply, and water supply through a permanent infrastructure (network) of lines, mains and pipes. The dimension of the network is not decisive; also included are electricity, gas, steam and water supply and the like in industrial parks or blocks of flats.

Production, infrastructure management, and supplying end-users may be handled by the same or a different unit. Units engaged in the supply of electricity and/or gas and/or steam and hot water and/or water have to be classified according to their principal activity.

40 Electricity, gas, steam and hot water supply

401 Production, transmission and distribution of electricity

4010 Production, transmission and distribution of electricity

This class includes:

- operation of generation facilities that produce electric energy; including thermal, nuclear, hydroelectric, gas turbine, diesel and renewable
- operation of transmission systems that convey the electricity from the generation facility to the distribution system;
- operation of distribution systems (i.e., consisting of lines, poles, meters, and wiring) that convey electric power received from the generation facility or the transmission system to the final consumer
- sale of electricity to the user
- activities of electric power brokers or agents that arrange the sale of electricity via power distribution systems operated by others.

402 Manufacture of gas; distribution of gaseous fuels through mains

4020 Manufacture of gas; distribution of gaseous fuels through mains

This class includes:

- production of gas for the purpose of gas supply by carbonation of coal, from by-products of agriculture or from waste
- manufacture of gaseous fuels with a specified calorific value, by purification, blending and other processes from gases of various types including natural gas
- transportation, distribution and supply of gaseous fuels of all kinds through a system of mains
- sale of gas to the user through mains
- activities of gas brokers or agents that arrange the sale of gas over gas distribution systems operated by others

This class excludes:

- *operation of coke ovens, see 2310*
- *manufacture of refined petroleum products, see 2320*
- *manufacture of industrial gases, see 2411*
- *bulk sale of gaseous fuels, or its sale in canisters (see 5110, 5141, 5239 and group 525)*
- *transportation of gases by pipelines (other than mains), see 6030*

403 Steam and hot water supply

4030 Steam and hot water supply

This class includes:

- production, collection and distribution of steam and hot water for heating, power and other purposes

This class also includes:

- production and distribution of chilled water or ice for cooling purposes

41 Collection, purification and distribution of water

410 Collection, purification and distribution of water

4100 Collection, purification and distribution of water

This class also includes:

- purification of water for water supply purposes
- desalting of sea water to produce water as the principal product of interest

This class excludes:

- irrigation system operation for agricultural purposes, see 0140
- (long-distance) transport of water via pipelines, see 6030
- treatment of waste water in order to prevent pollution, see 9000

F Construction

45 Construction

This division includes general construction and special trade construction for buildings and civil engineering, building installation and building completion. It includes new work, repair, additions and alterations, the erection of prefabricated buildings or structures on the site and also construction of a temporary nature.

General construction is the construction of entire dwellings, office buildings, stores and other public and utility buildings, farm buildings etc., or the construction of heavy constructions such as motorways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, sports facilities etc. This work can be carried out on own account or on a fee or contract basis. Portions of the work and sometimes even the whole practical work can be subcontracted out to trade contractors.

Special trade construction includes the construction of parts of buildings and civil engineering works or preparation therefor. It is usually specialized in one aspect common to different structures, requiring specialized skills or equipment. Activities such as pile-driving, foundation work, water well drilling, carcass work, concrete work, bricklaying, stone setting, scaffolding, roof covering etc., are covered. The erection of steel structures is included provided that the parts are not produced by the same unit. Special trade construction is carried out mostly under subcontract, but in repair construction especially it is done directly for the owner of the property.

Building installation activities include the installation of all kind of utilities that make the construction function as such. These activities are usually performed at the site of the construction, although parts of the job may be carried out in a special shop. Included are activities such as plumbing, installation of heating and air-conditioning systems, antennas, alarm systems and other electrical work, sprinkler systems, elevators and escalators etc. Also included are insulation work (water, heat, sound), sheet metal work, commercial refrigerating

work, the installation of illumination and signalling systems for roads, railways, airports, harbours etc. Also included is repair of the same type as the above-mentioned installation activities.

Building completion encompasses activities that contribute to the completion or finishing of a construction such as glazing, plastering, painting and decorating, floor and wall tiling or covering with other materials like parquet, carpets, wallpaper etc., floor sanding, finish carpentry, acoustical work, cleaning of the exterior etc. Also included is repair of the same type as the above-mentioned activities.

This division excludes:

- manufacture of building materials, see sections C and D
- erecting or installing industrial equipment, see section D (e.g. installation of industrial furnaces, turbines etc.)
- erection of complete prefabricated buildings or structures from self-manufactured parts, which is classified in the relevant category in manufacturing, depending on the material chiefly used, except if the chief material is concrete, in which case it remains classified here
- erection of metal structures from self-manufactured parts, see 2811
- installation of self-manufactured carpentry or joinery, which is classified in the relevant category in manufacturing, depending on the material used (e.g. wood, see 2022)
- architectural and engineering activities, 7421
- project management for constructions, see 7421
- landscape planning and design, lawn and garden installation and maintenance and tree surgeons' activities, see 0140
- construction activities directly related to extraction of oil and natural gas, see 1120. (However, the construction of buildings, roads etc., on the mining site remains in this class.)
- cleaning of windows, inside as well as outside, chimneys, boilers, interiors etc., see 7493

451 Site preparation

4510 Site preparation

This class includes:

- demolition or wrecking of buildings and other structures
- clearing of building sites
- earth moving: excavation, landfill, levelling and grading of construction sites, trench digging, rock removal, blasting etc.
- stripping work of contaminated topsoil as part of construction activities
- site preparation for mining:
 - overburden removal and other development and preparation of mineral properties and sites, except oil and gas sites
- test drilling, test boring and core sampling for construction, geophysical, geologic or similar purposes

This class also includes:

- building site drainage
- drainage of agricultural or forestry land
- clearing of mines and the like (including detonation) from construction sites

This class excludes:

- *drilling of production oil or gas wells, see 1110 (when on own account) or 1120 (when on a fee or contract basis)*
- *water well drilling, see 4520*
- *shaft sinking, see 4520*
- *oil and gas field exploration, geophysical, geologic and seismic surveying, see 7421*
- *decontamination of soil, see 9000*

452 Building of complete constructions or parts thereof; civil engineering

4520 Building of complete constructions or parts thereof; civil engineering

This class includes:

- construction of all types of buildings
- construction of civil engineering constructions:
 - bridges, including those for elevated highways, viaducts, tunnels and subways
 - long-distance pipelines, communication and power lines
 - urban pipelines, urban communication and power lines; ancillary urban works
- construction of:
 - waterways, harbour and river works, pleasure ports (marinas), locks etc.
 - dams and dykes
 - sewer systems, including repair
- construction of motorways, streets, roads, other vehicular and pedestrian ways
- construction of railways
- construction of airfield runways
- construction work, other than on buildings, for stadiums, swimming pools, gymnasiums, tennis courts, golf courses and other sports installations
- assembly and erection of prefabricated constructions on the site
- erection of roofs
- roof covering
- surface work on elevated motorways, bridges and tunnels
- installation of crash barriers, traffic signs and the like
- dredging
- subsurface work
- construction activities specializing in one aspect common to different kind of structures, requiring specialized skill or equipment:
 - construction of foundations, including pile driving
 - water well drilling and construction, shaft sinking
 - erection of non-self-manufactured steel elements
 - steel bending
 - bricklaying and stone setting
 - scaffolds and work platform erecting and dismantling, including renting of scaffolds and work platforms
 - erection of chimneys and industrial ovens

•work with specialist access requirements necessitating climbing skills and the use of related equipment, e.g. working at height on tall structures

This class also includes:

- development on own account involving construction

This class excludes:

- *service activities incidental to oil and gas extraction, see 1120*

- *erection of complete prefabricated constructions from self-manufactured parts not of concrete, see divisions 20, 26 and 28*

- *preliminary earth moving, see 4510*

- *building installation, see 4530*

- *building completion, see 4540*

- *architectural and engineering activities, see 7421*

- *project management for construction, see 7421*

- *renting of scaffolds without erection and dismantling, see 7122*

453 Building installation

4530 Building installation

This class includes:

- installation in buildings or other construction projects of:

•electrical wiring and fittings

•telecommunications wiring

•electrical heating systems, including electric solar energy collector residential antennas and aerials

•fire alarms

•burglar alarm systems

•lifts and escalators

•lightning conductors etc.

- installation in buildings or other construction projects of:

•thermal, sound or vibration insulation

•plumbing and sanitary equipment

•gas fittings

•heating, ventilation, refrigeration or air-conditioning equipment and ducts

•non-electric solar energy collectors

•sprinkler systems

- installation of illumination and signalling systems for roads, railways, airports and harbours

- installation in buildings or other construction projects of fittings and fixtures n.e.c.

- general technical repair and maintenance of building installations

This class excludes:

- *installation of telecommunication systems, see 3220*

454 Building completion

4540 Building completion

This class includes:

- application in buildings or other construction projects of interior and exterior plaster or stucco, including related lathing materials

- installation of not self-manufactured doors, windows, door and window frames, fitted kitchens, staircases, shop fittings and the like, of wood or other materials

- interior completion such as ceilings, wooden wall coverings, movable partitions etc.

- laying, tiling, hanging or fitting in buildings or other construction projects of:

•ceramic, concrete or cut stone wall or floor tiles, ceramic stove fitting

•parquet and other wood floor coverings

•carpets and linoleum floor coverings, including of rubber or plastic

•terrazzo, marble, granite or slate floor or wall coverings

•wallpaper

- interior and exterior painting of buildings

- painting of civil engineering structures

- installation of glass, mirrors etc.

- installation of private swimming pools
- steam cleaning, sandblasting and similar activities for building exteriors
- cleaning of new buildings after construction
- other building completion and finishing work n.e.c.

This class excludes:

- *installation of self-manufactured carpentry or joinery, which is classified in the relevant category in manufacturing, depending on the material used (e.g. if made of wood, see 2022)*
- *interior cleaning of buildings and other structures, see 7493*
- *activities of interior decoration designers, see 7499*

455 Renting of construction or demolition equipment with operator

4550 Renting of construction or demolition equipment with operator

This class includes:

- renting of cranes, with operator
- renting of bulldozers, mortar spreaders, concrete surfacing machinery etc. with operator

This class excludes:

- *renting of construction or demolition machinery and equipment without operators, see 7122*

G Wholesale and retail trade; repair of motor vehicles, motorcycles and personal and household goods

This section includes wholesale and retail sale (sale without transformation) of any type of goods, and rendering services incidental to the sale of merchandise. Wholesaling and retailing are the final steps in the distribution of merchandise. Also included in this section are the repair of motor vehicles and the installation and repair of personal and household goods.

Sale without transformation is considered to include the usual operations (*or manipulations*) associated with trade, for example sorting, grading and assembling of goods, mixing (blending) of goods (for example wine or sand), bottling (with or without preceding bottle cleaning), packing, breaking bulk and repacking for distribution in smaller lots, storage (whether or not frozen or chilled), cleaning and drying of agricultural products, cutting out of wood fibreboards or metal sheets on own account.

Wholesale is the resale (sale without transformation) of new and used goods to retailers, to industrial, commercial, institutional or professional users, or to other wholesalers, or involves acting as an agent or broker in buying merchandise for, or selling merchandise to, such persons or companies. The principal types of businesses included are merchant wholesalers, i.e. wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, exporters, importers, and cooperative buying associations, sales branches and sales offices (but not retail stores) that are maintained by manufacturing or mining units apart from their plants or mines for the purpose of marketing their products and that do not merely take orders to be filled by direct shipments from the plants or mines. Also included are merchandise and commodity brokers, commission merchants and agents and assemblers, buyers and cooperative associations engaged in the marketing of farm products. Wholesalers frequently physically assemble, sort and grade goods in large lots, break bulk, repack and redistribute in smaller lots, for example pharmaceuticals; store, refrigerate, deliver and install goods, engage in sales promotion for their customers and label design.

Retailing is the resale (sale without transformation) of new and used goods mainly to the general public for personal or household consumption or utilization, by shops, department stores, stalls, mail-order houses, hawkers and peddlers, consumer cooperatives, auction houses etc. Most retailers take title to the goods they sell, but some act as agents for a principal and sell either on consignment or on a commission basis.

50 Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel

This division includes:

- all activities (except manufacture and renting) related to motor vehicles and motorcycles, including lorries and trucks:

- wholesale and retail sale of new and second-hand vehicles
- maintenance and repair
- wholesale and retail sale of parts and accessories
- activities of commission agents involved in wholesale or retail sale of vehicles
- washing, polishing and towing of vehicles etc.

