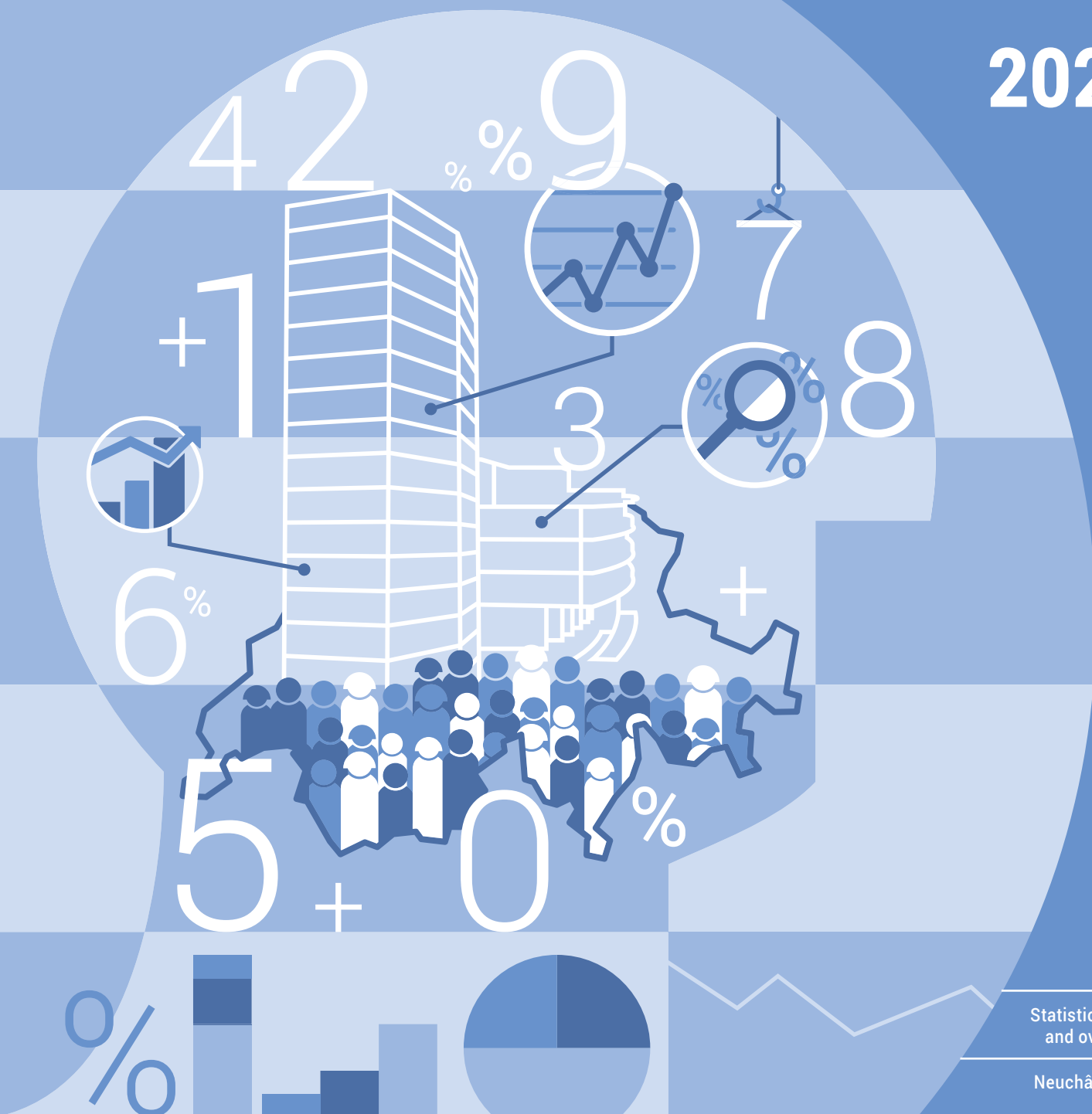


2025



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Statistical basis  
and overviews

Neuchâtel 2026

## NOGA 2025

# General Classification of Economic Activities

Explanatory notes

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Explanatory notes

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- A AGRICULTURE, FORESTRY AND FISHING**  
 This section includes the exploitation of vegetal and animal natural resources, comprising the activities of growing of crops, raising and breeding of animals, harvesting of timber and other plants, and the production of animal products from a farm or natural habitats. This section also includes organic agriculture, aquaculture, the growing of genetically modified crops and the raising of genetically modified animals. This section excludes undifferentiated subsistence goods-producing activities of households, which are classified in type 981000.
- 01 Crop and animal production, hunting and related service activities**  
 This division includes two basic activities, namely the production of crop products and the production of animal products. Mixed farming (group 015) breaks with the usual principles for identifying the main activity. It accepts that many agricultural units have a reasonably balanced production of crops and animals, and that it would be arbitrary to classify them in one category or the other. This division includes the soilless cultivation of crops, such as using hydroponic and aquaponic methods.  
**IMPLEMENTATION RULE:**  
 In agriculture, one frequent situation where the breakdown of the value added presents difficulties is when, a unit manufactures a product from its own agricultural output. For example, when a unit produces grapes and manufactures wine from the own-produced grapes, or when it produces olives and manufactures oil from the own-produced olives. In these cases the most suitable proxy variable is the number of hours worked. Applying this variable to these vertically integrated activities would generally lead to the classification of the units under agriculture. In the same case for other agricultural products, units will be classified in agriculture by convention, in order to guarantee harmonised treatment. This division also includes service activities incidental to agriculture, as well as hunting, trapping and related activities. Agricultural activities exclude any subsequent processing of the agricultural products (classified under divisions 10, 11 and 12), beyond that needed to prepare them for the primary markets. The preparation of products for the primary markets is included here. This division excludes field construction (for example, agricultural land terracing, drainage, preparing rice paddies) classified in section F and buyers and cooperative associations engaged in the marketing of farm products classified in section G. Also excluded are landscape service activities, which are classified in type 813000.
- 011 Growing of non-perennial crops**  
 This group includes the growing of non-perennial crops, in other words plants that do not last for more than two growing seasons. Further included is the growing of these plants for the purpose of seed production.
- 0111 Growing of cereals, other than rice, leguminous crops and oil seeds**
- 011100 Growing of cereals, other than rice, leguminous crops and oil seeds**

This type includes all forms of growing of cereals, leguminous crops and oil seeds. Further included is the growing of these plants for the purpose of seed production. The growing of these crops is often combined within agricultural units.

This type includes:

- growing of cereals, e.g.:

- wheat
- grain maize
- sorghum
- barley
- rye
- oats
- millet
- pseudocereals, in other words fruits or seeds used as cereals, e.g.:
- quinoa
- amaranth
- chia

- growing of leguminous crops, e.g.:

- beans
- broad beans
- chickpeas
- cowpeas
- lentils
- lupines
- peas
- pigeon peas

- growing of oil seeds, e.g.:

- soya beans
- groundnuts
- castor beans
- linseed
- mustard seed
- niger seed
- rapeseed
- safflower seed
- sesame seed
- sunflower seed

This type excludes:

- growing of rice, see 011200
- growing of sweetcorn, see 011300
- growing of maize, lupines, or kale for fodder, see 011900
- growing of oleaginous fruits, see 012600

0112 Growing of rice

011200 Growing of rice

This type includes:

- growing of rice

0113 Growing of vegetables and melons, roots and tubers

011300 Growing of vegetables and melons, roots and tubers

This type includes:

- growing of leafy or stem vegetables, e.g.:
    - artichokes
    - asparagus
    - cabbages
    - cauliflower and broccoli
    - lettuce and chicory
    - spinach
  - growing of fruit-bearing vegetables, e.g.:
    - cucumbers and gherkins
    - eggplants (aubergines)
    - tomatoes
    - watermelons
  - growing of root, bulb or tuberous vegetables, e.g.:
    - carrots
    - turnips
    - garlic
    - onions (including shallots)
    - leeks and other alliaceous vegetables
  - growing of mushrooms and truffles
  - growing of vegetable seeds, including sugar beet seeds, excluding other beet seeds
  - growing of sugar beet
  - growing of chillies, peppers (Capsicum spp.)
  - growing of roots and tubers, e.g.:
    - potatoes
    - sweet potatoes
    - cassava
    - yams
    - swedes and mangolds
- This type also includes:
- growing of sweetcorn
- This type excludes:
- growing of spices and aromatic, drug and pharmaceutical crops, see 012800
  - growing of mushroom spawn, see 013000

0114 Growing of sugar cane

011400 Growing of sugar cane

This type excludes:

- growing of sugar beet, see 011300

0115 Growing of tobacco

011500 Growing of tobacco

This type includes:

- growing of unmanufactured tobacco

This type also includes:

- preliminary processing of tobacco when associated with the growing of tobacco

This type excludes:

- manufacture of tobacco products, see 120000
- preparation of tobacco leaves (e.g. sun drying) by a third party, see 016300

0116 Growing of fibre crops

011600 Growing of fibre crops

This type includes growing of fibre crops, e.g.:

- growing of cotton
- growing of jute, kenaf and other textile bast fibres
- growing of flax and hemp
- growing of sisal and other textile fibre of the genus agave
- growing of abaca, ramie and other vegetable textile fibres

0119 Growing of other non-perennial crops

011900 Growing of other non-perennial crops

This type includes the growing of all other non-perennial crops, e.g.:

- growing of clover, alfalfa, sainfoin, maize, lupines, other grasses, fodder kale and similar forage crops
- growing of beet seeds and seeds of forage plants
- growing of flowers
- cutting of flowers and flower buds
- growing of flower seeds

This type also includes:

- growing of perennial flowers and other ornamental plants

This type excludes:

- growing of sugar beet seeds, see 011300
- growing of non-perennial spices and aromatic, drug and pharmaceutical crops, see 012800

012 Growing of perennial crops

This group includes the growing of perennial crops, i.e. plants that lasts for more than two growing seasons, either dying back after each season or growing continuously. Further included is the growing of these plants for the purpose of seed production.