This division also includes:

- retail sale of automotive fuel and lubricating or cooling products

This division excludes:

- *renting of motor vehicles and motorcycles without driver, see 7111*

- *renting of private cars with drivers, see 6022*

- *renting of trucks with driver, see 6023*

501 Sale of motor vehicles

5010 Sale of motor vehicles

This class includes:

- wholesale and retail sale of new and used vehicles:

• passenger motor vehicles, including specialized passenger motor vehicles such as ambulances and minibuses etc.

• lorries, trailers and semi-trailers

• camping vehicles such as caravans and motor homes

This class also includes:

- wholesale and retail sale of off-road motor vehicles (jeeps etc.)

- wholesale and retail sale by commission agents

- car auctioning

This class excludes:

- *wholesale and retail sale of parts and accessories for motor vehicles, see 5030*

502 Maintenance and repair of motor vehicles

5020 Maintenance and repair of motor vehicles

This class includes:

- maintenance and repair of motor vehicles:

• mechanical repairs

• electrical repairs

• electronic injection systems repair

• ordinary servicing

• bodywork repair

• repair of motor vehicle parts

• washing, polishing etc.

• spraying and painting

• repair of screens and windows

• repair of seats

- tyre and tube repair, fitting or replacement

- anti-rust treatment

- installation of parts and accessories not as part of the manufacturing process

- towing

- roadside assistance

This class excludes:

- *retreading and rebuilding of tyres, see 2511*

503 Sale of motor vehicle parts and accessories

5030 Sale of motor vehicle parts and accessories

This class includes:

- wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles (when not combined with sale of motor vehicles)

504 Sale, maintenance and repair of motorcycles and related parts and accessories

5040 Sale, maintenance and repair of motorcycles and related parts and accessories

This class includes:

- wholesale and retail sale of motorcycles, including mopeds
- wholesale and retail sale, including mail order, of parts and accessories for motorcycles
- activities of commission agents
- maintenance and repair of motorcycles

This class excludes:

- *sale, maintenance and repair of bicycles and related parts and accessories, see 5110, 5139, 5239, 5260*

505 Retail sale of automotive fuel

5050 Retail sale of automotive fuel

This class includes:

- retail sale of fuel for motor vehicles, motorcycles etc.:

- motor spirit
- gasoline
- petrol
- liquefied petroleum gas

This class also includes:

- retail sale of similar fuels used in boats
- retail sale of lubricating products and cooling products for motor vehicles

This class excludes:

- *wholesale of fuels, see 5141*
- *retail sale of liquefied petroleum gas for cooking or heating, see 5239*

51 Wholesale trade and commission trade, except of motor vehicles and motorcycles

This division includes:

- resale (sale without transformation) of new and used goods to retailers, to industrial, commercial, institutional or professional users, or to other wholesalers; or acting as agent in buying merchandise for, or selling merchandise to, such persons or companies:

- activities of wholesale merchants, jobbers, industrial distributors, exporters, importers, co-operative buying associations, merchandise and commodity brokers, commission merchants and agents and assemblers, buyers and cooperative associations engaged in the marketing of farm products

This division also includes:

- the usual manipulations involved in wholesale such as assembling, sorting and grading of goods in large lots, breaking bulk, repacking and bottling, redistribution in smaller lots, e.g. pharmaceuticals; storage, refrigeration, delivery and installation of goods on own account
- packing of solid goods and bottling of liquid or gaseous goods, including blending and filtering on own account

This division excludes:

- *wholesale of motor vehicles, caravans and motorcycles, see 5010, 5040*
- *wholesale of motor accessories, see 5030, 5040*
- *renting and leasing of goods, see division 71*
- *packing of solid goods and bottling of liquid or gaseous goods, including blending and filtering for third parties, see 7495*

511 Wholesale on a fee or contract basis

5110 Wholesale on a fee or contract basis

This class includes:

- activities of commission agents, commodity brokers and all other wholesalers who trade on behalf and on the account of others
- activities of those involved in bringing sellers and buyers together or undertaking commercial transactions on behalf of a principal, including on the Internet

This class also includes:

- activities of wholesale auctioneering houses

This class excludes:

- *wholesale trade in own name, see 512 to 519*
- *retail sale by agents, see division 52*
- *activities of insurance agents, see 6720*
- *activities of real estate agents, see 7020*

512 Wholesale of agricultural raw materials, live animals, food, beverages and tobacco

5121 Wholesale of agricultural raw materials and live animals

This class includes:

- wholesale of grains and seeds
- wholesale of oleaginous fruits
- wholesale of flowers and plants
- wholesale of unmanufactured tobacco
- wholesale of live animals
- wholesale of hides and skins
- wholesale of leather
- wholesale of agricultural material, waste, residues and by-products used for animal feed

This class excludes:

- *wholesale of textile fibres, see 5149*

5122 Wholesale of food, beverages and tobacco

This class includes:

- wholesale of fruit and vegetables
- wholesale of dairy products
- wholesale of eggs and egg products
- wholesale of edible oils and fats of animal or vegetable origin
- wholesale of meat and meat products
- wholesale of fishery products
- wholesale of sugar, chocolate and sugar confectionery
- wholesale of bakery products
- wholesale of beverages
- wholesale of coffee, tea, cocoa and spices
- wholesale of tobacco products

This class also includes:

- buying of wine in bulk and bottling without transformation
- wholesale of feed for pet animals

This class excludes:

- *blending of wine or distilled spirits, see 1551*

513 Wholesale of household goods

5131 Wholesale of textiles, clothing and footwear

This class includes:

- wholesale of yarn
- wholesale of fabrics
- wholesale of household linen etc.
- wholesale of haberdashery: needles, sewing thread etc.
- wholesale of clothing, including sports clothes
- wholesale of clothing accessories such as gloves, ties and braces
- wholesale of footwear
- wholesale of fur articles
- wholesale of umbrellas

This class excludes:

- *wholesale of jewellery and leather goods, see 5139*

- wholesale of textile fibres, see 5149

5139 Wholesale of other household goods

This class includes:

- wholesale of household furniture
- wholesale of household appliances
- wholesale of lighting equipment
- wholesale of cutlery
- wholesale of glassware and woodenware
- wholesale of wallpaper and floor coverings
- wholesale of pharmaceutical and medical goods
- wholesale of perfumeries, cosmetics and soaps
- wholesale of bicycles and their parts and accessories
- wholesale of stationery, books, magazines and newspapers, photographic and optical goods, leather goods and travel accessories, watches, clocks and jewellery, musical instruments, games and toys, sports goods, woodenware, wickerwork and corkware etc.

This class excludes:

- wholesale of office furniture, see 5159

514 Wholesale of non-agricultural intermediate products, waste and scrap

5141 Wholesale of solid, liquid and gaseous fuels and related products

This class also includes:

- wholesale of automotive fuels, greases, lubricants, oils etc.

5142 Wholesale of metals and metal ores

This class includes:

- wholesale of ferrous and non-ferrous metal ores
- wholesale of ferrous and non-ferrous metals in primary forms
- wholesale of ferrous and non-ferrous semi-finished metal products n.e.c.
- wholesale of gold and other precious metals

This class excludes:

- wholesale of waste and scrap, see 5149

5143 Wholesale of construction materials, hardware, plumbing and heating equipment and supplies

This class includes:

- wholesale of wood in the rough
- wholesale of products of primary processing of wood
- wholesale of paint and varnish
- wholesale of construction materials:
 - sand, gravel
- wholesale of flat glass
- wholesale of hardware and locks
- wholesale of fittings and fixtures
- wholesale of hot water heaters
- wholesale of sanitary equipment:
 - baths, washbasins, toilets and other sanitary porcelain
- wholesale of sanitary installation equipment:
 - tubes, pipes, fittings, taps, T-pieces, connections, rubber pipes etc.
- wholesale of tools such as hammers, saws, screwdrivers and other hand tools

5149 Wholesale of other intermediate products, waste and scrap

This class includes:

- wholesale of industrial chemicals:

•aniline, printing ink, essential oils, industrial gases, chemical glues, colouring matter, synthetic resin, methanol, paraffin, scents and flavourings, soda, industrial salt, acids and sulphurs, starch derivatives etc.

- wholesale of fertilizers and agrochemical products
- wholesale of plastic materials in primary forms
- wholesale of rubber
- wholesale of textile fibres etc.
- wholesale of paper in bulk
- wholesale of precious stones
- wholesale of metal and non-metal waste and scrap and materials for recycling, including collecting, sorting, separating, stripping of used goods such as cars in order to obtain reusable parts, packing and repacking, storage and delivery, but without a real transformation process. Additionally, the purchased and sold waste have a remaining value.
- dismantling of end-of-life vehicles (dismantling of cars; wholesale in car wrecks; sale of parts from car wrecks to private persons and professional users).

This class excludes:

- *processing of waste and scrap and other articles into secondary raw material when a real transformation process is required. The resulting secondary raw material is fit for direct use in an industrial manufacturing process and is not a final product, see 3710 and 3720*
- *ship-breaking, see 3710*
- *shredding of cars by means of a mechanical process, see 3710*
- *retail sale of second-hand goods, see 5240*
- *treatment of waste, not for a further use in an industrial manufacturing process, but with the aim of disposal, see 9000*
- *collection and treatment of household and industrial waste, see 9000*

515 Wholesale of machinery, equipment and supplies

5151 Wholesale of computers, computer peripheral equipment and software

This class includes:

- wholesale of computers and computer peripheral equipment
- wholesale of software

This class excludes:

- *wholesale of electronic parts, see 5152*
- *wholesale of copy machines and other office equipment, see 5159*
- *wholesale of computer-controlled machinery, see 5159*

5152 Wholesale of electronic and telecommunications parts and equipment

This class includes:

- wholesale of electronic valves and tubes
- wholesale of semiconductor devices
- wholesale of microchips and integrated circuits
- wholesale of printed circuits
- wholesale of blank audio and video tapes and diskettes, magnetic and optical disks
- wholesale of telephone and communications equipment

This class excludes:

- *wholesale of computers and computer peripheral equipment, see 5151*

5159 Wholesale of other machinery, equipment and supplies

This class includes:

- wholesale of office machinery and equipment, except computers and computer peripheral equipment
- wholesale of office furniture
- wholesale of transport equipment except motor vehicles, motorcycles and bicycles
- wholesale of production-line robots
- wholesale of wires and switches and other installation equipment for industrial use
- wholesale of other electrical material such as electrical motors, transformers
- wholesale of other machinery n.e.c. for use in industry, trade and navigation and other services

This class also includes:

- wholesale of computer-controlled machine tools
- wholesale of computer-controlled machinery for the textile industry and of computer-controlled sewing and knitting machines
- wholesale of measuring instruments and equipment
- wholesale of lawnmowers however operated

This class excludes:

- *wholesale of motor vehicles, trailers and caravans, see 5010*
- *wholesale of motor vehicle parts, see 5030*
- *wholesale of motorcycles, see 5040*
- *wholesale of bicycles, see 5139*
- *wholesale of computers and peripheral equipment, see 5151*
- *wholesale of electronic parts and telephone and communications equipment, see 5152*

519 Other wholesale

5190 Other wholesale

This class includes:

- specialized wholesale not covered in one of the previous categories
- wholesale of a variety of goods without any particular specialization

52 Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods

This division includes the resale (sale without transformation) of new and used goods mainly to the general public for personal or household consumption or utilization, by shops, department stores, stalls, mail-order houses, hawkers and peddlers, consumer cooperatives etc. Retail trade is classified first by type of sale outlet (retail trade in stores: groups 521 to 524; retail trade not in stores: group 525). Retail trade in stores is further subdivided into retail sale of new goods (groups 521 to 523) and retail sale of used goods (group 524). For retail sale of new goods in stores, there exists a further distinction between specialized retail sale (groups 522 to 523) and non-specialized retail sale (group 521). The above groups are further subdivided by the range of products sold. Sale not via stores lists the forms of trade (e.g. mail order, markets, door-to-door, by vending machines etc.).

The goods sold in this division are for obvious reasons limited to the so-called consumer goods and therefore exclude goods not normally entering retail trade, such as cereal grains, ores, industrial machinery and equipment etc.

This division also includes establishments engaged in selling to the general public, from displayed merchandise, products such as typewriters, stationery, paint or lumber, although these sales may not be for personal or household goods.

Some processing of goods may be involved, but only incidental to selling.

This division also includes the retail sale by commission agents, activities of retail auctioning houses and the repair and installation of personal or household goods whether or not done in combination with retail sale.

This division excludes:

- *sale of farmers' products by farmers, see division 01*
- *manufacture and sale of goods (e.g. food), which is generally classified as manufacturing in divisions 15-37*
- *sale of motor vehicles, motorcycles and their parts and of fuel for these articles, see division 50*
- *trade in cereal grains, ores, crude petroleum, industrial chemicals, iron and steel and industrial machinery and equipment, see division 51*
- *sale of food and drinks for consumption on the premises and sale of takeaway food, see 5520*
- *renting and hiring of personal and household goods to the general public, see 7130*

521 Non-specialized retail trade in stores

5211 Retail sale in non-specialized stores with food, beverages or tobacco predominating

This class includes stores engaged in:

- retail sale of a large variety of goods of which, however, food products, beverages or tobacco should be predominant:

•activities of general stores that have, apart from their main sales of food products, beverages or tobacco, several other lines of merchandise such as wearing apparel, furniture, appliances, hardware, cosmetics etc.

5219 Other retail sale in non-specialized stores

This class includes stores engaged in:

- retail sale of a large variety of goods of which food products, beverages or tobacco are not predominant
- activities of department stores carrying a general line of merchandise, including wearing apparel, furniture, appliances, hardware, cosmetics, jewellery, toys, sports goods etc.

522 Retail sale of food, beverages and tobacco in specialized stores

5220 Retail sale of food, beverages and tobacco in specialized stores

This class includes stores specialized in the sale of any the following merchandise lines:

- fresh or preserved fruit and vegetables
- dairy products and eggs
- meat and meat products (including poultry)
- fish, other seafood and products thereof
- bakery products
- sugar confectionery
- beverages (not for consumption on the premises)
- tobacco products
- other food products

523 Other retail trade of new goods in specialized stores

This group includes stores that are specialized in the retail sale of specific lines of products.

5231 Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles

This class includes stores specialized in:

- retail sale of pharmaceuticals
- retail sale of medical and orthopaedic goods
- retail sale of perfumery and cosmetic articles

5232 Retail sale of textiles, clothing, footwear and leather goods

This class includes stores specialized in:

- retail sale of fabrics
- retail sale of knitting yarn
- retail sale of basic materials for rug, tapestry or embroidery making
- retail sale of textiles
- retail sale of haberdashery: needles, sewing thread etc.
- retail sale of articles of clothing
- retail sale of articles of fur
- retail sale of clothing accessories such as gloves, ties, braces etc.
- retail sale of footwear
- retail sale of leather goods
- retail sale of travel accessories of leather and leather substitutes

5233 Retail sale of household appliances, articles and equipment

This class includes stores specialized in:

- retail sale of household furniture
- retail sale of articles for lighting
- retail sale of household utensils and cutlery, crockery, glassware, china and pottery
- retail sale of curtains and net curtains
- retail sale of household articles of textile materials

- retail sale of wood, cork goods and wickerwork goods
- retail sale of household articles and equipment n.e.c.
- retail sale of household appliances
- retail sale of radio and television equipment and other household audio-visual equipment
- retail sale of musical records, audio and video tapes, compact discs and cassettes
- retail sale of musical instruments and scores

This class excludes:

- retail sale of cork floor tiles, see 5239
- retail sale of antiques, see 5240
- renting of tapes and records, see 7130

5234 Retail sale of hardware, paints and glass

This class includes stores specialized in:

- retail sale of hardware
- retail sale of paints, varnishes and lacquers
- retail sale of flat glass
- retail sale of other building material such as bricks, wood, sanitary equipment
- retail sale of do-it-yourself material and equipment

This class also includes:

- retail sale of lawnmowers, however operated
- retail sale of saunas

5239 Other retail sale in specialized stores

This class includes stores specialized in:

- retail sale of office equipment, computers and non-customized software
- retail sale of office supplies such as pens, pencils, paper etc.
- retail sale of books, newspapers and stationery
- retail sale of photographic, optical and precision equipment
- retail sale of telecommunication equipment
- activities of opticians
- retail sale of wallpaper and floor coverings
- retail sale of carpets and rugs
- retail sale of watches, clocks and jewellery
- retail sale of sports goods, fishing gear, camping goods, boats and bicycles
- retail sale of games and toys
- retail sale of flowers, plants, seeds, fertilizers, pet animals and pet food
- retail sale of souvenirs, craftwork and religious articles
- retail sale of household fuel oil, bottled gas, coal and fuelwood
- retail sale of cleaning materials
- retail sale of weapons and ammunition
- retail sale of stamps and coins
- retail sale of non-food products n.e.c.

This class excludes:

- retail sale of second-hand or antique books, see 5240

524 Retail sale of second-hand goods in stores

5240 Retail sale of second-hand goods in stores

This class includes:

- retail sale of second-hand books
- retail sale of other second-hand goods
- retail sale of antiques
- activities of auctioning houses (retail)

This class excludes:

- retail sale of second-hand motor vehicles, see 5010
- activities of Internet auctions and other non-store auctions (retail), see 5259

- *activities of pawn shops, see 6592*

525 Retail trade not in stores

5251 Retail sale via mail order houses

This class includes:

- retail sale of any kind of product by mail order. Goods are sent to the buyer, who made his choice on the basis of advertisements, catalogues, models or any other means of advertising

This class also includes:

- direct sale via television, radio, telephone and Internet

5252 Retail sale via stalls and markets

This class includes:

- retail sale of any kind of product in a usually movable stall either along a public road or at a fixed marketplace

5259 Other non-store retail sale

This class includes:

- retail sale of any kind of product in any way that is not included in previous classes:

•by direct sales or door-to-door sales persons

•through vending machines etc.

- retail sale on a fee or contract basis

- activities of Internet auctions and other non-store auctions (retail)

This class excludes:

- *delivery of new products by stores, see groups 521-523*

526 Repair of personal and household goods

This group includes:

- repair of personal and household goods when not carried out in combination with manufacture, wholesale or retail sale of these goods. If carried out in combination, the repair is included in the retailing, wholesaling or manufacturing activity

This group excludes:

- *repair of motor vehicles and motorcycles, see division 50*

5260 Repair of personal and household goods

This class includes:

- repair of household appliances

- repair of consumer electronics:

•television, radio, video cassette recorders (VCR), CD players etc.

•telephones, including mobile phones

- repair of boots, shoes, luggage and the like

- repair of bicycles

- repair and alteration of clothing

- repair and alteration of jewelry

- repair of watches

- piano-tuning

- “while-you-wait” services

H Hotels and restaurants

55 Hotels and restaurants

The sector comprises units providing customers with short-term lodging and/or preparing meals, snacks, and beverages for immediate consumption. The section includes both accommodation and food services because the two activities are often combined at the same unit. There may be some overlap between activities in section H. A restaurant activity is a specific activity, but may also be implicitly included in lodging. Lodging units provide

lodging or short-term accommodations for travellers, vacationers and others. There is a wide range of units. Some provide lodging only; while others provide meals and recreational facilities, as well as lodging. The type of complementary services provided may vary from unit to unit.

Units belonging to the restaurant group provide complete meals fit for immediate consumption. Those units can be traditional restaurants, self-service or takeaway restaurants as well as permanent or temporary fish-and-chips stands and the like with or without seating. What is decisive is the fact that meals fit for immediate consumption are offered, not the kind of facility providing them. Excluded is the production of meals not fit for immediate consumption, of meals not planned to be consumed immediately and of prepared food that is not considered to be a meal (see division 15). Also excluded is the sale of not self-manufactured food that is not considered to be a meal and of meals that are not fit for immediate consumption (see section G).

551 Hotels; camping sites and other provision of short-stay accommodation

5510 Hotels; camping sites and other provision of short-stay accommodation

This class includes:

- provision of short-stay lodging in:

- hotels, motels and inns
- hotels with conference facilities
- resorts
- holiday chalets, cottages and flats
- student houses, boarding schools
- hostels for migrant workers
- camping space and camping facilities, trailer camps
- other short-stay lodging facilities such as guest houses, farmhouses, youth hostels, mountain refuges (shelters) etc.

This class also includes:

- operation of sleeping cars when carried out by separate units

This class excludes:

- rental of long-stay accommodation, see 7010

- operation of sleeping cars as integrated activities of railway companies or other passenger transport facilities, see 6010

552 Restaurants, bars and canteens

5520 Restaurants, bars and canteens

This class includes:

- sale of meals for consumption generally on the premises, as well as sale of drinks accompanying the meals, possibly accompanied by some form of entertainment, by:

- restaurants
- self-service restaurants such as cafeterias
- fast-food outlets such as burger bars
- takeaway restaurants
- fish-and-chips stands and the like
- ice cream parlours

- sale of drinks for consumption on the premises, possibly accompanied by some form of entertainment, by:

- pubs, bars, nightclubs, beer halls etc.

- sale of meals and drinks, usually at reduced prices to groups of clearly defined persons who are mostly linked by ties of a professional nature:

- activities of sport, factory or office canteens
- activities of school canteens and kitchens
- activities of university dining halls
- activities of messes and canteens for members of the armed forces etc.

This class also includes:

- catering, i.e. activities of contractors supplying meals prepared in a central food preparation unit for consumption on other premises such as the supply of prepared meals to:

- airlines
- “meals on wheels”
- banquets, corporate hospitality

- weddings, parties and other celebrations or functions
- operation of dining cars when carried out by separate units
- restaurant and bar activities on board ships when carried out by separate units

This class excludes:

- sale through vending machines, see 5259
- sale of drinks not for immediate consumption, see division 52
- operation of dining cars as integrated activities of railway companies or other passenger transport facilities, see 6010

I Transport, storage and communications

This section includes:

- activities related to providing passenger or freight transport, whether scheduled or not, by rail, pipeline, road, water or air
- supporting activities such as terminal and parking facilities, cargo handling, storage etc.
- postal activities and telecommunication
- renting of transport equipment with driver or operator

This section excludes:

- major repair or alteration of transport equipment, except motor vehicles, see division 35
- construction, maintenance and repair of roads, railroads, harbours, airfields, see 4520
- maintenance and repair of motor vehicles, see 5020
- renting of transport equipment without driver or operator, see group 711

60 Land transport; transport via pipelines

This division includes the transport of passengers and freight via road and rail, as well as freight transport via pipelines.

601 Transport via railways

6010 Transport via railways

This class includes:

- passenger transport by inter-urban railways
- freight transport by inter-urban, suburban and urban railways

This class also includes:

- related activities such as switching and shunting
- operation of sleeping cars or dining cars as an integrated operation of railway companies

This class excludes:

- operation of sleeping cars or dining cars when operated by separate units, see 5510, 5520
- passenger transport by urban and suburban transit systems, see 6021
- passenger and freight terminal activities, cargo handling, storage and other auxiliary activities, see division 63
- maintenance and minor repair of rolling stock, see 6303
- operation of railroad infrastructure, see 6303

602 Other land transport

6021 Other scheduled passenger land transport

This class includes:

- activities providing urban, suburban or inter-urban transport of passengers on scheduled routes normally following a fixed time schedule, entailing the picking up and setting down of passengers at normally fixed stops. They may be carried out with motor bus, tramway, streetcar, trolley bus, underground and elevated railways etc.

This class also includes:

- operation of school buses, town-to-airport or town-to-station lines, funicular railways, aerial cableways etc.

This class excludes:

- passenger transport by inter-urban railways, see 6010

6022 Other non-scheduled passenger land transport

This class includes:

- other non-scheduled passenger road transport:
- charters, excursions and other occasional coach services
- taxi operation

This class also includes:

- other rental of private cars with operator
- passenger transport by man- or animal-drawn vehicles

This class excludes:

- ambulance transport, *see* 8519

6023 Freight transport by road

This class includes:

- all freight transport operations by road:
- logging haulage
- stock haulage
- refrigerated haulage
- heavy haulage
- bulk haulage, including haulage in tanker trucks including milk collection at farms
- haulage of automobiles
- transport of waste and waste materials, without collection or disposal

This class also includes:

- furniture removal
- renting of trucks with driver
- freight transport by man or animal-drawn vehicles

This class excludes:

- log hauling within the forest, as part of logging operations, *see* 0200
- operation of terminal facilities for handling freight, *see* 6303
- crating and packing services for transport, *see* 6309
- post and courier activities, *see* 641
- waste transport as integrated part of waste collection activities carried out by specialized enterprises, *see* 9000

603 Transport via pipelines

6030 Transport via pipelines

This class includes:

- transport of gases, liquids, water, slurry and other commodities via pipelines

This class also includes:

- maintenance of pipelines
- operation of pump stations

This class excludes:

- distribution of natural or manufactured gas, water or steam, *see* 4020, 4030, 4100

61 Water transport

This division includes the transport of passengers or freight over water, whether scheduled or not. Also included are the operation of towing or pushing boats, excursion, cruise or sightseeing boats, ferries, water taxis etc.