This group excludes:

- growing of perennial flowers and other ornamental plants, see 011900

0121 Growing of grapes

012101 Growing of grapes for reselling

This type includes:

- growing of grapes for consumption or for further production of wine, juice, vinegar and dried fruit (e.g. raisins, zante currants or sultanas)

This type excludes:

- grape growing combined with wine production, see 012102
- manufacture of wine, see 110200
- manufacture of juice, see 103200

**012102 Growing of grapes for own wine production**

This type includes:

- growing of wine grapes and table grapes from vineyards, combined with wine production from grapes grown on the same estate

This type also includes:

- blending, purification and bottling of wine from grapes grown on the same estate
- low-alcohol and alcohol-free wine production from grapes grown on the same estate

This type excludes:

- manufacture of wine, see 110200

0122 Growing of tropical and subtropical fruits

**012200 Growing of tropical and subtropical fruits**

This type includes:

- growing of tropical and subtropical fruits, e.g.:
  - avocados
  - bananas and plantains
  - dates
  - figs
  - mangoes
  - papayas
  - pineapples
  - rambutans
  - lychees

0123 Growing of citrus fruits

**012300 Growing of citrus fruits**

This type includes:

- growing of citrus fruits, e.g.:
  - grapefruit and pomelo
  - lemons and limes
  - oranges
  - tangerines, mandarins and clementines

0124 Growing of pome fruits and stone fruits

**012400 Growing of pome fruits and stone fruits**

This type includes:

- growing of pome fruits and stone fruits, e.g.:
  - apples
  - apricots
  - cherries and sour cherries

- peaches and nectarines
- pears and quinces
- plums and sloes

This type excludes:

- growing of mangoes, rambutans and lychees, see 012200
- growing of olives, see 012600

0125 Growing of other tree and bush fruits and nuts

**012500 Growing of other tree and bush fruits and nuts**

This type includes:

- growing of berries, e.g.:
  - blueberries
  - fresh currants
  - gooseberries
  - kiwi fruit
  - raspberries
  - strawberries
  - sea buckthorn
- growing of fruit seeds
- growing of edible nuts, e.g.:
  - almonds
  - cashew nuts
  - chestnuts
  - hazelnuts
  - pistachios
  - walnuts
  - pine nuts
- growing of other tree and bush fruits, e.g.:
  - locust beans

This type excludes:

- growing of coconuts, see 012600

0126 Growing of oleaginous fruits

**012600 Growing of oleaginous fruits**

This type includes:

- growing of oleaginous fruits, e.g.:
  - coconuts
  - olives
  - oil palms

This type excludes:

- growing of soya beans, groundnuts and other oil seeds, see 011100
- growing of nuts for oil (e.g. walnuts, almonds, hazelnuts, pine nuts or pistachios), see 012500

0127 Growing of beverage crops

**012700 Growing of beverage crops**

This type includes:

- growing of beverage crops e.g.:

- coffee
- tea
- maté
- cocoa

This type excludes:

- growing of grapes, see 012101
- growing of hops, see 012800

0128 Growing of spices, aromatic, drug and pharmaceutical crops

012800 Growing of spices, aromatic, drug and pharmaceutical crops

This type includes:

- growing of perennial and non-perennial spices and aromatic crops:

- pepper (Piper spp.)
- nutmeg, mace and cardamoms
- anise, badian and fennel as a spice or aromatic plant
- cinnamon (canella)
- cloves
- ginger
- vanilla
- hops
- caraway

- growing of drug and narcotic crops

This type also includes:

- sun drying of spices and aromatic, drug and pharmaceutical plants when associated with the growing of the plants

This type excludes:

- drying of spices and aromatic, drug and pharmaceutical plants by third parties, see 016300

0129 Growing of other perennial crops

012900 Growing of other perennial crops

This type includes:

- growing of rubber trees for harvesting of latex
- growing of Christmas trees
- growing of trees for extraction of sap
- growing of vegetable materials of a kind used primarily for plaiting

This type excludes:

- growing of flowers, cutting of flower buds and growing of flower seeds, see 011900
- gathering of tree sap or rubber-like gums in the wild, see 023000

013 Plant propagation

0130 Plant propagation

**013000 Plant propagation**

This type includes the production of all vegetative planting materials, including cuttings, suckers and seedlings either for direct plant propagation or to create plant grafting stock into which a selected scion is grafted for eventual planting to produce crops.

This type includes:

- growing of plants for planting
- growing of plants for ornamental purposes, including turf for transplanting
- growing of live plants for bulbs, tubers and roots, cuttings and slips, and mushroom spawn
- operation of tree nurseries, except forest tree nurseries

This type excludes:

- growing of plants for the purpose of seed production, see 011, 012
- operation of forest tree nurseries, see 021000

**014 Animal production**

This group includes:

- farming (husbandry, raising) and breeding of all animals, except aquatic animals.

This group excludes:

- farm animal boarding and care, see 016200
- production of hides and skins from slaughterhouses, see 101100

**0141 Raising of dairy cattle**

**014100 Raising of dairy cattle**

This type includes:

- raising and breeding of dairy cattle and/or buffaloes
- production of raw milk from cows or buffaloes
- production of bovine semen of dairy breeds

This type excludes:

- processing of milk, see 1051

**0142 Raising of other cattle and buffaloes**

**014200 Raising of other cattle and buffaloes**

This type includes:

- raising and breeding of cattle and buffaloes for meat
- production of bovine semen of meat breeds

This type also includes:

- raising and breeding of draft cattle or buffaloes
- raising and breeding of fighting bulls

**0143 Raising of horses and other equines**

**014300 Raising of horses and other equines**

This type includes:

- raising and breeding of horses, asses, mules or hinnies, regardless of the purpose

This type excludes:

- operation of racing and riding stables (if they do not have breeding activities), see 931900

0144 Raising of camels and camelids

014400 Raising of camels and camelids

This type includes:

- raising and breeding of camels (dromedary) and camelids

0145 Raising of sheep and goats

014500 Raising of sheep and goats

This type includes:

- raising and breeding of sheep and goats  
- production of raw sheep or goat milk  
- production of raw wool

This type excludes:

- sheep shearing on a fee or contract basis, see 016200  
- production of pulled wool, see 101100  
- processing of milk, see 1051

0146 Raising of swine and pigs

014600 Raising of swine and pigs

This type includes:

- raising and breeding of swine and pigs

0147 Raising of poultry

014700 Raising of poultry

This type includes:

- raising and breeding of poultry, e.g.:  
• chickens, turkeys, ducks, geese, quails, ostriches or guineafowls  
- production of eggs from poultry  
- operation of poultry hatcheries  
- automated egg hatching for poultry

This type excludes:

- production of feathers or down, see 101200

0148 Raising of other animals

014800 Raising of other animals

This type includes:

- raising and breeding of semi-domesticated or other live animals, e.g.:

- birds (except poultry and ostriches)
  - insects
  - rabbits and other fur animals
  - reindeer
  - production of bird skins from ranching operations or skins from farming reptiles (e.g. snakes and turtles)
  - raising and breeding of reptiles, except crocodiles
  - operation of land worm farms, land mollusc farms, land snail farms, etc.
  - raising of silkworms, production of silkworm cocoons
  - beekeeping; production of, bees' byproducts (e.g. honey, beeswax, propolis, bee venom or honeycomb); bee propagation for sale
  - raising and breeding of pets (except fish), e.g.:
    - cats and dogs
    - birds (e.g. parakeets)
    - hamsters
- This type excludes:
- production of hides and skins originating from hunting and trapping, see 017000
  - raising of live ornamental fish, see 032
  - operation of frog farms, crocodile farms, marine worm farms, see 032100, 032200
  - operation of fish farms, see 032100, 032200
  - boarding and training of pets, see 969900
  - operation of shelters for abandoned pets, see 969900

015 Mixed farming

0150 Mixed farming

015000 Mixed farming

This type includes:

- the combined production of crops and animals without a specialised production of crops or animals

**IMPLEMENTATION RULE**

The size of the overall farming operation is not a determining factor. If either the production of crops or the production of animals in a given unit is 66% or more of standard output, the combined activities should not be included here, but allocated to crop or animal farming.

This type excludes:

- mixed crop farming, see 011, 012
- mixed animal farming, see 014

016 Support activities to agriculture and post-harvest crop activities

This group includes activities incidental to agricultural production and activities similar to agriculture not undertaken for production purposes (in the sense of harvesting agricultural products), usually done on a fee or contract basis.

Also included are post-harvest crop activities, aimed at preparing agricultural products for the primary market.

0161 Support activities for crop production

016100 Support activities for crop production

This type includes:

- crop production activities on a fee or contract basis:

- 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
- pest control (including of rabbits) in connection with agriculture

- operation of agricultural irrigation equipment

This type also includes:

- provision of agricultural machinery with operators and crew  
- maintenance of own or leased land, keeping it in good condition, without agricultural production

This type excludes:

- post-harvest crop activities, see 016300
- drainage of agricultural land, see 431200
- landscape architecture, see 711103
- activities of agronomists and agricultural economists, see 749909
- landscape gardening; planting, see 813000
- organisation of agricultural shows and fairs, see 823000

0162 Support activities for animal production

016200 Support activities for animal production

This type includes:

- animal production activities on a fee or contract basis:

- activities to promote the propagation, growth and output of animals
- herd testing services, droving services, agistment services, poultry caponising, coop cleaning, etc.
- activities related to artificial insemination
- stud services
- sheep shearing
- farm animal boarding and care

This type also includes:

- activities of farriers

This type excludes:

- provision of space for animal boarding only, see 682001
- agricultural research activities, see 721002
- veterinary activities, see 750000
- vaccination of animals, see 750000
- rental of animals (e.g. herds or racehorses), see 773909
- pet boarding, see 969900

0163 Post-harvest crop activities and seed processing for propagation

**016300 Post-harvest crop activities and seed processing for propagation**

This type includes post-harvest crop activities on a fee or contract basis:

- preparation of crops for primary markets (e.g. cleaning, trimming, grading or disinfecting)
- cotton ginning
- preparation of tobacco leaves (e.g. sun drying)
- preparation of cocoa beans (e.g. peeling)
- waxing of fruit
- drying of fruit, vegetables, herbs, spices, medicinal herbs and tobacco
- sorting, cleaning and cutting of medicinal herbs
- grain drying
- post-harvest activities aimed at improving the propagation quality of seed (e.g. by the removal of non-seed materials, or damaged or immature seeds, or by reducing the seed moisture to a safe level for storage)
- retting of plants bearing vegetable textile fibres (such as jute, flax or coir), not associated with the growing of vegetable textile fibres
- artificial ripening of fruits as a service (e.g. banana ripening)

This type also includes:

- drying, cleaning, grading and treating of seeds until they are marketed
- treatment of genetically modified seeds

This type excludes:

- preparation of agricultural products by the producer, see the corresponding classes in groups 011, 012, 013
- growing of seeds, see 011, 012
- processing of seeds to obtain oil, see 104100
- stemming and redrying of tobacco, see 120000
- marketing activities of commission merchants and cooperative associations, see division 46
- wholesale of agricultural raw materials, see 462100
- research to develop or modify new forms of seeds, see 721002

017 Hunting, trapping and related service activities

0170 Hunting, trapping and related service activities

**017000 Hunting, trapping and related service activities**

This type includes:

- hunting and trapping on a commercial basis
- taking of wild animals (dead or alive) for i) food, fur or skin and ii) use in research, in zoos or as pets
- production of fur skins, and reptile or bird skins from hunting or trapping activities
- catching of frogs and collecting of snails in the wild

This type also includes:

- land-based catching of sea mammals (e.g. walruses or seals)
- hunting of foxes, minks and wolves to protect livestock
- hunting for animal population control

This type excludes:

- raising of game animals on ranching operations, see 014

- production of bird skins from ranching operations or skins from farming reptiles (e.g. snakes and turtles), see 014800
- pest control (including rabbits) in connection with agriculture, see 016100
- whaling, see 031100
- production of hides and skins originating from slaughterhouses, see 101100
- hunting for sport or recreation and related service activities, see 931900
- service activities to promote hunting and trapping, see 949909

02 Forestry and logging

This division includes silviculture and the production of roundwood as well as the extraction and gathering of wild-growing non-wood forest products. Besides the production of timber, forestry activities result in products that undergo little processing, for example, firewood, charcoal or roundwood used in an unprocessed form (such as pit-props or pulpwood). These activities can be carried out in natural, semi-natural or planted forests. Excluded is further processing of wood beginning with sawmilling and planing of wood, see division 16.

021 Silviculture and other forestry activities

0210 Silviculture and other forestry activities

021000 Silviculture and other forestry activities

This type includes:

- growing of standing timber: planting, replanting, transplanting, thinning and conserving of forests and timber tracts
- growing of coppice, pulpwood and firewood
- operation of forest tree nurseries
- growing of poplar and willow

These activities can be carried out in natural, semi-natural or planted forests.

This type excludes:

- growing of Christmas trees, see 012900
- operation of tree nurseries, except for forest trees, see 013000
- gathering of mushrooms and other wild growing non-wood forest products, see 023000
- production of wood chips and particles, not associated with forestry activities, see 161100
- production of wood fire logs not associated with forestry activities, see 162600
- activities relating to amenity tree care and arboriculture, see 813000
- conservation and maintenance services of national parks, nature parks and reserves, see 914200

022 Logging

0220 Logging

022000 Logging

This type includes:

- production of roundwood for forest-based manufacturing industries
- production of roundwood used in an unprocessed form (e.g. pit-props, fence posts, utility poles)

This type also includes:

- gathering and production of forest harvesting residues (e.g. brushwood, stumps, wood chips from logging, other forest waste for energy)
- production of charcoal in the forest (using traditional methods)

This type excludes:

- growing of Christmas trees, see 012900
- growing of standing timber: planting, replanting, transplanting, thinning and conserving of forests, and timber tracts, see 021000
- gathering of wild growing non-wood forest products, see 023000
- production of wood chips and particles, not associated with forestry activities, see 161100
- production of charcoal through distillation of wood, see 201400

023 Gathering of wild growing non-wood products

0230 Gathering of wild growing non-wood products

023000 Gathering of wild growing non-wood products

This type includes:

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

This type also includes:

- harvesting wild herbs and associated natural drying

This type excludes:

- non-wild growing of any of these products (except growing of cork trees), see division 01
- growing of mushrooms or truffles, see 011300
- growing of berries or nuts, see 012500
- gathering of firewood, see 022000

024 Support services to forestry

0240 Support services to forestry

**024000 Support services to forestry**

This type includes carrying out part of the forestry operation on a fee or contract basis.

This type includes:

- forestry service activities:
  - forestry inventories
  - forest management consulting services
  - timber evaluation
  - forest fire fighting and prevention
  - forest pest control
- logging service activities:
  - transport of logs within the forest

This type excludes:

- operation of forest tree nurseries, see 021000
- draining of forestry land, see 431200
- clearing of building sites, see 431200

**03 Fishing and aquaculture**

This division includes capture fishery and aquaculture, which are characterised by the gathering of marine, brackish or freshwater fish, crustaceans, molluscs, and other organisms and products (for example, aquatic plants, pearls, sponges).

The division also includes service activities incidental to marine or freshwater fishery or aquaculture.

This division excludes:

- processing of fish, crustaceans or molluscs, whether at land-based plants or on factory ships, see 102000
- building and repairing of ships and boats, see 301100, 301300, 331500, 331800
- sport or recreational fishing activities, see 931900

**031 Fishing**

This group includes capture fishery, in other words, the harvesting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms (predominantly fish, molluscs and crustaceans), including plants from the oceanic, coastal or inland waters for human consumption and other purposes by hand or more usually by various types of fishing gear (for example, nets, lines, stationary traps). Such activities can be conducted on the intertidal zones (for example, the collection of molluscs, such as mussels, oysters), coastal waters or offshore waters. These activities also include fishing in restocked water bodies.

**0311 Marine fishing**

**031100 Marine fishing**

This type includes:

- fishing on a commercial basis in ocean and coastal waters
- taking of marine crustaceans and molluscs
- whaling

- taking of marine aquatic animals (e.g. turtles, sea squirts, tunicates, sea urchins)

This type also includes:

- gathering of other marine organisms and materials (e.g. natural pearls, sponges, coral, seaweed, algae)

This type excludes:

- capturing of marine mammals apart from whales (e.g. seals, walruses), see 017000

- processing of whales on factory ships, see 101100

- processing of fish, crustaceans and molluscs on factory ships or in factories ashore, see 102000

- rental of pleasure boats with crew for sea and coastal water transport (e.g. for fishing trips), see 501000

- fishing inspection, protection and patrol services, see 842400

- fishing practiced for sport or recreation and related services, see 931900

- operation of sport fishing preserves, see 931900

0312 Freshwater fishing

031200 Freshwater fishing

This type includes:

- fishing on a commercial basis in inland waters

- taking of freshwater crustaceans and molluscs

- taking of freshwater aquatic animals

This type also includes:

- gathering of freshwater materials

- gathering of other freshwater organisms: seaweed and algae

This type excludes:

- catching of frogs or collection of snails in the wild, see 017000

- collecting wild plants (e.g. reeds, sedges), see 023000

- processing of fish, crustaceans and molluscs on factory ships or in factories ashore, see 102000

- fishing inspection, protection and patrol services, see 842400

- fishing practiced for sport or recreation and related services, see 931900

- operation of sport fishing preserves, see 931900

032 Aquaculture

This group includes aquaculture (or aquafarming), in other words, the production process involving the culturing or farming (including harvesting) of aquatic organisms (for example, fish, molluscs, crustaceans, plants, amphibians) using techniques designed to increase the production of the organisms in question beyond the natural capacity of the environment (for example, regular stocking, feeding and protection from predators).

Aquaculture also encompasses individual, corporate or state ownership of the individual organisms throughout the rearing or culture stage, up to and including harvesting.

Culturing/farming refers to the rearing up to their juvenile and/or adult phase under captive conditions of the above organisms.

This group also includes:

- breeding/farming of fry and adults under artificial conditions

This group excludes:

- production of bird skins from ranching operations or skins from farming reptiles (e.g. snakes and turtles), see 014800
- breeding and raising of reptiles, see 014800

0321 Marine aquaculture

032100 Marine aquaculture

This type includes:

- fish farming in sea water, including farming of marine ornamental fish
- production of bivalve spat (e.g. oyster mussel, etc.), lobsterlings, shrimp post-larvae, fish fry and fingerlings
- growing of seaweed and algae
- culture of crustaceans, bivalves, other molluscs and other aquatic animals in sea water

This type also includes:

- aquaculture activities in brackish waters
- land-based aquaculture activities in salt water filled tanks and reservoirs
- operation of marine fish hatcheries and marine worm farms
- marine microalgae cultivation

This type excludes:

- frog farming, see 032200
- operation of sport fishing preserves, see 931900

0322 Freshwater aquaculture

032200 Freshwater aquaculture

This type includes:

- fish farming in freshwater, including farming of freshwater ornamental fish
- culture of freshwater crustaceans, bivalves, other molluscs and other aquatic animals
- operation of fish hatcheries (freshwater)
- farming of frogs
- growing of seaweed and algae (edible or not)

This type also includes:

- freshwater microalgae cultivation

This type excludes:

- aquaculture activities in salt water filled tanks and reservoirs, see 032100
- operation of sport fishing preserves, see 931900

033 Support activities for fishing and aquaculture

0330 Support activities for fishing and aquaculture

033000 Support activities for fishing and aquaculture

This type includes:

- service activities incidental to marine or freshwater fishery or aquaculture, e.g.:
  - diving services for aquaculture

- remotely operated underwater vehicles (ROV) services for aquaculture
- repair and maintenance services for fish cages
- other support activities on fishing and aquaculture n.e.c.