This division excludes restaurant and bar activities on board ships (*see* class 5520), except when delivered as an integral part of transportation.

611 Sea and coastal water transport

6110 Sea and coastal water transport

This class includes:

- transport of passengers or freight over seas and coastal waters, whether scheduled or not:
- operation of excursion, cruise or sightseeing boats
- operation of ferries, water taxis etc.
- transport by towing or pushing of barges, oil rigs etc.
- rental of ships and boats with crew for sea and coastal water transport

This class also includes:

- transport of passengers or freight via great lakes, requiring similar types of vessels
- rental of pleasure boats with crew for sea and coastal water transport

This class excludes:

- *restaurant and bar activities on board ships, except when integral part of transportation, see 5520*
- *cargo handling, storage of freight, harbour operation and other auxiliary activities such as docking, pilotage, lighterage, vessel salvage, see division 63*
- *operation of gambling cruises, see 9249*

612 Inland water transport

6120 Inland water transport

This class includes:

- transport of passenger or freight via rivers, canals, lakes and other inland waterways, including inside harbours and ports

This class also includes:

- rental of pleasure boats with crew for inland water transport

62 Air transport

This division includes:

- transport of passengers or freight by air or via space

This division excludes:

- *crop spraying, see 0140*
- *overhaul of aircraft or aircraft engines, see 3530*
- *aerial advertising, see 7430*
- *aerial photography, see 7494*

621 Scheduled air transport

6210 Scheduled air transport

This class includes:

- transport of passengers or freight by air over regular routes and on regular schedules

This class excludes:

- *regular charter flights, see 6220*

622 Non-scheduled air transport

6220 Non-scheduled air transport

This class includes:

- non-scheduled transport of passengers or freight by air
- scenic and sightseeing flights
- launching of satellites and space vehicles
- space transport of physical goods and passengers

This class also includes:

- regular charter flights
- renting of air-transport equipment with operator

63 Supporting and auxiliary transport activities; activities of travel agencies

This division includes activities related to handling freight immediately before or after transport or between transport segments. The operation and maintenance of all transport facilities are included.

This division also includes activities assisting passengers, such as those of travel agencies.

630 Supporting and auxiliary transport activities; activities of travel agencies

6301 Cargo handling

This class includes:

- loading and unloading of goods or passengers' luggage irrespective of the mode of transport used for transportation
- stevedoring

This class excludes:

- operation of terminal facilities, see 6303

6302 Storage and warehousing

This class includes:

- operation of storage and warehouse facilities for all kind of goods:
 - operation of grain silos, general merchandise warehouses, refrigerated warehouses, storage tanks etc.

This class also includes:

- storage of goods in foreign trade zones

This class excludes:

- parking facilities for motor vehicles, see 6303

6303 Other supporting transport activities

This class includes:

- activities related to land transport of passengers, animals or freight:
 - operation of terminal facilities such as railway stations, bus stations, stations for the handling of goods
 - operation of railroad infrastructure
 - operation of roads, bridges, tunnels, car parks or garages, bicycle parkings
- activities related to water transport of passengers, animals or freight:
 - operation of terminal facilities such as harbours and piers
 - operation of waterway locks etc.
 - navigation, pilotage and berthing activities
 - lighterage, salvage activities
 - lighthouse activities
- activities related to air transport of passengers, animals or freight:
 - operation of terminal facilities such as airway terminals etc.
 - airport and air-traffic-control activities
 - ground service activities on airfields etc.

This class also includes:

- firefighting and fire-prevention services at airports
- maintenance and minor repair of rolling stock

This class excludes:

- cargo handling, see 6301
- operation of flying schools, see 8090
- operation of docking facilities related to pleasure boats (marinas), see 9249

6304 Activities of travel agencies and tour operators; tourist assistance activities n.e.c.

This class includes:

- travel agency activities:
 - furnishing of travel information, advice and planning
 - arranging of made-to-measure tours, accommodation and transportation for travellers and tourists
 - sale of packaged tours etc.
 - furnishing of tickets
- activities of local tourist information offices and accommodation offices
- activities of tourist guides

6309 Activities of other transport agencies

This class includes:

- forwarding of freight
- arranging or organizing of transport operations by road, sea or air
- organization of group and individual consignments (including pickup and delivery of goods and grouping of consignments)
- issue and procurement of transport documents and waybills
- bill auditing and freight rate information
- activities of customs agents
- activities of sea-freight forwarders and air-cargo agents
- brokerage for ship and aircraft space
- goods-handling operations, e.g. temporary crating for the sole purpose of protecting the goods during transit, uncrating, sampling, weighing of goods

This class excludes:

- *courier activities, see 6412*
- *activities related to the arrangement of freight insurance, see 6720*

64 Post and telecommunications

641 Post and courier activities

6411 National post activities

This class includes:

- pickup, transport and delivery (domestic or international) of mail and parcels
- collection of mail and parcels from public letter-boxes or from post offices
- distribution and delivery of mail and parcels
- mailbox rental, poste restante etc.
- mail sorting
- sale of postage stamps

This class excludes:

- *postal giro and postal savings activities and other financial activities carried out in combination with postal activities, see 6519*

6412 Courier activities other than national post activities

This class includes:

- pickup, transport and delivery of letters and mail-type parcels and packages by firms other than national post. One or more modes of transport may be involved and the activity may be carried out with either self-owned (private) transport or via public transport.

This class also includes:

- home delivery services

This class excludes:

- *similar activities carried out by the national postal authority, see 6411*

642 Telecommunications

6420 Telecommunications

This class includes:

- transmission of sound, images, data or other information via cables, broadcasting, relay or satellite:
 - telephone, telegraph and telex communication
 - transmission (transport) of radio and television programmes
- maintenance of the network
- Internet access provision
- public pay-telephone services

This class excludes:

- *dissemination of information through web sites (Internet publishing), see 7240*
- *production of radio and television programmes, whether or not combined with broadcasting, see 9213*

J Financial intermediation

This sector comprises units primarily engaged in financial transactions, i.e. transactions involving the creation, liquidation or change of ownership of financial assets. Also included are insurance and pension funding (division 66) and activities facilitating financial transactions (division 67). Units charged with monetary control, the monetary authorities, are included here.

This sector does not include compulsory social security (see 7530).

65 Financial intermediation, except insurance and pension funding

This division includes:

- the activity of obtaining and redistributing funds other than for the purpose of insurance or pension funding or compulsory social security

Note: National institutional arrangements are likely to play a significant role in determining the classification of units within this division.

Credit-card activities are classified according to type of operator.

651 Monetary intermediation

This group includes:

- the obtaining of funds in the form of transferable deposits, i.e. funds that are fixed in money terms, and obtained on a day-to-day basis and, apart from central banking, from non-financial sources.

6511 Central banking

This class includes:

- taking deposits that are used for clearance between financial institutions
- supervising banking operations
- holding the country's exchange reserves
- issuing and managing the country's currency:
 - monitoring and control of the money supply
- acting as banker to the government

The activities of central banks will vary for institutional reasons.

6519 Other monetary intermediation

This class includes:

- monetary intermediation of monetary institutions other than central banks, such as:
 - banks
 - savings banks
 - discount houses
 - credit unions

This class also includes:

- postal giro and postal savings bank activities
- specialized institutions granting credit for house purchase that also take deposits

This class excludes:

- non-depository institutions granting credit for house purchase, see 6592

659 Other financial intermediation

This group includes:

- financial intermediation other than that conducted by monetary institutions

This class excludes:

- insurance and pension funding, see division 66

6591 Financial leasing

This class includes:

- leasing where the term approximately covers the expected life of the asset and the lessee acquires substantially all the benefits of its use and takes all the risks associated with its ownership. The asset may or may not eventually be transferred.

This class excludes:

- operational leasing, see division 71, according to type of goods leased

6592 Other credit granting

This class includes:

- financial intermediation primarily concerned with making loans by institutions not involved in monetary intermediation:

- granting of consumer credit
- provision of long-term finance to industry
- money lending outside the banking system
- credit granting for house purchase by specialized non-depository institutions
- pawnshops and pawnbrokers

This class excludes:

- credit granting for house purchase by specialized institutions that also take deposits, see 6519

- operational leasing, see division 71, according to type of goods leased

6599 Other financial intermediation n.e.c.

This class includes:

- other financial intermediation primarily concerned with distributing funds other than by making loans:

- investment in securities, e.g. shares, bonds, bills, unit trust units etc.
 - dealing for own account by securities dealers
 - investment in property where this is carried out primarily for other financial intermediaries (e.g. property unit trusts)
 - writing of swaps, options and other hedging arrangements
- activities of financial holding companies

This class excludes:

- financial leasing, see 6591

- security dealing on behalf of others, see 6712

- trade, leasing and renting of property, see division 70

- operational leasing, see division 71

66 Insurance and pension funding, except compulsory social security

This division includes units engaged in setting up and managing insurance funds for all kinds of insurance types (life and non-life) and units engaged in the provision of retirement incomes. In either case, activities involving the collection and investment of funds are included. The activities include long- and short-term risk spreading with or without a savings element.

This division differentiates between pension funding and life and non-life insurance as the primary breakdown.

This division excludes:

- compulsory social security, see 7530

- activities auxiliary to insurance and pension funding, see 6720

660 Insurance and pension funding, except compulsory social security

6601 Life insurance

This class includes:

- life insurance and life reinsurance with or without a substantial savings element

6602 Pension funding

This class includes:

- the provision of retirement incomes

This class excludes:

- compulsory social security schemes, see 7530

6603 Non-life insurance

This class includes:

- insurance and reinsurance of non-life insurance business:

- accident and fire insurance
- health insurance
- property insurance
- motor, marine, aviation and transport insurance
- pecuniary loss and liability insurance

67 Activities auxiliary to financial intermediation

This division includes the provision of services involved in or closely related to financial intermediation, but not themselves involving financial intermediation. The primary breakdown of this division is according to the type of financial transaction or funding served.

671 Activities auxiliary to financial intermediation, except insurance and pension funding

6711 Administration of financial markets

This class includes:

- operation and supervision of financial markets other than by public authorities:

- activities of stock exchanges, commodity exchanges etc.

6712 Security dealing activities

This class includes:

- dealing in financial markets on behalf of others (e.g. stockbroking) and related activities

This class excludes:

- dealing in markets on own account, see 6599

6719 Activities auxiliary to financial intermediation n.e.c.

This class includes:

- activities auxiliary to financial intermediation n.e.c.:

- financial advisers
- mortgage advisers and brokers
- “bureaux de change” etc.

This class excludes:

- activities of insurance agents, see 6720

- activities closely related to insurance and pension funding, see 6720

672 Activities auxiliary to insurance and pension funding

6720 Activities auxiliary to insurance and pension funding

This class includes:

- activities involved in or closely related to insurance and pension funding other than financial intermediation:

- activities of insurance agents
- average and loss adjusters
- activities of insurance risk and damage evaluators
- investigation in connection with insurance
- actuaries
- salvage administration

This class excludes:

- marine salvage activities, see 6303

K Real estate, renting and business activities

This section includes activities that focus mainly on the business sector with the obvious exception of real estate activities. However, more or less all activities covered in this section can also be provided to private households, for example, renting of personal and household goods, database activities, legal activities, investigation and security services, interior decoration and photographic activities.

70 Real estate activities

701 Real estate activities with own or leased property

7010 Real estate activities with own or leased property

This class includes:

- buying, selling, renting and operating of self-owned or leased real estate:
 - apartment buildings and dwellings
 - non-residential buildings, including exhibition halls
 - land

This class also includes:

- subdividing real estate into lots
- development and sale of land
- operation of residential mobile home sites

This class excludes:

- *development on own account involving construction, see 4520*
- *operation of hotels, rooming houses, camps, trailer camps and other non-residential or short-stay lodging places, see 5510*

702 Real estate activities on a fee or contract basis

7020 Real estate activities on a fee or contract basis

This class includes:

- activities of real estate agents and brokers
- intermediation in buying, selling and renting of real estate on a fee or contract basis
- managing of real estate on a fee or contract basis
- appraisal services for real estate
- real estate escrow agents

71 Renting of machinery and equipment without operator and of personal and household goods

This division includes renting and operational leasing. The length of the rental may be short- or long-term. The machinery and equipment may be provided with or without maintenance.

This division excludes:

- *financial leasing, which is normally a special form of credit granting, see 6591*

711 Renting of transport equipment

7111 Renting of land transport equipment

This class includes:

- renting and operational leasing of land-transport equipment without drivers:
 - automobiles
 - trucks, haulage tractors, trailers and semi-trailers
 - motorcycles, caravans and campers etc.
 - railroad vehicles

This class also includes:

- renting of containers
- renting of pallets

This class excludes:

- *renting or leasing of vehicles or trucks with driver, see 6022, 6023*
- *financial leasing, see 6591*
- *renting of accommodation or office containers, see 7129*
- *renting of bicycles, see 7130*

7112 Renting of water transport equipment

This class includes:

- renting and operational leasing of water-transport equipment without operator:
- commercial boats and ships

This class excludes:

- *renting of water-transport equipment with operator, see 6110, 6120*
- *financial leasing, see 6591*
- *renting of pleasure boats, see 7130*

7113 Renting of air transport equipment

This class includes:

- renting and operational leasing of air transport equipment without operator:
- airplanes
- hot-air balloons

This class excludes:

- *renting of air-transport equipment with operator, see 6220*
- *financial leasing, see 6591*

712 Renting of other machinery and equipment

7121 Renting of agricultural machinery and equipment

This class includes:

- renting and operational leasing of agricultural and forestry machinery and equipment without operator:
- renting of products produced by class 2921, such as agricultural tractors etc.

This class excludes:

- *renting of this machinery or equipment with operator, see 0140*
- *financial leasing, see 6591*

7122 Renting of construction and civil engineering machinery and equipment

This class includes:

- renting and operational leasing of construction and civil-engineering machinery and equipment without operator:

- crane lorries
- scaffolds and work platforms, without erection and dismantling

This class excludes:

- *renting of this machinery or equipment with operator, see 4550*
- *financial leasing, see 6591*

7123 Renting of office machinery and equipment (including computers)

This class includes:

- renting and operational leasing of office machinery and equipment without operator:

- computers and computer peripheral equipment
- duplicating machines, typewriters and word-processing machines
- accounting machinery and equipment: cash registers, electronic calculators etc.

This class excludes:

- *financial leasing, see 6591*

7129 Renting of other machinery and equipment n.e.c.

This class includes:

- renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries:

- engines and turbines
- machine tools
- mining and oilfield equipment
- professional radio, television and communication equipment
- motion picture production equipment
- measuring and controlling equipment
- other scientific, commercial and industrial machinery

This class also includes:

- renting of accommodation or office containers

This class excludes:

- *financial leasing, see 6591*

- *renting of agricultural machinery and equipment, see 7121*

- *renting of construction and civil-engineering machinery and equipment, see 7122*

- *renting of office machinery and equipment, including computers, see 7123*

713 Renting of personal and household goods n.e.c.

7130 Renting of personal and household goods n.e.c.

This class includes:

- the renting of all kinds of household or personal goods, to households or industries:

- textiles, wearing apparel and footwear
- furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares
- pleasure boats
- bicycles
- sports equipment
- jewellery, musical instruments, scenery and costumes
- books, journals and magazines
- videotapes, records, CDs, DVDs etc.
- do-it-yourself machinery and equipment, hand tools
- flowers and plants

723 Data processing

7230 Data processing

This class includes:

- processing of data employing either the customer's or a proprietary program:

- complete processing of data supplied by the customer
- data entry services
- scanning of documents

- management and operation on a continuing basis of data-processing facilities belonging to others

- timeshare computer services

- web-hosting

This class excludes:

- *renting and leasing of computers and computer peripheral equipment, see 7123*

724 Database activities and online distribution of electronic content

7240 Database activities and online distribution of electronic content

The online distribution in this class refers to units exclusively engaged in the online distribution of content, but not to units where online publishing is done in addition to traditional forms of publishing. In this respect, this is an exception to the general rule on classifying units according to the share of value added.

This class includes:

- assembly of compilations of data from one or more sources
- provision of online access to proprietary databases
- online database publishing

- online directory and mailing list publishing
- other online publishing, including e-books
- web search portals
- Internet search sites, Internet game sites, Internet entertainment sites

This class excludes:

- *online publishing combined with traditional publishing, see 221*
- *retail sale activities conducted over the Internet, see 5251*
- *publishing of database software, see 7221*
- *creation of database software or systems, see 7229*
- *operation of Internet gambling web sites, see 9249*

725 Maintenance and repair of office, accounting and computing machinery

7250 Maintenance and repair of office, accounting and computing machinery

This class includes:

- maintenance and repair of:
 - computer and computer peripheral equipment
 - typewriters, manual or electric
 - photocopy and thermocopy machines
 - electronic calculating machines, hand-held or desktop
 - cash registers

729 Other computer-related activities

7290 Other computer-related activities

This class includes:

- computer disaster recovery
- software installation services
- other computer-related services n.e.c.

73 Research and development

This division includes three types of research and development (R&D):

- basic research:
 - experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without particular application or use in view
- applied research:
 - original investigation undertaken in order to acquire new knowledge, directed primarily towards a specific practical aim or objective
- experimental development:
 - systematic work, drawing on existing knowledge gained from research and/or practical experience, directed to producing new materials, products and devices, to installing new processes, systems and services, and to improving substantially those already produced or installed

This division excludes:

- *governmental administration of R&D and of associated funds in the various natural or social sciences, see division 75*
- *administration and support of defence-related applied research and experimental development, see 7522*
- *education combined with R&D, see division 80*
- *raising and management of R&D funds for medical or other socially related R&D by charities, see 8532*

731 Research and experimental development on natural sciences and engineering (NSE)

7310 Research and experimental development on natural sciences and engineering (NSE)

This class includes:

- systematic studies and creative work in the three types of research and development defined

above, in natural sciences (mathematics, physics, astronomy, chemistry, life sciences, medical sciences, earth sciences, agriculture, engineering and technology etc.). They are intended to increase the stock of knowledge and to devise new applications.

This class also includes:

- multidisciplinary research and development

732 Research and experimental development on social sciences and humanities (SSH)

7320 Research and experimental development on social sciences and humanities (SSH)

This class includes:

- systematic studies and creative efforts in the three types of research and development defined above, in social sciences and humanities (economics, psychology, sociology, archaeology, legal sciences, linguistics and languages, arts etc.). They are intended to increase the stock of knowledge and to devise new applications.

This class excludes:

- *market research, see 7413*

74 Other business activities

This division includes all business activities, except computer- and research-related activities, which are covered in divisions 72 and 73 of this sector. Some of the activities covered here are often carried out by ancillary units of larger businesses, while others are more likely to be carried out by independent units. Outsourcing is a major factor in changing the way these activities are accounted for. The majority of these activities are carried out for commercial clients, except for legal activities (7411), parts of labour recruitment and provision of personnel (7491) and photographic activities (7494), which are also provided for individuals.

741 Legal, accounting, bookkeeping and auditing activities; tax consultancy; market research and public opinion polling; business and management consultancy :

7411 Legal activities

This class includes:

- legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under supervision of, persons who are members of the bar:
 - advice and representation in civil cases
 - advice and representation in criminal actions
 - advice and representation in connection with labour disputes
- general counselling and advising, preparation of legal documents:
 - articles of incorporation, partnership agreements or similar documents in connection with company formation
 - patents and copyrights
 - preparation of deeds, wills, trusts etc.
- other activities of notaries public, civil law notaries, bailiffs, arbitrators, examiners and referees

This class excludes:

- *law court activities, see 7523*

7412 Accounting, bookkeeping and auditing activities; tax consultancy

This class includes:

- recording of commercial transactions from businesses or others
- preparation of financial accounts, examination of such accounts and certification of their accuracy
- preparation of personal and business income tax returns
- advisory activities and representation (other than legal representation) on behalf of clients before tax authorities

This class excludes:

- *data-processing and tabulation activities, see 7230*
- *management consultancy such as design of accounting systems, cost accounting programmes, budgetary control procedures, see 7414*
- *bill collection, see 7499*

7413 Market research and public opinion polling

This class includes:

- investigation into market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products, including statistical analyses of the results
- investigation into collective opinions of the public about political, economic and social issues and statistical analysis thereof

7414 Business and management consultancy activities

This class includes:

- provision of advice, guidance or operational assistance to businesses and the public service:
 - public relations and communication
 - design of accounting methods or procedures, cost accounting programmes, budgetary control procedures
 - advice and help to businesses and public services in planning, organization, efficiency and control, management information etc.
 - management consultancy such as by agronomists and agricultural economists to farms etc.

This class also includes:

- activities of management holding companies

This class excludes:

- *design of computer software for accounting systems, see 7229*
- *legal advice and representation, see 7411*
- *accounting, bookkeeping and auditing activities, tax consulting, see 7412*
- *market research and public opinion polling, see 7413*
- *architectural, engineering and other technical advisory activities, see 7421*
- *advertising activities, see 7430*

742 Architectural, engineering and other technical activities

7421 Architectural and engineering activities and related technical consultancy

This class includes:

- architectural consulting activities:
 - building design and drafting
 - supervision of construction
 - town and city planning and landscape architecture
- machinery and industrial plant design
- engineering, project management and technical activities:
 - projects involving civil engineering, hydraulic engineering, traffic engineering
 - projects elaboration and realization relative to electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering, safety engineering
 - elaboration of projects using air conditioning, refrigerating, sanitary and pollution control engineering, acoustical engineering etc.
 - geologic and prospecting activities:
 - oil and gas field exploration, geophysical, geologic and seismic surveying
 - exploration of mineral deposits and of groundwater
 - weather forecasting activities
 - geodetic surveying activities:
 - land and boundary surveying activities
 - hydrologic surveying activities
 - subsurface surveying activities
 - cartographic and spatial information activities, including aerial photography thereof

This class also includes:

- activities of technical consultants other than engineers

This class excludes:

- *test drilling in connection with petroleum or gas extraction, see 1120*
- *test drilling and test hole boring, except for petroleum and gas extraction, see 4510*
- *activities of computer consultants, see 7210, 7229*
- *research and development activities, see 7310, 7320*

- *technical testing, see 7422*
- *aerial photography, see 7494*
- *interior decorating, see 7499*

7422 Technical testing and analysis

This class includes:

- testing and inspection of all types of materials and products:
 - testing of composition and purity of minerals etc.
 - testing activities in the field of food hygiene, including veterinary testing and control in relation to food production
 - testing of physical characteristics and performance of materials, such as strength, thickness, durability, radioactivity etc.
 - qualification and reliability testing
 - performance testing of complete machinery: motors, automobiles, electronic equipment etc.
 - radiographic testing of welds and joints
 - failure analysis
 - testing and measuring of environmental indicators: air and water pollution etc.
- certification of products, including consumer goods, motor vehicles, aircraft, pressurized containers, nuclear plants etc.
- periodic road-safety testing of motor vehicles
- testing with use of models or mock-ups (e.g. of aircraft, ships, dams etc.)

This class excludes:

- *testing and analysis of medical and dental specimens, see 8519*
- *testing of animal specimens, see 8520*

743 Advertising

7430 Advertising

This class includes:

- creation and realization of advertising campaigns:
 - creating and placing advertising in newspapers, periodicals, radio, television, the Internet and other media
 - creating and placing of outdoor advertising, e.g. billboards, panels, bulletins and frames, window dressing, showroom design, car and bus carding etc.
 - media representation, i.e. sale of time and space for various media soliciting advertising
 - aerial advertising
 - distribution or delivery of advertising material or samples
 - provision of advertising space on billboards etc.