This type also includes:

- fisheries control (fish guard)

This type excludes:

- fishing and aquaculture activities, see 031, 032

- processing of fish and aquaculture products on factory ships or in factories ashore, see 102000

- processing of fish, crustaceans and molluscs, see 102000

- activities related to the servicing of equipment and/or vessels, see division 33

- distribution of fisheries and aquaculture products, see divisions 46, 47, 52

- fishing practiced for sport or recreation and related services, see 931900

- operation of sport fishing preserves, see 931900

B

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 different methods (for example, underground or surface mining, well operation, seabed mining).

This section includes supplementary activities aimed at preparing the crude materials for marketing (for example, crushing, grinding, cleaning, drying, sorting, concentrating ores and liquefaction of natural gas).

Mining activities are classified into divisions, groups and classes on the basis of the principal mineral produced. Divisions 05, and 06 are concerned with mining and quarrying of fossil fuels (coal, lignite, petroleum, gas); divisions 07 and 08 concern metal ores, various minerals and quarry products.

Some of the technical operations of this section, particularly related to the extraction of hydrocarbons, may also be carried out for third parties by specialised units as an industrial service, activity which is reflected in division 09.

This section excludes:

- further processing of the extracted materials, see section C
- use of the extracted materials without further transformation for construction purposes, see section F
- bottling of natural spring and mineral waters at springs and wells, see 110700
- remediation of mine sites, see 390000

05

Mining of coal and lignite

This division includes the extraction of solid mineral fuels through underground or open-cast mining and includes operations (for example, grading, cleaning, compressing and other steps necessary for transport) leading to a marketable product.

This division excludes:

- coking, see 191000
- services incidental to coal or lignite mining, see 099000
- manufacture of briquettes, see 192000

051

Mining of hard coal

0510

Mining of hard coal

051000

Mining of hard coal

This type includes:

- mining of hard coal: underground or surface mining, including mining through liquefaction methods
- cleaning, sizing, grading, pulverising, compressing, etc. of coal to classify, improve quality or facilitate transport or storage

This type also includes:

- recovery of hard coal from culm banks

This type excludes:

- lignite mining, see 052000
- peat digging, see 089200

- support activities for hard coal mining, see 099000
- test drilling for coal mining, see 099000
- coke ovens producing solid fuels, see 191000
- manufacture of hard coal briquettes, ovoids and similar solid hard coal fuels, see 192000
- work performed to develop or prepare properties for coal mining, see 431200

052 Mining of lignite

0520 Mining of lignite

052000 Mining of lignite

This type includes:

- mining of lignite (brown coal): underground or surface mining, including mining through liquefaction methods
- washing, dehydrating, pulverising, compressing of lignite to improve quality or facilitate transport or storage

This type excludes:

- hard coal mining, see 051000
- peat digging, see 089200
- support activities for lignite mining, see 099000
- test drilling for coal mining, see 099000
- manufacture of lignite fuel briquettes, ovoids and similar solid lignite fuels, see 192000
- work performed to develop or prepare properties for lignite mining, see 431200

06 Extraction of crude petroleum and natural gas

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 also includes the activities of operating and/or developing oilfields and gas fields. Such activities may include drilling, completing and equipping wells; operating separators, emulsion breakers, desalting equipment and field gathering lines for crude petroleum; all other activities in the preparation of oil and gas up to the point of shipment from the producing property.

This division excludes:

- support activities for oilfields and gas fields, performed on a fee or contract basis, see 091000
- exploration of oil and gas wells, see 091000
- test drilling and boring in connection with petroleum or gas extraction, see 091000
- refining of petroleum products, see 192000
- geophysical, geologic and seismic surveying, see 711205

061 Extraction of crude petroleum

0610 Extraction of crude petroleum

**061000 Extraction of crude petroleum**

This type includes:

- extraction of crude petroleum oils

This type 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 (e.g. decantation, desalting, dehydration, stabilisation)

This type excludes:

- extraction of condensates or natural gas liquids, see 062000

- support activities for oil and natural gas extraction, see 091000

- oil and gas exploration, see 091000

- production of natural gas liquids from crude petroleum (crude oil), see 192000

- manufacture of refined petroleum products, see 192000

- recovery of liquefied petroleum gases in the refining of petroleum, see 192000

- operation of pipelines, see 495000

062 Extraction of natural gas

0620 Extraction of natural gas

**062000 Extraction of natural gas**

This type includes:

- production of crude gaseous hydrocarbon (natural gas)

- extraction of condensates

- draining and separation of liquid hydrocarbon fractions

- gas desulphurisation

- extraction of coal mine methane

This type also includes:

- mining of hydrocarbon liquids obtained through liquefaction or pyrolysis

- fracking to extract coal seam gas

This type excludes:

- support activities for oil and natural gas extraction, see 091000

- oil and gas exploration, see 091000

- production of natural gas liquids from crude petroleum (crude oil), see 1920

- recovery of liquefied petroleum gases in the refining of petroleum, see 192000

- manufacture of industrial gases, see 201100

- operation of pipelines, see 495000

07 Mining of metal ores

This division includes mining for metallic minerals (ores), performed through underground or open-cast extraction, seabed mining, and so on.

This division also includes:

- ore dressing and beneficiating operations (e.g. crushing, grinding, washing, drying, sintering, calcining or leaching ore, gravity separation or flotation operations)

This division excludes:

- roasting of iron pyrites, see 201300
- operation of blast furnaces, see division 24
- production of aluminium oxide, see 244200

071 Mining of iron ores

0710 Mining of iron ores

071000 Mining of iron ores

This type includes:

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

This type excludes:

- extraction and preparation of pyrites and pyrrhotite (except roasting), see 089100

072 Mining of non-ferrous metal ores

This group includes the mining of non-ferrous metal ores.

0721 Mining of uranium and thorium ores

072100 Mining of uranium and thorium ores

This type includes:

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

This type excludes:

- enrichment of uranium and thorium ores, see 201300
- production of uranium metal from pitchblende or other ores, see 244600
- smelting and refining of uranium, see 244600

0729 Mining of other non-ferrous metal ores

072900 Mining of other non-ferrous metal ores

This type includes:

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

This type excludes:

- mining and preparation of uranium and thorium ores, see 072100
- production of aluminium oxide, see 244200

- production of mattes of copper, see 244400
- production of mattes of nickel, see 244500

08 Other mining and quarrying

This division includes extraction from a mine or quarry, but also dredging of alluvial deposits, rock crushing and the use of salt marshes. The products are used most notably in construction (for example, sands, stones), the manufacture of materials (for example, clay, gypsum, calcium), the manufacture of chemicals, and so on.

This division excludes processing (except crushing, grinding, cutting, cleaning, drying, sorting and mixing) of the minerals extracted, see section C.

081 Quarrying of stone, sand and clay

0811 Quarrying of ornamental stone, limestone, gypsum, slate and other stone

081100 Quarrying of ornamental stone, limestone, gypsum, slate and other stone

This type includes:

- quarrying, rough trimming and sawing of monumental and building stone (for example, marble, granite, sandstone)
- breaking and crushing of ornamental and building stone
- quarrying, crushing and breaking of limestone
- mining of gypsum and anhydrite
- mining of chalk and uncalcined dolomite
- production of granules, chippings and powder of extracted stones, whether heat-treated or not

This type excludes:

- mining of chemical and fertiliser minerals, see 089100
- production of calcined dolomite, see 235200
- cutting, shaping and finishing of stone outside quarries, see 2370

0812 Operation of gravel and sand pits and mining of clay and kaolin

081200 Operation of gravel and sand pits and mining of clay and kaolin

This type includes:

- extraction and dredging of industrial sand, sand for construction and gravel
- breaking and crushing of gravel
- quarrying of sand
- mining of clays, refractory clays and kaolin

This type excludes:

- mining of bituminous sand, see 061000

089 Mining and quarrying n.e.c.

0891 Mining of chemical and fertiliser minerals

**089100 Mining of chemical and fertiliser minerals**  
This type 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 type also includes:  
- guano mining  
- mining of medicinal mud  
- extraction processes to produce lithium from brine  
This type excludes:  
- extraction of salt, see 089300  
- roasting of iron pyrites, see 201300  
- manufacture of synthetic fertilisers and nitrogen compounds, see 201500

0892 Extraction of peat

**089200 Extraction of peat**  
This type includes:  
- peat digging  
- preparation of peat to improve quality or facilitate transport/storage  
This type excludes:  
- service activities incidental to peat mining, see 099000  
- manufacture of peat briquettes, see 192000  
- manufacture of potting soil mixtures (e.g. of peat, natural soil, sands, clays, fertiliser minerals), see 201500  
- manufacture of articles of peat, see 239900

0893 Extraction of salt

**089300 Extraction of salt**  
This type 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 by the producer  
This type excludes:  
- processing of salt into food-grade salt (e.g. iodised salt), see 108400  
- potable water production by evaporation of saline water, see 360000

0899 Other mining and quarrying n.e.c.

**089900 Other mining and quarrying n.e.c.**  
This type includes:  
- mining and quarrying of various minerals and materials:

- abrasive materials, asbestos, siliceous fossil meals, natural graphite, steatite (talc), feldspar, etc.
- natural asphalt, asphaltites and asphaltic rock; natural solid bitumen
- gemstones, quartz, mica, etc.

09 Mining support service activities

This division includes specialised support services incidental to mining provided on a fee or contract basis. It includes exploration services through traditional prospecting methods (for example, taking core samples and making geological observations as well as drilling, test-drilling or re-drilling for oil wells, metallic and non-metallic minerals). Other typical services cover building oil and gas well foundations, cementing oil and gas well casings, cleaning, bailing and swabbing oil and gas wells, draining and pumping mines, and so on.