This class excludes:

- *printing of advertising material, see 2221*
- *market research, see 7413*
- *public-relations activities, see 7414*
- *advertising photography, see 7494*
- *direct mailing activities (addressing, pre-sorting etc.), see 7499*
- *production of commercial messages for radio, television and film, see 9211, 9213*

749 Business activities n.e.c.

7491 Labour recruitment and provision of personnel

This class includes:

- personnel search, selection referral and placement in connection with employment supplied to the potential employer or to the prospective employee:
 - formulation of job descriptions
 - screening and testing of applicants
 - investigation of references etc.
- executive search and placement activities (headhunters)
- labour-contracting activities:
 - supply to others, chiefly on a temporary basis, of personnel hired by, and whose emoluments are paid by, the agency

This class excludes:

- activities of farm labour contractors, *see* 0140
- activities of personal theatrical or artistic agents or agencies, *see* 7499
- motion picture, television and other theatrical casting activities, *see* 9249

7492 Investigation and security activities

This class includes:

- surveillance, guard and other protective activities:
 - transport of valuables
 - bodyguard activities
 - street patrol, guard and watchman activities for apartment buildings, offices, factories, construction sites, hotels, theatres, dance halls, sport stadiums, shopping centres etc.
 - security activities in the field of public transportation such as luggage and passenger inspection at airports as well as patrol activities in trains and subways
 - store detective activities
 - remote-controlled supervision/inspection of technical equipment, buildings etc.
 - pre-qualification of alarms (deciding whether it is a false alarm or not) and calling police, fire brigade and ambulances if necessary
- consultancy in the field of industrial, household and public service security including security screening
- activities of private investigators

This class also includes:

- training of dogs for security reasons

This class excludes:

- installation of alarm systems, *see* 4530
- investigation in connection with insurance, *see* 6720

7493 Building-cleaning and industrial-cleaning activities

This class includes:

- interior cleaning of buildings of all types, including offices, factories, shops, institutions and other business and professional premises and multi-unit residential buildings
- window cleaning
- chimney cleaning and cleaning of fireplaces, stoves, furnaces, incinerators, boilers, ventilation ducts and exhaust units
- cleaning of industrial machinery
- sterilization of objects and premises
- bottle cleaning

This class also includes:

- disinfecting and exterminating activities for buildings, ships, trains etc.
- cleaning of trains, buses, planes etc.
- cleaning of inside of road and sea tankers

This class excludes:

- agricultural pest control, *see* 0140
- steam-cleaning, sandblasting and similar activities for building exteriors, *see* 4540
- cleaning of new buildings after construction, *see* 4540
- carpet and rug shampooing, drapery and curtain cleaning, *see* 9301

7494 Photographic activities

This class includes:

- commercial and consumer photograph production:
 - portrait photography for passports, schools, weddings etc.
 - photography for commercials, publishers, fashion, real estate or tourism purposes
 - aerial photography
 - videotaping of events: weddings, meetings etc.
- film processing:
 - developing, printing and enlarging from client-taken negatives or cine-films
 - mounting of slides
 - copying and restoring or transparency retouching in connection with photographs

This class also includes:

- microfilming of documents

This class excludes:

- cartographic and spatial information activities, *see* 7421

- processing motion picture film related to the motion picture and television industries, *see* 9211

7495 Packaging activities

This class includes:

- packaging activities on a fee or contract basis, whether or not these involve an automated process:

•filling of aerosols

•bottling of liquids, including beverages and food

•packaging of solids (blister packaging, foil-covered etc.)

•security packaging of pharmaceutical preparations

•labelling, stamping and imprinting

•parcel-packing and gift-wrapping

This class excludes:

- packing activities incidental to transport, *see* 6309

7499 Other business activities n.e.c.

This class includes a great variety of service activities generally delivered to commercial clients.

This class includes:

- stenographic and mailing activities:

•typing

•other secretarial activities such as transcribing from tapes or discs

•copying, blueprinting, multigraphing and similar activities

•envelope addressing, stuffing, sealing and mailing, mailing list compilation etc., including for advertising material

- translation and interpretation

- bill collecting, credit rating in connection with an individual's or firm's creditworthiness or business practices

- business brokerage activities, i.e. arranging for the purchase and sale of small and medium-sized businesses, including professional practices

- patent brokerage activities (arranging for the purchase and sale of patents)

- appraisal activities other than for real estate and insurance

- fashion design related to textiles, wearing apparel, shoes, jewellery, furniture and other interior decoration and other fashion goods as well as other personal or household goods

- services of graphic designers

- activities of interior decorators

- activities of fair, exhibition and congress organizers

- activities of stand designers

- activities of self-employed auctioneers

- activities of consultants other than technical and engineering

- operation of enterprises on account of others

- trading stamp activities

This class also includes:

- proof-reading

- telephone answering activities

- call centre activities

- activities carried on by agents and agencies on behalf of individuals usually involving the obtaining of engagements in motion picture, theatrical production or other entertainment or sports attractions and the placement of books, plays, artworks, photographs etc., with publishers, producers etc.

- reading of gas, water and electricity meters

This class excludes:

- wholesale of used motor vehicles by auctioning, *see* 5010

- activities of auctioning houses (retail), *see* 5240

- online auction activities (retail), *see* 5259

- credit card activities, *see* division 65

- database activities, *see* 7240

- *bookkeeping activities, see 7412*
- *machinery and industrial design, see 7421*
- *display of advertisement and other advertising design, see 7430*

L Public administration and defence; compulsory social security

See description of division 75.

75 Public administration and defence; compulsory social security

This division includes activities normally carried out by the public administration. However, the legal or institutional status is not, in itself, the determining factor. This division includes units that are part of local or central public bodies that enable the administration of the community to function properly.

This division includes:

- general administration (e.g. executive, legislative, financial administration etc. at all levels of government) and supervision in the field of social and economic life (group 751)
- defence, justice, police, foreign affairs etc. (group 752)
- management of compulsory social security schemes (group 753)

Activities classified elsewhere in ISIC do not fall under division 75 even if carried out by public administrations. For example, administration of the school system (i.e. regulations, checks, curricula) falls under division 75, but teaching itself does not (see division 80), and a prison or military hospital is classified to health (see division 85). Similarly, some activities described in division 75 may be carried out by non-government units.

751 Administration of the State and the economic and social policy of the community

7511 General (overall) public service activities

This class includes:

- executive and legislative administration of central, regional and local bodies
- administration and supervision of fiscal affairs:
 - operation of taxation schemes
 - duty/tax collection on goods and tax violation investigation
 - customs administration
- budget implementation and management of public funds and public debt:
 - raising and receiving of moneys and control of their disbursement
- administration of overall (civil) R&D policy and associated funds
- administration and operation of overall economic and social planning and statistical services at the various levels of government

This class excludes:

- *administration of R&D policies intended to increase personal well-being and of associated funds, see 7512*
- *administration of R&D policies intended to improve economic performance and competitiveness, see 7513*
- *administration of defence-related R&D policies and of associated funds, see 7522*

7512 Regulation of the activities of agencies that provide health care, education, cultural services and other social services, excluding social security

This class includes:

- public administration of programmes aimed to increase personal well-being:
 - health
 - education
 - culture
 - sport
 - recreation
 - environment
 - housing
 - social services
- public administration of R&D policies and associated funds for these areas

This class also includes:

- sponsoring of recreational and cultural activities

- distribution of grants to artists
- administration of potable water supply programmes
- administration of waste collection and disposal operations
- administration of environmental protection programmes
- administration of housing programmes

This class excludes:

- compulsory social security activities, see 7530
- education activities, see division 80
- human health-related activities, see group 851
- sewage and refuse disposal and sanitation, see 9000
- activities of libraries, public archives, museums and other cultural institutions, see 923
- sporting or other recreational activities, see 924

7513 Regulation of and contribution to more efficient operation of business

This class includes:

- public administration and regulation, including subsidy allocation, for different economic sectors:
 - agriculture
 - land use
 - energy and mining resources
 - infrastructure
 - transport
 - communication
 - hotels and tourism
 - wholesale and retail trade
- administration of R&D policies and associated funds to improve economic performance
- administration of general labour affairs
- implementation of regional development policy measures, e.g. to reduce unemployment

This class excludes:

- research and experimental development activities, see division 73

7514 Supporting service activities for the government as a whole

This class includes:

- general personnel and other general service activities:
 - administration and operation of general personnel services, whether or not connected with a specific function
 - development and implementation of general personnel policies and procedures covering selection and promotion, rating methods, job description, evaluation and classification, administration of civil service regulations etc.
- administration, operation and support of overall general services:
 - centralized supply and purchasing services
 - maintenance and storage of government records and archives
 - operation of government-owned or -occupied buildings
 - operation of central offices and other general services not connected with a specific function

752 Provision of services to the community as a whole

7521 Foreign affairs

This class includes:

- administration and operation of the ministry of foreign affairs and diplomatic and consular missions stationed abroad or at offices of international organizations
- administration, operation and support for information and cultural services intended for distribution beyond national boundaries
- aid to foreign countries, whether or not routed through international organizations
- provision of military aid to foreign countries
- management of foreign trade, international financial and foreign technical affairs
- international assistance, e.g. refugee or hunger relief programmes

7522 Defence activities

This class includes:

- administration, supervision and operation of military defence affairs and land, sea, air and space defence forces such as:

- combat forces of army, navy and airforce
 - engineering, transport, communications, intelligence, material, personnel and other non-combat forces and commands
 - reserve and auxiliary forces of the defence establishment
 - provision of equipment, structures, supplies etc.
 - health activities for military personnel in the field
- administration, operation and support of civil defence forces
- support for the working out of contingency plans and the carrying out of exercises in which civilian institutions and populations are involved
- administration of defence-related R&D policies and related funds

This class excludes:

- *research and experimental development activities, see division 73*
- *provision of military aid to foreign countries, see 7521*
- *activities of military tribunals, see 7523*
- *provision of supplies for domestic emergency use in case of peacetime disasters, see 7523*
- *educational activities of military schools, colleges and academies, see division 80*
- *activities of military hospitals, see 8511*

7523 Public order and safety activities

This class includes:

- administration and operation of regular and auxiliary police forces supported by public authorities and of port, border, coastguards and other special police forces, including traffic regulation, alien registration, operation of police laboratories and maintenance of arrest records - firefighting and fire prevention:

- administration and operation of regular and auxiliary fire brigades supported by public authorities in fire prevention, firefighting, rescue of persons and animals, assistance in civic disasters, floods, road accidents etc.
- administration and operation of administrative civil and criminal law courts, military tribunals and the judicial system, including legal representation and advice on behalf of the government or when provided by the government in cash or services
- rendering of judgements and interpretations of the law
- arbitration of civil actions
- prison administration and provision of correctional services, including rehabilitation services
- provision of supplies for domestic emergency use in case of peacetime disasters

This class excludes:

- *forestry fire-protection services, see 0200*
- *private firefighting and fire-prevention services in factories, see section D*
- *firefighting and fire-prevention services at airports, see 6303*
- *advice and representation in civil, criminal and other cases, see 7411*
- *administration and operation of military armed forces, see 7522*
- *activities of prison schools, see division 80*
- *activities of prison hospitals, see 8511*

753 Compulsory social security activities

7530 Compulsory social security activities

This class includes:

- funding and administration of government-provided social security programmes:

- sickness, work-accident and unemployment insurance
- retirement pensions
- programmes covering losses of income due to maternity, temporary disablement, widowhood etc.

This class excludes:

- *non-compulsory social security, see 6602*
- *provision of welfare services and social work, see 8531, 8532*

M Education

See description of division 80.

80 Education

This division includes public as well as private education at any level or for any profession, oral or written as well as by radio and television or other means of communication. It includes education by the different institutions in the regular school system at its different levels as well as adult education, literacy programmes etc. Also included are military schools and academies, prison schools etc. at their respective levels. For each level of initial education, the classes include special education for physically or mentally handicapped pupils. The breakdown of the categories in this division is based on the level of education offered as defined by the levels of ISCED 1997.

This division excludes:

- education primarily concerned with recreational activities such as bridge or golf, see division 92

801 Primary education

8010 Primary education

This class includes:

- pre-primary education (education preceding the first level)
- primary education (education at the first level)

Education can be provided in classrooms or through radio, television broadcast, Internet or correspondence.

This class also includes:

- special education for handicapped students at this level
- provision of literacy programmes for adults

This class excludes:

- child day-care activities, see 8532

802 Secondary education

8021 General secondary education

This class includes:

- general school education in the first stage of the secondary level corresponding more or less to the period of compulsory school attendance
- general school education in the second stage of the secondary level giving, in principle, access to higher education

Education can be provided in classrooms or through radio, television broadcast, Internet or correspondence.

Subject specialization at this level often begins to have some influence even on the educational experience of those pursuing a general programme. Such programmes are designated to qualify students either for technical and vocational education or for entrance to higher education without any special subject prerequisite.

This class also includes:

- special education for handicapped students at this level

This class excludes:

- adult education as defined in 8090

8022 Technical and vocational secondary education

This class includes:

- technical and vocational education below the level of higher education as defined in 8030 Typically, the programmes emphasize subject-matter specialization and instruction in both theoretical background and practical skills generally associated with present or prospective employment. The aim of a programme can vary from preparation for a general field of employment to a very specific job.

Education can be provided in classrooms or through radio, television broadcast, Internet or correspondence.