091 Support activities for petroleum and natural gas extraction

0910 Support activities for petroleum and natural gas extraction

091000 Support activities for petroleum and natural gas extraction

This type includes:

- oil and gas extraction service activities provided on a fee or contract basis:
  - exploration services in connection with petroleum or gas extraction (e.g. traditional prospecting methods, making geological observations at prospective sites)
  - 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.
  - liquefaction and regasification of natural gas for the purpose of transport, done at the mine site
  - draining and pumping services on a fee or contract basis
  - test drilling in connection with petroleum or gas extraction

This type also includes:

- oil and gas field firefighting services and fire-prevention services for oilfields and gas fields

This type excludes:

- service activities performed by operators of oilfields or gas fields, see 061000, 062000
- specialised repair and maintenance of drilling and extraction machinery and equipment, see 331200
- specialised offshore installation, repair and maintenance of equipment that forms an integral part of floating platforms, see division 43
- liquefaction and regasification of natural gas for the purpose of of land or water transport, not done at the mine site, see 522103 or 522200
- geophysical surveying services, on a contract or fee basis, see 711205

099 Support activities for other mining and quarrying

0990 Support activities for other mining and quarrying

**099000 Support activities for other mining and quarrying**

This type includes:

- support services on a fee or contract basis, required for mining activities of divisions 05, 07, 08
  - exploration services by using traditional prospecting methods (e.g. taking core samples and making geological observations at prospective sites)
  - draining and pumping services, on a fee or contract basis
  - test drilling and test hole boring
- securing mine shafts and tunnels
- demolition and dismantling of underground mining facilities

This type excludes:

- operating mines or quarries on a contract or fee basis, see divisions 05, 07, 08
- specialised repair and maintenance of mining machinery, see 331200
- geophysical surveying services, on a contract or fee basis, see 711205

## C

### MANUFACTURING

This section includes the physical, mechanical, chemical or biological transformation of materials, substances, or components into new products, although this cannot be used as the single universal criterion for defining manufacturing (see remark on processing of waste below). The materials, substances, or components undergoing transformation are either raw materials or products of agriculture, forestry, fishing, mining or quarrying as well as products of other manufacturing activities. Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.

The output of a manufacturing process may be finished in the sense that it is ready for use or consumption, or it may be semi-finished in the sense that it is to become an input for further manufacturing. For example, the output of alumina refining is the input used in the primary production of aluminium; primary aluminium is the input to aluminium wire drawing; aluminium wire is the input for the manufacture of fabricated wire products. Manufacture of specialised 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 unspecialised components and parts of machinery and equipment (for example, 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.

Making specialised components and accessories by moulding or extruding plastics materials is usually included in group 222.

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.

The recovery of waste, in other words, the processing of waste into secondary raw materials\* is classified in group 382. While this may involve physical, mechanical, biological or chemical transformations, this is not considered to be a part of manufacturing activities. The primary purpose of these activities is considered to be the treatment or processing of waste and they are therefore classified in section E. However, the manufacture of new products from secondary raw materials is classified in manufacturing, even if these processes use waste as an input. For example, the production of silver from film waste is considered to be a manufacturing process.

Specialised maintenance and repair of industrial, commercial and similar machinery and equipment is, in general, classified in division 33. However, the repair and maintenance of computers, personal and household goods, motor vehicles and motorcycles is classified in division 95.

The installation of machinery and equipment, when carried out as a specialised activity, is classified in class 3320.

Maintenance, repair and installation of equipment that forms an integral part of buildings or similar structures (for example, maintenance, repair and installation of escalators or of air-conditioning systems) is classified as construction in section F, if carried out at the construction site).

This section also contains the activities of factoryless goods producers (FGPs) in manufacturing (see introductory guidelines, Chapter 3.4.4).

As a general rule, the activities in the manufacturing section involve the transformation of materials into new, rebuilt and remanufactured products. Their output is a new product. As clarification, the following activities are considered manufacturing in NOGA:

- fresh fish processing (oyster shucking, fish filleting), not done on a fishing boat, see 102000
- milk pasteurising and bottling, see 105101
- leather converting, see 151100
- wood preserving, see 161200
- printing and related activities, excluding published goods, see 181
- tyre retreading, see 221100
- ready-mixed concrete production, see 236300
- galvanising, electroplating, plating, etc., and other metallic or non-metallic coating of metals, see 255100
- heat treatment of metals, see 255200
- refilling of ink cartridges, see 262000
- refiling or recharging of fire extinguishers, see 282900
- rebuilding or remanufacture of machinery (e.g. automobile engines), see 291000
- assembly provided by a seller or blending of several products to be sold. If assembly is provided by a contractor, this activity should be classified in manufacturing.

Conversely, there are activities that, although sometimes involving transformation processes, are classified in other sections of NOGA; in other words, they are not considered as manufacturing. They include:

- logging, classified in section A
- beneficiating of agricultural products, classified in section A
- preparation of food for immediate consumption on the premises, classified in division 56
- beneficiating of ores and other minerals, classified in section B
- production of gaseous fuels for energy supply through a permanent network, classified in section D
- production of compost from organic waste, classified in section E
- assembly provided as part of a delivery or by a seller; however, if assembly is the main activity provided by a contractor, it is classified in manufacturing
- activities of breaking bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products (e.g. as liquors or chemicals), sorting and reselling of scrap; mixing paints to customer order, cutting metals to customer order; treatment not resulting in a different good, classified in section G
- publishing and the combined activities of publishing and printing, classified in section J

NOTE: \*Secondary raw materials are materials and products which can be used as raw materials by simple re-use, or via recycling and recovery.

10

#### Manufacture of food products

This division includes the processing of products of agriculture, forestry and fishing into food 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 organised by activities dealing with different kinds of products: meat, fish, fruits and vegetables, fats and oils, milk products, grain mill products, animal feed and other food products. Production can be carried out for own account, as well as for third parties, as in custom slaughtering.

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

This division also includes the manufacture of liquids considered food or that use similar manufacturing processes (for example milk and fruit juice / concentrate).

This division excludes the preparation of meals for immediate consumption, see division 56.

101 Processing and preserving of meat and production of meat products

1011 Processing and preserving of meat, except of poultry meat

101100 Processing and preserving of meat, except of poultry meat

This type includes:

- operation of slaughterhouses engaged in killing, dressing or packing meat: beef, pork, lamb, rabbit, mutton, camel, etc.
- production of fresh, chilled or frozen meat, in carcasses
- production of fresh, chilled or frozen meat, in cuts

This type also includes:

- slaughtering and processing of whales on land or on specialised vessels
- production of hides and skins originating from slaughterhouses (e.g. by fellmongery and salting)
- rendering and refining of lard and other edible animal

This type excludes:

- rendering of edible poultry fats, see 101200
- production of dried, salted or smoked meat, and meat products, see 101300

1012 Processing and preserving of poultry meat

101200 Processing and preserving of poultry meat

This type includes:

- operation of slaughterhouses engaged in killing, dressing or packing poultry
- production of fresh, chilled or frozen meat in individual portions
- rendering of edible poultry fats

This type also includes:

- cleaning, disinfecting, treating for preservation, and trimming of feathers and down

1013 Production of meat and poultry meat products

**101300 Production of meat and poultry meat products**

This type includes:

- production of preserved meat (e.g. by cooking, drying, salting or smoking)
- production of meat products:
  - sausages, salami, puddings, andouillettes, saveloys, bolognas, pâtés, rillettes, boiled ham

This type excludes:

- manufacture of prepared meat and poultry dishes, see 108500
- manufacture of soup containing meat, see 108900
- wholesale of meat, see 463200

102 Processing and preserving of fish, crustaceans and molluscs

1020 Processing and preserving of fish, crustaceans and molluscs

**102000 Processing and preserving of fish, crustaceans and molluscs**

This type includes:

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

This type also includes:

- activities of factory vessels not engaged in fishing and only in the processing and preserving of fish
- processing of seaweed
- removing fish heads, gutting and cutting fish into pieces, and then freezing

This type excludes:

- processing and preserving of fish on vessels engaged in fishing, see 031100
- processing of whales on land or specialised vessels, see 101100
- production of oils and fats of fish and marine mammals, see 104100
- manufacture of prepared fish dishes, see 108500
- manufacture of fish soups, see 108900

103 Processing and preserving of fruit and vegetables

1031 Processing and preserving of potatoes

**103100 Processing and preserving of potatoes**

This type includes:

- 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
- peeling and cutting of potatoes

1032 Manufacture of fruit and vegetable juice

**103200 Manufacture of fruit and vegetable juice**

This type includes:

- manufacture of fruit or vegetable juices

This type also includes:

- production of concentrates from fresh fruits and vegetables

This type excludes:

- manufacture of beverages produced with fruit nectars, see 110700

1039 Other processing and preserving of fruit and vegetables

**103900 Other processing and preserving of fruit and vegetables**

This type includes:

- manufacture of food consisting chiefly of fruits or vegetables
- preserving of fruits, nuts or vegetables (e.g. freezing, drying, freeze-drying, drying by infra-red radiation, immersing in oil or in vinegar, canning, high pressure, high temperature)
- manufacture of fruit or vegetable food products
- manufacture of jams, marmalades and table jellies
- shelling, peeling and roasting of nuts
- manufacture of nut foods and pastes

This type also includes:

- manufacture of perishable prepared foods of fruits and vegetables, e.g.:
  - salads; mixed salads, packaged
  - peeled or cut vegetables
  - tofu (bean curd)

This type excludes:

- manufacture of fruit and vegetable juices, see 103200
- manufacture of flour or meal of dried leguminous vegetables, see 106100
- preservation of fruits and nuts in sugar, see 108202
- manufacture of prepared vegetable dishes, see 108500
- manufacture of artificial concentrates, see 108900

104 Manufacture of vegetable and animal oils and fats

This group includes the manufacture of crude and refined oils and fats from vegetable or animal materials.

This group excludes the rendering or refining of lard and edible animal fats of bovine animals, sheep, goats, pigs and poultry, see 101.

1041 Manufacture of oils and fats

104100	<p>Manufacture of oils and fats</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of crude and refined vegetable oils (e.g. olive oil, soya-bean oil, hemp oil, sunflower-seed oil, rape oil)</li> <li>- manufacture of non-defatted flour or meal of oilseeds, oil nuts or oil kernels</li> <li>- processing of vegetable oils (e.g. blowing, boiling, dehydration, hydrogenation)</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- manufacture of non-edible animal oils and fats</li> <li>- extraction of fish and marine mammal oils</li> <li>- production of cotton linters, oilcakes and other residual products of oil production</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- rendering and refining of lard and other edible fats of bovine animals, sheep, goats or pigs, see 101100</li> <li>- rendering of edible poultry fats, see 101200</li> <li>- manufacture of margarine, see 104200</li> <li>- wet corn milling, see 106200</li> <li>- manufacture of corn oil, see 106200</li> <li>- manufacture of essential oils, see 205900</li> <li>- treatment of oil and fats by chemical processes, see 205900</li> </ul>
1042	Manufacture of margarine and similar edible fats
104200	<p>Manufacture of margarine and similar edible fats</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of margarine</li> <li>- manufacture of melanges and similar spreads</li> <li>- manufacture of compound cooking fats</li> </ul>
105	<p>Manufacture of dairy products and edible ice</p> <p>This group excludes:</p> <ul style="list-style-type: none"> <li>- production of plant-based milk substitutes, see 110700</li> </ul>
1051	Manufacture of dairy products
105101	<p>Manufacture of fresh dairy products</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of fresh liquid milk, pasteurised, sterilised, homogenised and/or ultra-heat treated</li> <li>- manufacture of milk-based drinks</li> <li>- manufacture of cream from fresh liquid milk, pasteurised, sterilised, homogenised</li> <li>- manufacture of butter</li> <li>- manufacture of yoghurt</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- production of raw milk of cattle, see 014100</li> <li>- production of raw milk of sheep, goats, horses, asses, camels, etc., see 014300, 014400, 014500</li> </ul>

- manufacture of non-dairy milk (e.g. plant-based milk), see 110700
- manufacture of cheese substitutes, see 108900

**105102 Manufacture of cheese**

This type includes:

- manufacture of cheese and curd
- refining and ageing cheese

This type excludes:

- manufacture of cheese substitutes, see 108900

**105103 Other milk processing**

This type includes:

- manufacture of dried or concentrated milk, whether or not sweetened
- manufacture of milk or cream in solid form
- manufacture of whey
- manufacture of casein
- manufacture of lactose-free dairy products

This type also includes:

- manufacture of milk kefir
- manufacture of lactose and lactose syrup

This type excludes:

- production of milk-based dietary drinks, see 108600
- production of dairy-based infant formulae, see 108600
- manufacture of fruit kefir and water kefir, see 110300

**1052 Manufacture of ice cream and other edible ice**

**105200 Manufacture of ice cream and other edible ice**

This type includes:

- manufacture of ice cream and other edible ice (e.g. sorbet)

This type excludes:

- production of ice from natural water for cooling purposes, see 353000
- activities of ice cream parlours, see 561101

**106 Manufacture of grain mill products, starches and starch products**

This group includes the milling of flour or meal from grains or vegetables, the cleaning, polishing and milling of rice, as well as the micronisation and thermal processing of flour and the manufacture of flour mixes or doughs from these products.

Also included in this group are the wet milling of corn and vegetables and the manufacture of starch and starch products. This group also includes the manufacture of gluten-free mill products.

This group excludes:

- grain drying on a fee or contract basis, see 016300

**1061 Manufacture of grain mill products**

**106100 Manufacture of grain mill products**

This type includes:

- grain milling: production of flour, semolina, 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, pancakes, etc.
- This type excludes:
- preparation of crops for primary markets (e.g. cleaning, trimming, grading, etc.), see 016300
  - grain drying, on a fee or contract basis, see 016300
  - manufacture of potato flour and meal, see 103100
  - wet corn milling, see 106200

1062 Manufacture of starches and starch products

**106200 Manufacture of starches and starch products**

This type 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 type excludes:

- manufacture of lactose (milk sugar), see 105103
- production of cane or beet sugar, see 108100

107 Manufacture of bakery and farinaceous products

This group includes the production of bakery products, macaroni, noodles and similar products.

This group also includes:

- manufacture of gluten-free bakery and farinaceous products

1071 Manufacture of bread; manufacture of fresh pastry goods and cakes

**107100 Manufacture of bread; manufacture of fresh pastry goods and cakes**

This type includes:

- manufacture of bakery products:
  - bread and rolls
  - pastry, cakes, pies, tarts, pancakes, waffles, etc.

This type also includes:

- manufacture of pre-baked bread

This type excludes:

- manufacture of dry bakery products, see 107200
- manufacture of pastas, see 107300
- retail sale of bread and rolls baked on the premises from pre-baked products, see 472400

1072 Manufacture of rusks, biscuits, preserved pastries and cakes

**107200 Manufacture of rusks, biscuits, preserved pastries and cakes**

This type includes:

- manufacture of rusks, biscuits and other dry bakery products
- manufacture of preserved pastry goods, cakes and waffles
- manufacture of snack products (cookies, crackers, pretzels, etc.), whether sweet or salted

This type also includes:

- manufacture of breadcrumbs, obtained by grinding toasted bread

This type excludes:

- manufacture of potato snacks, see 103100

1073 Manufacture of farinaceous products

**107300 Manufacture of farinaceous products**

This type includes:

- manufacture of pastas (e.g. macaroni and noodles, whether or not cooked or stuffed)
- manufacture of couscous

This type excludes:

- manufacture of prepared meals and dishes based on pasta and/or couscous dishes, see 108500
- manufacture of soup containing pasta, see 108900

108 Manufacture of other food products

This group includes the production of sugar and confectionery, prepared meals and dishes, coffee, tea and spices.

1081 Manufacture of sugar

**108100 Manufacture of sugar**

This type 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
- production of maple syrup and sugar

This type excludes:

- gathering of maple syrup in the wild, see 023000
- manufacture of lactose and lactose syrup, see 105103
- manufacture of glucose, glucose syrup, maltose, see 106200

1082 Manufacture of cocoa, chocolate and sugar confectionery

**108201 Manufacture of cocoa and chocolate**

This type includes:

- manufacture of cocoa, cocoa butter, cocoa fat, cocoa oil
- manufacture of chocolate and chocolate confectionery

**108202 Manufacture of confectionery and sugar confectionery**

This type includes:

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

This type excludes:

- manufacture of sucrose sugar, see 108100

1083 Processing of tea and coffee

**108300 Processing of tea and coffee**

This type 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
- manufacture of extracts and preparations based on tea or maté

This type also includes:

- manufacture of herb infusions (mint, vervain, chamomile, etc.)
- manufacture of tea and coffee filled in bags, pads or capsules

This type excludes:

- drying, sorting, cleaning and cutting in the processing of medicinal herbs by third parties, see 016300
- manufacture of inulin, see 106200
- manufacture of spirits, beer, wine and soft drinks, see division 11
- preparation of botanical products for pharmaceutical use, see 212000

1084 Manufacture of condiments and seasonings

**108400 Manufacture of condiments and seasonings**

This type includes:

- manufacture of spices, sauces and condiments:
  - mayonnaise
  - mustard flour and meal
  - prepared mustard, etc.
- manufacture of vinegar

This type also includes:

- processing of salt into food-grade salt (e.g. iodised salt)
- processing of condiments and herbs, including drying, sorting, cleaning and cutting

This type excludes:

- growing of spice crops, see 012800

1085 Manufacture of prepared meals and dishes

**108500** Manufacture of prepared meals and dishes

This type includes the manufacture of ready-made (in other words prepared, seasoned and cooked) meals and dishes. These dishes are processed and conserved (for example, in frozen or canned form) and are usually packaged and labelled for resale, in other words, this class excludes the preparation of meals for immediate consumption (for example, food prepared in restaurants or by caterers). To be considered a dish, these foods have to contain at least two distinct main ingredients (except seasonings, and so on).

This type includes:

- manufacture of meat or poultry dishes
- manufacture of fish dishes, including fish and chips
- manufacture of pasta and rice dishes
- manufacture of vegetable dishes
- manufacture of frozen or otherwise preserved pizza and croque-monsieur

This type excludes:

- manufacture of fresh foods or foods with less than two ingredients, see corresponding class in division 10
- manufacture of perishable prepared foods of fruits and vegetables, see 103900
- manufacture of perishable prepared foods, see 108900
- wholesale of prepared meals and dishes, see 463800
- retail sale of prepared meals and dishes, see 4711, 472700
- activities of event catering and contract catering services, see 562

1086 Manufacture of homogenised food preparations and dietetic food

**108600** Manufacture of homogenised food preparations and dietetic food

This type includes:

- manufacture of foods for particular nutritional uses:
  - infant formulae
  - follow-up formulae milk and other follow-up foods
  - baby foods
  - low-energy and energy-reduced foods intended for weight control
  - foods for medical purposes

This type excludes:

- manufacture of lactose-free dairy products, see 105103
- manufacture of gluten-free products, see 106, 107
- manufacture of sugar-free confectionery, see 108202

1089 Manufacture of other food products n.e.c.

**108900** Manufacture of other food products n.e.c.

This type includes the manufacture of food products edible within a maximum of three days after production:

- manufacture of soups and broths
  - manufacture of perishable prepared foods, e.g.:
    - sandwiches
    - fresh (uncooked) pizza
  - manufacture of quiche and croque-monsieur
- This type also includes:
- manufacture of yeast
  - manufacture of extracts and juices of meat, fish, crustaceans or molluscs
  - manufacture of meat and cheese substitutes
  - manufacture of egg products (e.g. egg albumin)
  - manufacture of artificial concentra
- This type excludes:
- manufacture of perishable prepared foods of fruits and vegetables, see 103900
  - manufacture of tofu (bean curd), see 103900
  - manufacture of frozen pizza, see 108500
  - manufacture of spirits, beer, wine and soft drinks, see division 11
  - production of plant-based milk substitutes (e.g. coconut, rice, almond, soya-based beverages), see 110700
  - manufacture of vitamins, see 211000

109 Manufacture of prepared animal feeds

1091 Manufacture of prepared feeds for farm animals

109100 Manufacture of prepared feeds for farm animals

This type includes:

- manufacture of prepared feed for farm animals, including concentrated animal feed and feed supplements
- preparation of unmixed (single) feed for farm animals

This type also includes:

- processing of waste products from the food industry into animal feed

This type excludes:

- manufacture of meat products, see 101300
- manufacture of fishmeal for animal feed, see 102000
- manufacture of oilseed cake, see 104100
- activities resulting in by-products usable as animal feed without special treatment (e.g. oilseeds (see 104100), grain milling residues (see 106100), etc.)