This class also includes:

- special education for handicapped students at this level

This class excludes:

- *technical and vocational education at post-secondary and university levels, see 8030*

803 Higher education

8030 Higher education

This class includes:

- first, second and third stages of higher education:

- post-secondary education not leading to a university degree or equivalent
- post-secondary education leading to a university degree or equivalent

A great variety of subject-matter programmes are offered at this level, some emphasizing more theoretical instruction and others, more practical instruction.

Education can be provided in classrooms or through radio, television broadcast, Internet or correspondence.

This class also includes:

- special education for handicapped students at this level

809 Other education

8090 Other education

This class is reserved for specialized training, generally for adults, not comparable to the general education in groups 801-803.

This class includes:

- adult education, i.e. education for people who are not in the regular school and university system. Instruction may be given in day or evening classes in schools or in special institutions providing for adults: driving schools, flying schools, art schools, cooking schools etc.

- instructions on general and vocational subjects

- education that is not definable by level

Education can be provided in classrooms or through radio, television broadcast, Internet or correspondence.

This class excludes:

- *higher education, see 8030*

- *activities of dance schools, see 9219*

- *instruction in sport and games, see 9241*

N Health and social work

See description of division 85.

85 Health and social work

This sector includes the provision of health care by diagnosis and treatment and the provision of residential care for medical and social reasons, as well as the provision of social assistance, such as counselling, welfare, child protection, community housing and food services, vocational rehabilitation and childcare to those requiring such assistance. Also included is the provision of veterinary services.

851 Human health activities

8511 Hospital activities

This class includes:

- short- or long-term hospital activities of general and specialized hospitals, sanatoriums, preventoria, medical nursing homes, asylums, mental hospital institutions, rehabilitation centres, leprosariums and other health institutions that have accommodation facilities, including military-base and prison hospitals:

- medical and surgical technical care activities such as diagnosis, treatment, operations, analyses, emergency activities etc.

The activities are chiefly directed to inpatients, carried out under the direct supervision of medical doctors and comprise:

- services of medical and paramedical staff

- services of laboratory and technical facilities, including radiologic and anaesthesiologic services

- emergency room services

- food and other hospital facilities

This class excludes:

- *health activities for military personnel in the field, see 7522*
- *private consultants' services to inpatients, see 8512*
- *dental activities without accommodation, see 8512*
- *ambulance activities, see 8519*
- *veterinary activities, see 8520*

8512 Medical and dental practice activities

This class includes:

- medical consultation and treatment in the field of general and specialized medicine by general practitioners and medical specialists and surgeons
- dental practice activities of a general or specialized nature
- orthodontic activities

The activities can be carried out in private practice, group practices and in hospital outpatient clinics, and in clinics such as those attached to firms, schools, homes for the aged, labour organizations and fraternal organizations, as well as in patients' homes.

This class also includes:

- dental activities in operating rooms
- private consultants' services to inpatients

This class excludes:

- *production of artificial teeth, denture and prosthetic appliances by dental laboratories, see 3311*
- *inpatient hospital activities, see 8511*
- *paramedical activities such as those of midwives, nurses and physiotherapists, see 8519*

8519 Other human health activities

This class includes:

- activities for human health not performed by hospitals or by medical doctors or dentists: - activities of nurses, midwives, physiotherapists or other paramedical practitioners in the field of optometry, hydrotherapy, medical massage, occupational therapy, speech therapy, chiropody, homeopathy, chiropractice, acupuncture etc. These activities may be carried out in health clinics such as those attached to firms, schools, homes for the aged, labour organizations and fraternal organizations and in residential health facilities other than hospitals, as well as in own consulting rooms, patients' homes or elsewhere.

This class also includes:

- activities of dental paramedical personnel such as dental therapists, school dental nurses and dental hygienists, who may work remote from, but are periodically supervised by, the dentist
- activities of medical laboratories
- activities of blood banks, sperm banks, transplant organ banks etc.
- ambulance transport of patients by any mode of transport including airplanes
- residential health facilities, except hotels

This class excludes:

- *production of artificial teeth, denture and prosthetic appliances by dental laboratories, see 3311*
- *testing activities in the field of food hygiene, see 7422*
- *hospital activities, see 8511*
- *medical and dental practice activities, see 8512*

852 Veterinary activities

8520 Veterinary activities

This class includes:

- animal health care and control activities for farm animals
- animal health care and control activities for pet animals

These activities are carried out by qualified veterinarians when working in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere.

This class also includes:

- activities of veterinary assistants or other auxiliary veterinary personnel
- clinico-pathological and other diagnostic activities pertaining to animals
- animal ambulance activities

This class excludes:

- farm animal boarding activities without health care, see 0140
- pet animal boarding activities without health care, see 9309

853 Social work activities

8531 Social work activities with accommodation

This class includes:

- activities provided on a round-the-clock basis directed to provide social assistance to children, the aged and special categories of persons with some limits on ability for self-care, but where medical treatment or education are not important elements:

- orphanages
- children's boarding homes and hostels
- residential nurseries
- homes for the aged
- homes for the physically or mentally handicapped, including the blind, deaf and dumb
- rehabilitation homes (without medical treatment) for people addicted to drugs or alcohol
- homes for the homeless
- institutions that take care of unmarried mothers and their children

The activities may be carried out by government offices or private organizations.

This class excludes:

- funding and administration of compulsory social security programmes, see 7530
- adoption activities, see 8532
- short-term shelter activities for disaster victims, see 8532

8532 Social work activities without accommodation

This class includes:

- social, counselling, welfare, refugee, referral and similar activities, the services of which are delivered to individuals and families in their homes or elsewhere and carried out by government offices or by private organizations, disaster relief organizations and national or local self-help organizations and by specialists providing counselling services:

- welfare and guidance activities for children and adolescents
- adoption activities, activities for the prevention of cruelty to children and others
- old-age and sick visiting
- household budget counselling, marriage and family guidance
- community and neighbourhood activities
- activities for disaster victims, refugees, immigrants etc., including temporary or extended shelter for them
- vocational rehabilitation and habilitation activities for handicapped or unemployed persons provided that the education component is limited

- eligibility determination in connection with welfare aid, rent supplements or food stamps
- child day-care activities, including day-care activities for handicapped children
- day-care activities for handicapped adults
- day facilities for the homeless and other socially weak groups
- charitable activities like fund-raising or other supporting activities aimed at social work

This class excludes:

- funding and administration of compulsory social security programmes, see 7530
- activities similar to those described in this class, but including accommodation, see 8531

O Other community, social and personal service activities

This section includes services provided by businesses and government units to individuals, other businesses or the community as a whole, not covered in previous parts of the classification.

90 Sewage and refuse disposal, sanitation and similar activities

This division includes:

- collection and treatment of household and industrial waste, not for a further use in an industrial manufacturing process, but with the aim of disposal and resulting in a product with

little or no value.

This division also includes:

- other activities such as street cleaning and snow removal etc.

This division excludes:

- *processing of waste and scrap and other articles into secondary raw material fit for direct use in an industrial manufacturing process, see 3710 and 3720*

- *wholesale (purchase and sale) in waste and scrap, including collecting, sorting, packing, dealing etc., but without a real transformation process, see 5149*

900 Sewage and refuse disposal, sanitation and similar activities

9000 Sewage and refuse disposal, sanitation and similar activities

This class includes:

- collecting and transporting of human waste water from one or several users, as well as rain water by means of sewerage networks, collectors, tanks and other means of transport (sewage vehicles etc.) and their treatment and disposal

- treatment of waste water by means of physical, chemical and biological processes like dilution, screening, filtering, sedimentation etc.

- treatment of waste water from swimming pools and from industry

- maintenance and cleaning of sewers and drains

- emptying and cleaning of cesspools and septic tanks, sinks and pits from sewage, servicing of chemical toilets

- collection of waste from households and enterprises by means of refuse bins, wheeled bins, containers etc.

- collection of refuse in litter-bins in public places

- collection of hazardous waste, used batteries, used cooking oils and fats etc.

- collection of used oil from shipment or garages

- collection of construction and demolition waste

- operation of waste collection centres

- waste disposal by incineration or by other means:

• dumping of refuse on land or in water, burial or ploughing-under of refuse

• treatment and disposal of transition radioactive waste, i.e. radioactive waste decaying within the period of transport, from hospitals etc.

- treatment and disposal of toxic live or dead animals and other contaminated waste

- disposal of used goods such as refrigerators to eliminate harmful waste

- decontamination of soils and groundwater at the place of pollution, either in situ or ex situ, using eg. mechanical, chemical or biological methods

- decontamination and cleaning up of surface water following accidental pollution, e.g. through collection of pollutants or through application of chemicals

- cleaning up oil spills on land, in surface water, in ocean and seas, including coastal seas

- outdoor sweeping and watering of streets, squares, paths, markets, public gardens, parks etc.

- snow and ice clearing on highways, airport runways, including spreading of salt or sand etc.

- specialized other pollution-control activities

This class excludes:

- *cleaning of ditches and pest control for the benefit of agriculture, see 0140*

- *treatment of residual food substances for manufacture of food products, see division 15*

- *treatment of slaughter waste to produce animal feeds, see 1533*

- *reprocessing of nuclear fuels and treatment of radioactive nuclear waste, see 2330*

- *composting of organic waste, see 2412*

- *processing food, beverages and tobacco waste into secondary raw material, see 3720*

- *purification of water for water supply purposes, see 4100*

- *stripping work of contaminated topsoil as part of construction activities, see 4510*

- *clearing of mines and the like (including detonation) from construction sites, see 4510*

- *construction and repair of sewer systems, see 4520*

- *treatment of waste and scrap without a real mechanical or chemical transformation process and for sale to third parties, such as dismantling of cars, machinery or computers or such as sorting or pressing of paper, textile, plastics, wood waste etc., see divisions 50-52*

- *collection of waste as part of wholesale of waste, see 5149*

- *transporting of polluted soil, already stripped off by third parties, see 6023*

- *technical testing and analysis, see 7422*

- *disinfecting and exterminating activities in buildings, see 7493*

91 Activities of membership organizations n.e.c.

This division includes activities of organizations representing interests of special groups or promoting ideas to the general public. These organizations usually have a constituency of members, but their activities may involve and benefit non-members as well. The primary breakdown of this division is determined by the purpose that these organizations serve, namely interests of employers, self-employed individuals and the scientific community (group 911), interests of employees (group 912) or promotion of religious, political, cultural, educational or recreational ideas and activities (group 919).

911 Activities of business, employers and professional organizations

9111 Activities of business and employers organizations

This class includes:

- activities of organizations whose members' interests centre on the development and prosperity of enterprises in a particular line of business or trade, including farming, or on the economic growth and climate of a particular geographical area or political subdivision without regard for the line of business.
- activities of federations of such associations
- activities of chambers of commerce, guilds and similar organizations
- dissemination of information, representation before government agencies, public relations and labour negotiations

This class excludes:

- activities of trade unions, see 9120

9112 Activities of professional organizations

This class includes:

- activities of organizations whose members' interests centre chiefly on a particular scholarly discipline or professional practice or technical field
- activities of associations of specialists engaged in scientific, academic or cultural activities, such as associations of writers, painters, performers of various kinds, journalists etc.
- dissemination of information, the establishment and supervision of standards of practice, representation before government agencies and public relations

This class also includes:

- activities of learned societies

This class excludes:

- education provided by these organizations, see division 80

912 Activities of trade unions

9120 Activities of trade unions

This class includes:

- activities of associations whose members are employees interested chiefly in the representation of their views concerning the salary and work situation and in concerted action through organization
- activities of single plant unions, of unions composed of affiliated branches and of labour organizations composed of affiliated unions on the basis of trade, region, organizational structure or other criteria

This class excludes:

- education provided by such organizations, see division 80

919 Activities of other membership organizations

9191 Activities of religious organizations

This class includes:

- activities of religious organizations or individuals providing services directly to worshippers in churches, mosques, temples, synagogues or other places
- activities of organizations furnishing monastery and convent services

- religious retreat activities

This class also includes:

- religious funeral service activities

This class excludes:

- education provided by such organizations, see division 80

- health activities by such organizations, see group 851

- social work activities by such organizations, see group 853

9192 Activities of political organizations

This class includes:

- activities of political organizations and auxiliary organizations such as young people's auxiliaries associated with a political party. These organizations chiefly engage in influencing decision-taking in public governing bodies by placing members of the party or those sympathetic to the party in political office and involve the dissemination of information, public relations, fund-raising etc.

9199 Activities of other membership organizations n.e.c.

This class includes:

- activities of organizations not directly affiliated to a political party furthering a public cause or issue by means of public education, political influence, fund-raising etc.:

•citizens initiative or protest movements

•environmental and ecological movements

•organizations supporting community and educational facilities n.e.c.

•organizations for the protection and betterment of special groups, e.g. ethnic and minority groups

•associations for patriotic purposes, including war veterans' associations

- special interest groups such as touring clubs and automobile associations and consumer associations

- associations for the purpose of social acquaintanceship such as rotary clubs, lodges etc.

- associations of youth, young persons' associations, student associations, clubs and fraternities etc.

- associations for the pursuit of a cultural or recreational activity or hobby (other than sports or games), e.g. poetry, literature and book clubs, historical clubs, gardening clubs, film and photo clubs, music and art clubs, craft and collectors' clubs, social clubs, carnival clubs etc.

- associations for the protection of animals

This class excludes:

- activities of professional associations, see 9112

92 Recreational, cultural and sporting activities

This division includes the operation of facilities and provision of services to meet the cultural, entertainment, recreational and sports interest of their customers. This includes the production and promotion of, and participation in, live performances, events or exhibits intended for public viewing, the provision of artistic, creative or technical skills for the production of artistic products and live performances, the preservation and exhibition of objects and sites of historical, cultural or educational interest and the operation of facilities and the provision of services that enable customers to participate in sports or recreational activities or pursue amusement, hobbies and leisure-time interests.

921 Motion picture, radio, television and other entertainment activities

9211 Motion picture and video production and distribution

This class includes:

- production of theatrical and non-theatrical motion pictures whether on film, videotape or disc for direct projection in theatres or for broadcasting on television:

•production in a motion picture studio, or in special laboratories for animated films or cartoons, of full-length films, documentaries, shorts etc., for public entertainment, for advertising, education, training or news information

•processing of motion picture film

•publishing of motion picture film

- supporting activities such as film editing, cutting, dubbing etc.

- activities of sound-recording studios
- distribution of motion pictures and videotapes to other industries but not to the general public, including sale or rental of movies or tapes to other industries, as well as activities allied to the distribution of films and videotapes such as film and tape booking, delivery, storage etc.
- buying and selling of motion picture and video distribution rights

This class excludes:

- film duplicating (except reproduction of motion picture film for theatrical distribution) as well as audio and video tape, CD or DVD reproduction from master copies, see 2230
- retail trade of tapes, see groups 521, 523, 525
- wholesale of blank videotapes, see 5152
- wholesale of recorded videotapes, see 5139
- renting of tapes to the general public, see 7130
- film processing other than for the motion picture industry, see 7494
- activities of personal theatrical or artistic agents or agencies, see 7499
- activities of own account actors, cartoonists, directors, stage designers and technical specialists, see 9214

9212 Motion picture projection

This class includes:

- motion picture or videotape projection in cinemas, in the open air or in other projection facilities

This class also includes:

- activities of cine-clubs

9213 Radio and television activities

This class includes:

- production of radio and television programmes, whether live or taped, whether or not combined with broadcasting
- broadcasting of radio and television programmes

The programmes produced and broadcast may be for entertainment, promotion, education or training or news dissemination such as sports, weather etc. The production of programmes may result in a permanent tape which may be sold, rented or stored for broadcast or rebroadcast.

This class excludes:

- radio and television transmission via cable networks, see 6420
- radio and television transmission by relay or satellite, see 6420
- news agencies, see 9220

9214 Dramatic arts, music and other arts activities

This class includes:

- production of live theatrical presentations, concerts and opera or dance productions and other stage productions:
 - activities of groups or companies, orchestras or bands
 - activities of individual artists such as actors, directors, musicians, authors, lecturers or speakers, sculptors, painters, cartoonists, engravers, etchers, stage-set designers and builders etc.
- operation of concert and theatre halls and other arts facilities
- operation of ticket agencies
- restoring of works of art such as paintings etc.

This class excludes:

- restoring of furniture, see 3610
- restoring of organs and other historical musical instruments, see 3692
- restoring of buildings, see division 45
- activities of personal theatrical or artistic agents or agencies, see 7499
- operation of cinemas, see 9212
- casting activities, see 9249

9219 Other entertainment activities n.e.c.

This class includes:

- production of entertainment n.e.c.:

- activities of ballrooms and discotheques
- activities of dancing schools and dance instructors
- circus production
- activities of amusement parks and amusement fairs
- puppet shows, rodeos, activities of shooting galleries, firework display, model railway installations etc.

This class excludes:

- other recreational activities, see 9249

922 News agency activities

9220 News agency activities

This class includes:

- news syndicate and news agency activities furnishing news, pictures and features to the media
- activities of independent journalists

923 Library, archives, museums and other cultural activities

9231 Library and archives activities

This class includes:

- documentation and information activities of libraries of all kinds, reading, listening and viewing rooms, public archives providing service to the general public or to a special clientele, such as students, scientists, staff, members:
 - organization of a collection, whether specialized or not
 - cataloguing collections
 - lending and storage of books, maps, periodicals, films, records, tapes, works of art etc.
 - retrieval activities in order to comply with information requests etc.

This class excludes:

- renting of videotapes, see 7130

- database activities, see 7240

9232 Museums activities and preservation of historic sites and buildings

This class includes:

- operation of museums of all kinds:
 - art museums, museums of jewellery, furniture, costumes, ceramics, silverware
 - natural history, science and technological museums, historical museums, including military museums and historic houses
 - other specialized museums
 - open-air museums
- operation and preservation of historic sites and buildings

9233 Botanical and zoological gardens and nature reserves activities

This class includes:

- operation of botanical and zoological gardens, including children's zoos
- operation of nature reserves, including wildlife preservation etc.

924 Sporting and other recreational activities

9241 Sporting activities

This class includes:

- operation of facilities for outdoor or indoor sports events (open, closed or covered, with or without spectator seating):
 - football, hockey, cricket, baseball stadiums
 - track and field stadiums
 - swimming pools and stadiums
 - ice hockey arenas
 - boxing arenas

- golf courses
- bowling lanes
- winter sports arenas and stadiums
 - organization and operation of outdoor or indoor sports events for professionals or amateurs by organizations with or without own facilities:
- football clubs, bowling clubs, swimming clubs, golf clubs, boxing, wrestling, health or body-building clubs, winter sports clubs, chess, draughts, domino or card clubs, field and track clubs, shooting clubs etc.
 - activities related to promotion and production of sporting events
 - activities of individual own-account sportsmen and athletes, judges, timekeepers, instructors, teachers, coaches etc.
 - activities of sport and game schools
 - activities of racing stables, kennels and garages
 - activities of riding academies
 - operation of sport fishing preserves
 - support activities for sport or recreational hunting and fishing
 - related service activities

This class excludes:

- *renting of sports equipment, see 7130*
- *park and beach activities, see 9249*

9249 Other recreational activities

This class includes activities related to recreation not elsewhere classified in this division:

- activities of recreation parks and beaches, including renting of facilities such as bathhouses, lockers, chairs etc.
- operation of recreational transport facilities, e.g. marinas
- motion picture, television and other theatrical casting activities
- gambling and betting activities:
 - sale of lottery tickets
 - operation (exploitation) of coin-operated gambling machines
 - operation (exploitation) of coin-operated games
 - operation of gambling cruises
 - operation of virtual gambling web sites
 - fairs and shows of a recreational nature

This class also includes:

- renting of leisure and pleasure equipment as an integral part of recreational facilities

This class excludes:

- *activities of personal theatrical or artistic agents or agencies, see 7499*
- *other entertainment activities, e.g. circus production or activities of ballrooms, see 9219*

93 Other service activities

This division includes all service activities not elsewhere classified.

930 Other service activities

9301 Washing and (dry-)cleaning of textile and fur products

This class includes:

- laundering and dry-cleaning, pressing etc., of all kinds of clothing (including fur) and textiles, provided by mechanical equipment, by hand or by self-service coin-operated machines, whether for the general public or for industrial or commercial clients
- laundry collection and delivery
- carpet and rug shampooing and drapery and curtain cleaning, whether on clients' premises or not
- provision of linens, work uniforms and related items by laundries
- diaper supply services

This class also includes:

- repair and minor alteration of garments or other textile articles when done in connection with cleaning

This class excludes:

- *repair and alteration of clothing etc., as an independent activity, see 5260*
- *renting of clothing other than work uniforms, even if cleaning of these goods is an integral part of the activity, see 7130*

9302 Hairdressing and other beauty treatment

This class includes:

- hair washing, trimming and cutting, setting, dyeing, tinting, waving, straightening and similar activities for men and women
- shaving and beard trimming
- facial massage, manicure and pedicure, make-up etc.

This class excludes:

- *manufacture of wigs, see 3699*

9303 Funeral and related activities

This class includes:

- burial and incineration of human or animal corpses and related activities:
 - preparing the dead for burial or cremation and embalming and morticians' services
 - providing burial or cremation services
 - rental of equipped space in funeral parlours
- rental or sale of graves
- maintenance of graves and mausoleums

This class excludes:

- *religious funeral service activities, see 9191*

9309 Other service activities n.e.c.

This class includes:

- activities of Turkish baths, sauna and steam baths, solariums, reducing and slendering salons, massage salons etc.
- astrological and spiritualists' activities
- social activities such as escort services, dating services, services of marriage bureaux
- pet care services such as boarding, grooming, sitting and training pets
- genealogical organizations
- shoeshiners, porters, valet car parkers etc.
- coin-operated personal service machines (photo booths, weighing machines, machines for checking blood pressure, coin-operated lockers etc.)

This class excludes:

- *public pay-telephone services, see 6420*
- *veterinary activities, see 8520*
- *activities of health clubs, see 9241*

P Activities of private households as employers and undifferentiated production activities of private households

This section includes activities within households, where the same household is the consumer of the products produced. This can be effected through the employment of domestic personnel (division 95) or through the production of goods or services for own use (division 96 and 97).

95 Activities of private households as employers of domestic staff

See description of class 9500.

950 Activities of private households as employers of domestic staff

9500 Activities of private households as employers of domestic staff

This class includes the activities of households as employers of domestic personnel such as maids, cooks, waiters, valets, butlers, laundresses, gardeners, gatekeepers, stable-lads, chauffeurs, caretakers, governesses, babysitters, tutors, secretaries etc. It allows the domestic personnel employed to state the activity of their employer in censuses or studies, even though the employer is an individual.

The product, which is self-consumed, is considered non-market and assessed according to the cost of the personnel in the national accounts. These services cannot be provided by companies.

96 Undifferentiated goods -producing activities of private households for own use

See description of class 9600.

960 Undifferentiated goods -producing activities of private households for own use

9600 Undifferentiated goods -producing activities of private households for own use

This class contains the undifferentiated subsistence goods-producing activities of households, that is to say, the activities of households that are engaged in a variety of activities that produce goods for their own subsistence. These activities include hunting and gathering, farming, the production of shelter and clothing and other goods produced by the household for its own subsistence. In application, if households are also engaged in the production of marketed goods, they are classified to the appropriate goods-producing industry of ISIC. If they are principally engaged in a specific goods-producing subsistence activity, they are classified to the appropriate goods-producing industry of ISIC.

97 Undifferentiated service-producing activities of private households for own use

See description of class 9700.

970 Undifferentiated service-producing activities of private households for own use

9700 Undifferentiated service-producing activities of private households for own use

This class contains the undifferentiated subsistence services-producing activities of households. These activities include cooking, teaching, caring for household members and other services produced by the household for its own subsistence. In application, if households are also engaged in the production of multiple goods for subsistence purposes, they are classified to the undifferentiated goods-producing subsistence activities of households.

Q Extraterritorial organizations and bodies

This section allows the employees of extraterritorial organizations to state the activity of their employer in censuses or studies, even though the employer is considered to be outside the economic territory of a country (although within the geographical territory).

99 Extraterritorial organizations and bodies

See description of class 9900.

990 Extraterritorial organizations and bodies

9900 Extraterritorial organizations and bodies

This class includes:

- activities of international organizations such as the United Nations and the specialized agencies of the United Nations system, regional bodies etc., the International Monetary Fund, the World Bank, the World Customs Organization, the Organisation for Economic Co-operation and Development, the Organization the Petroleum Exporting Countries, the European Communities, the European Free Trade Association etc.

This class also includes:

- activities of diplomatic and consular missions when being determined by the country of their location rather than by the country they represent

This class excludes:

- *administration and operation of diplomatic and consular missions stationed abroad or at offices of international organizations, see 7521*