1092 Manufacture of prepared pet foods

109200 Manufacture of prepared pet foods

This type includes:

- manufacture of prepared feed for pets, including dogs, cats, birds, fish, etc.

This type also includes:

- processing of slaughter waste to produce animal feed

This type excludes:

- manufacture of meat products, see 101300
- production of fishmeal for animal feed, see 102000
- production of oilseed cake, see 104100
- activities resulting in by-products usable as animal feed without special treatment (e.g. oilseeds (see 104100), grain milling residues (see 106100), etc.)

11 Manufacture of beverages

This division includes the manufacture of beverages (for example, non-alcoholic beverages and mineral waters, the manufacture of alcoholic beverages mainly through fermentation, beer and wine, and the manufacture of distilled alcoholic beverages).

This division excludes:

- manufacture of fruit and vegetable juices, see 103200
- manufacture of milk-based drinks, see 105101
- manufacture of coffee, tea and maté products, see 108300

110 Manufacture of beverages

1101 Distilling, rectifying and blending of spirits

110100 Distilling, rectifying and blending of spirits

This type includes:

- manufacture of distilled, potable, alcoholic beverages: whisky, brandy, gin, liqueurs, etc.
- manufacture of drinks mixed with distilled alcoholic beverages
- blending of distilled spirits
- production of neutral spirits

This type excludes:

- manufacture of non-distilled alcoholic beverages, see 110200 to 110500
- manufacture of synthetic ethyl alcohol, see 201400
- manufacture of ethyl alcohol from fermented materials, see 201400
- merely bottling and labelling, see 4634 (if performed as part of wholesale) and 829200 (if performed on a fee or contract basis)

1102 Manufacture of wine from grape

110200 Manufacture of wine from grape

This type includes:

- manufacture of wine of fresh grapes
- manufacture of sparkling wine
- manufacture of fortified wines
- manufacture of wine from concentrated grape must

This type also includes:

- blending, purification and bottling of wine
- manufacture of low or non-alcoholic wine

This type excludes:

- manufacture of wine from raisins, see 110300

- merely bottling and labelling, see 4634 (if performed as part of wholesale) and 829200 (if performed on a fee or contract basis)

1103 Manufacture of cider and other fermented fruit beverages

**110300 Manufacture of cider and other fermented fruit beverages**

This type includes:

- manufacture of fermented but not distilled alcoholic beverages: mead, sake, cider, perry and other fruit wines
- manufacture of wine from raisins

This type also includes:

- manufacture of mixtures of fermented beverages and non-alcoholic beverages n.e.c.
- manufacture of fruit kefir and water kefir

This type excludes:

- manufacture of wine from grapes , see 110200
- merely bottling and labelling, see 4634 (if performed as part of wholesale) and 829200 (if performed on a fee or contract basis)

1104 Manufacture of other non-distilled fermented beverages

**110400 Manufacture of other non-distilled fermented beverages**

This type includes:

- manufacture of aromatised wine of fresh grapes, flavoured with aromatic substances (e.g. vermouth)

This type excludes:

- merely bottling and labelling, see 4634 (if performed as part of wholesale) and 829200 (if performed on a fee or contract basis)

1105 Manufacture of beer

**110500 Manufacture of beer**

This type includes:

- manufacture of malt liquors (e.g. beer, ale, porter, stout)

This type also includes:

- manufacture of low alcohol or non-alcoholic beer

1106 Manufacture of malt

**110600 Manufacture of malt**

This type includes:

- manufacture of malt from barley, wheat, or other grains

This type excludes:

- manufacture of malt extracts and syrups, see 108900

1107 Manufacture of soft drinks and bottled waters

**110700**    **Manufacture of soft drinks and bottled waters**

This type includes the manufacture of non-alcoholic beverages (except non-alcoholic beer and wine):

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

This type also includes:

- manufacture of beverages produced with fruit nectars
- production of plant-based milk substitutes (e.g. coconut, rice, almond, soya-based beverages)

This type excludes:

- production of fruit and vegetable juice, see 103200
- production of concentrates from fresh fruits and vegetables, see 103200
- manufacture of milk-based drinks, see 105101
- manufacture of coffee, tea and maté products, see 108300
- manufacture of alcohol-based drinks, see 110100 to 110500
- manufacture of non-alcoholic wine, see 110200
- manufacture of non-alcoholic beer, see 110500
- merely bottling and labelling, see 4634 (if performed as part of wholesale) and 829200 (if performed on a fee or contract basis)

12            **Manufacture of tobacco products**

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

120          **Manufacture of tobacco products**

1200        **Manufacture of tobacco products**

**120000**    **Manufacture of tobacco products**

This type includes:

- manufacture of tobacco products and products of tobacco substitutes: cigarettes, fine-cut tobacco, cigars, pipe tobacco, chewing tobacco, snuff
- manufacture of homogenised or reconstituted tobacco

This type also includes:

- stemming and redrying of tobacco

This type excludes:

- growing or preliminary processing of tobacco, see 011500, 016300
- manufacture of electronic cigarette vapour liquids, including closed refills, see 205900
- manufacture of electronic cigarettes (vapes), see 329900

13            **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 technical textiles, manufacture of made-up textile articles, except apparel (for example, household linen, blankets, rugs, cordage).

This division excludes:

- growing of natural fibres, see division 01
- manufacture of wearing apparel, see division 14
- manufacture of synthetic and artificial fibres, see 206000

131 Preparation and spinning of textile fibres

1310 Preparation and spinning of textile fibres

This class includes preparatory operations on textile fibres and the spinning of textile fibres. This can be done from varying raw materials, whether new or recycled textile materials (for example, silk, cotton, wool, vegetable or man-made fibres, paper cellulose-based fibres such as wood or straw).

This class also includes:

- manufacture of paper yarn

This class excludes:

- preparatory operations carried out in combination with agriculture, see division 01
- retting of plants bearing vegetable textile fibres (jute, flax, coir, etc.), not associated with the growing of vegetable textile fibres, see 016300
- cotton ginning, see 016300
- 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 206000
- manufacture of glass fibres, see 231400
- processing of textile waste into secondary raw materials, see 382100

131001 Preparation and spinning of cotton-type fibres

This type includes:

- carding and combing of cotton-type fibres
- spinning and manufacture of yarn or thread for weaving or sewing, for the trade or for further processing

131002 Preparation and spinning of woollen- and worsted-type fibres

This type includes:

- degreasing and carbonising of wool and dyeing of wool fleece
- carding and combing of woollen- and worsted-type fibres
- spinning and manufacture of yarn or thread for weaving or sewing, for the trade or for further processing

131003 Throwing and preparation of silk, synthetic or artificial filament yarns

This type includes:

- reeling and washing of silk
- carding and combing of silk waste
- texturising, twisting, folding, cabling and dipping of synthetic or artificial filament yarns

131004 Preparation and spinning of other textile fibres

This type includes:

- manufacture of paper yarn
- scutching of flax
- manufacture of sewing thread from all kinds of textile material, including mixed fibres

- preparation and spinning of other textile fibres such as jute and Liberian fibres

132 Weaving of textiles

1320 Weaving of textiles

This class includes weaving of textiles. This can be done from varying raw materials, whether new fibres or recycled textile materials (for example, silk, cotton, wool, vegetable or man-made fibres or paper, recovered textile waste materials or new textile fibres).

132001 Cotton-type weaving

This type includes:

- manufacture of broad woven cotton-type, including from mixtures artificial or synthetic yarns (polypropylene, etc.)

This type also includes:

- manufacture of woven pile or chenille fabrics, terry towelling, gauze, etc.

This type excludes:

- manufacture of knitted and crocheted fabrics, see 139100

- manufacture of textile floor coverings, see 139300

- manufacture of non-woven fabrics, see 139500

- manufacture of narrow fabrics, see 139600

- manufacture of tarpaulins, tents, camping goods of textile materials, windsurfing and boat sails, sunblinds, loose covers for cars, machines or furniture, parachutes, see 139600

- manufacture of fabrics of glass fibres, see 139600

- manufacture of felt, see 139909

- manufacture of carbon fibres and articles of carbon fibres, for non-electrical purposes, see 239900

132002 Woollen-type and worsted-type weaving

This type includes:

- manufacture of woollen-type, worsted-type fabrics, including from mixtures or artificial or synthetic yarns

This type excludes:

- manufacture of knitted and crocheted fabrics, see 139100

- manufacture of textile floor coverings, see 139300

- manufacture of non-woven fabrics, see 139500

- manufacture of narrow fabrics, see 139600

- manufacture of tarpaulins, tents, camping goods of textile materials, windsurfing and boat sails, sunblinds, loose covers for cars, machines or furniture, parachutes, see 139600

- manufacture of fabrics of glass fibres, see 139600

- manufacture of felt, see 139909

- manufacture of carbon fibres and articles of carbon fibres, for non-electrical purposes, see 239900

132003 Other textile weaving

This type includes:

- manufacture of 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

This type also includes:

- manufacture of woven fabrics of aramid threads
- manufacture of imitation fur by weaving

This type excludes:

- manufacture of knitted and crocheted fabrics, see 139100
- manufacture of textile floor coverings, see 139300
- manufacture of non-woven fabrics, see 139500
- manufacture of narrow fabrics, see 139600
- manufacture of tarpaulins, tents, camping goods of textile materials, windsurfing and boat sails, sunblinds, loose covers for cars, machines or furniture, parachutes, see 139600
- manufacture of fabrics of glass fibres, see 139600
- manufacture of felt, see 139909
- manufacture of carbon fibres and articles of carbon fibres, for non-electrical purposes, see 239900

133 Finishing of textiles

1330 Finishing of textiles

133000 Finishing of textiles

This type includes finishing of textiles and wearing apparel, in other words, bleaching, dyeing, dressing and similar activities.

This type includes:

- bleaching and dyeing of textile fibres, yarns, fabrics and textile articles, including wearing apparel
- dressing, drying, steaming, shrinking, mending, sanforising, mercerising of textiles and textile articles, including wearing apparel

This type also includes:

- bleaching of jeans
- pleating and similar work on textiles
- waterproofing, coating, rubberising, or impregnating purchased garments
- printing of textile fabrics as an intermediate process within the manufacture of textiles

This type excludes:

- printing, including silkscreen printing, on textiles and wearing apparel, not as an intermediate process in manufacture of textiles, see 181209
- laser engraving on textiles, see 181209
- manufacture of textile fabric impregnated, coated, covered or laminated with rubber where rubber is the primary constituent, see 221200

139 Manufacture of other textiles

This group includes the manufacture of products produced from textiles, except wearing apparel (for example, made-up textile articles, carpets and rugs, rope, narrow woven fabrics, trimmings).

1391 Manufacture of knitted and crocheted fabrics

**139100 Manufacture of knitted and crocheted fabrics**

This type includes:

- manufacture and processing of knitted or crocheted fabrics:
  - pile and terry fabrics
  - net and window furnishing type fabrics
  - other knitted or crocheted fabrics

This type also includes:

- manufacture of imitation fur by knitting

This type excludes:

- manufacture of net and window furnishing type fabrics of lace, see 139902
- manufacture of knitted and crocheted apparel, see 1410

1392 Manufacture of household textiles and made-up furnishing articles

**139201 Manufacture of household textiles**

This type includes:

- manufacture, of made-up household textiles articles of any material, including of knitted or crocheted fabrics, e.g.:
  - blankets, including travelling rugs
  - bed, table, toilet or kitchen linen
  - quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags

This type also includes:

- manufacture of hand-woven tapestries

This type excludes:

- manufacture of napkins and napkin liners for babies, period panties and similar articles of textile materials, see 172200

**139202 Manufacture of made-up furnishing articles**

This type includes:

- manufacture of made-up furnishing articles:
  - curtains, valances, bedspreads
  - flags, banners, pennants
  - dust-cloths, dishcloths and similar articles

This type also includes:

- manufacture of the textile part of electric blankets

This type excludes:

- manufacture of mattresses, see 310009
- manufacture of tarpaulins, tents, sails, parachutes, textiles for blinds and sunblinds, loose covers for cars, machines or furniture, see 139600

1393 Manufacture of carpets and rugs

**139300 Manufacture of carpets and rugs**

This type includes:

- manufacture of textile floor coverings, e.g.:
  - carpets, rugs and mats, tiles

This type also includes:

- manufacture of needle-loom felt floor coverings
- manufacture of artificial grass (synthetic turf)

This type excludes:

- manufacture of mats and matting of plaiting materials, see 162800
- manufacture of floor coverings of cork, see 162800
- manufacture of resilient floor coverings (e.g. vinyl, linoleum), see 222400

1394 Manufacture of cordage, rope, twine and netting

139400 Manufacture of cordage, rope, twine and netting

This type includes:

- manufacture of twine, cordage, rope and cables of textile fibres or strip, etc., 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 (e.g. fishing nets, ships' fenders, unloading cushions, loading slings, rope or cable fitted with metal rings, etc.)

This type excludes:

- manufacture of hairnets, see 142900
- manufacture of wire rope, see 259300
- manufacture of landing-nets for sports fishing, see 323000

1395 Manufacture of non-wovens and non-woven articles

139500 Manufacture of non-wovens and non-woven articles

This type includes the manufacture of non-wovens, whether or not impregnated, coated, covered or laminated with plastics or rubber. It also includes the manufacture of non-wovens in which plastics or rubber forms the bonding substance

This type also includes:

- manufacture of non-woven sheets used for production of wound care dressings
- manufacture of non-woven fabric used for production of baby wipes

This type excludes:

- manufacture of made-up articles from non-wovens, e.g.:
  - bed linen, table linen, toilet linen and kitchen linen, of non-wovens, see 139201
  - curtains of non-wovens, see 139202
  - floorcloths, dishcloths, dusters and similar cleaning cloths, of non-wovens, see 139202
  - garments made up of non-wovens, see 142900
  - manufacture of napkins and napkin liners for babies, period panties, see 172200
  - manufacture of textile wallpaper, see 172400
  - single-use drapes used during surgical procedures made up of non-wovens, see 325009
  - manufacture of individual protective masks (e.g. FFP2, FFP3, surgical masks), see 325009

1396 Manufacture of other technical and industrial textiles

139600 Manufacture of other technical and industrial textiles

This type 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 textile fabrics impregnated, coated, covered or laminated with plastics
- manufacture of metallised yarn, rubber thread and cord covered with textile material, textile yarn covered, impregnated, coated or sheathed with rubber or plastics
- manufacture of tyre cord fabric of high-tenacity man-made yarn
- manufacture of other treated or coated fabrics (e.g. buckram and similar stiffened textile fabrics, fabrics coated with gum or amylaceous substances)
- manufacture of diverse textile articles (e.g. textile wicks, incandescent gas mantles, tubular gas)
- manufacture of mantle fabric, hose piping, transmission or conveyor belts or belting (whether or not reinforced with metal or other material), bolting cloth, straining cloth
- manufacture of automotive trimmings
- manufacture of artists' canvas boards and tracing cloth
- manufacture of tarpaulins, tents, pneumatic mattresses of textile materials, sails, parachutes, textiles for blinds and sunblinds, loose covers for cars, machines or furniture

This type also includes:

- manufacture of fabrics of glass fibres

This type excludes:

- manufacture of napkins and napkin liners for babies and similar articles of textile materials, see 172200
- manufacture of medical textiles impregnated or covered with pharmaceutical substances (e.g. gauze, bandages), see 212000
- manufacture of transmission or conveyor belts of textile fabric, impregnated, coated, covered or laminated with rubber, see 221200
- manufacture of pneumatic mattresses of vulcanised rubber, see 221200
- manufacture of plates or sheets of cellular rubber or plastic combined with textiles for reinforcing purposes only, see 221200, 222100
- manufacture of cloth of woven metal wire, see 259300
- manufacture of single-use surgical drapes used during surgical procedures made up of non-wovens, see 325009

1399 Manufacture of other textiles n.e.c.

This class excludes:

- manufacture of needle-loom felt floor coverings, see 139300
- manufacture of textile wadding and articles of wadding: sanitary towels, tampons, etc., see 172200

139901 Embroidery

This type includes:

- manufacture of (automated or manual) embroidery and artistic embroidery

139902 Manufacture of ribbons, belts, trimmings and tubes

This type includes:

- manufacture of lace, in the piece, in strips or in motifs
- manufacture of net and window furnishing type fabrics of lace

139909 Manufacture of other miscellaneous textiles n.e.c.

This type includes:

- manufacture of felt
- manufacture of tulle and other net fabrics, in the piece, in strips or in motifs
- manufacture of pressure sensitive cloth-tape
- manufacture of shoelaces, of textiles

This type excludes:

- manufacture of needle-loom felt floor coverings, see 139300
- manufacture of textile wadding and articles of wadding: sanitary towels, tampons, etc., see 172200

14 Manufacture of wearing apparel

This division includes all tailoring (ready-to-wear or made-to-measure), in all materials (for example, leather, fur fabric, knitted and crocheted fabrics), of all items of clothing (for example, outerwear, underwear for men, women or children; work, city or casual clothing) and accessories. There is no distinction made between clothing for adults and clothing for children.

This division also includes:

- manufacture of articles of apparel, clothing accessories and other articles of fur skin

This division excludes:

- repair of wearing apparel, see 952900

141 Manufacture of knitted and crocheted apparel

1410 Manufacture of knitted and crocheted apparel

141001 Manufacture of knitted and crocheted hosiery

This type includes:

- manufacture of hosiery, including socks, tights and pantyhose

This type also includes:

- manufacture of medical stockings and hosiery

This type excludes:

- manufacture of knitted or crocheted brassieres and corsets, see 142202

141002 Manufacture of other knitted and crocheted apparel

This type includes:

- manufacture of knitted or crocheted wearing apparel (e.g. pullovers, cardigans, jerseys, shirts, T-shirts, blouses, waistcoats, nightwear, underwear, including babies' wear)
- manufacture of knitted and crocheted sportswear and swimwear

This type also includes:

- manufacture of footwear without applied soles, knitted or crocheted

This type excludes:

- manufacture of knitted and crocheted fabrics, see 139100

142 Manufacture of other wearing apparel and accessories

This group includes the manufacture of wearing apparel, other than knitted or crocheted. The material used may be of any kind and may be coated, impregnated or rubberised.

This group excludes:

- repair of wearing apparel, see 952900

1421 Manufacture of outerwear

This class excludes:

- uniforms and similar official clothing, see 142300

- manufacture of wearing apparel of rubber or plastics, see 221200, 222600

142101 Manufacture of men's and boys' outerwear

This type includes:

- manufacture of men's and boys' outerwear, other than knitted or crocheted (e.g. pullovers, cardigans, jersey, coats, suits, ensembles, jackets, trousers, skirts, shirts, T-shirts, blouses)

This type excludes:

- manufacture of knitted and crocheted apparel, e.g. pullovers, cardigans, jerseys, shirts, T-shirts, blouses, waistcoats, nightwear, underwear, including babies' wear, see 141002

142102 Manufacture of ladies' and girls' outerwear

This type includes:

- manufacture of women's and girls' outerwear, other than knitted or crocheted (e.g. pullovers, cardigans, jersey, coats, suits, ensembles, jackets, trousers, skirts, shirts, T-shirts, blouses)

This type excludes:

- manufacture of knitted and crocheted apparel, e.g. pullovers, cardigans, jerseys, shirts, T-shirts, blouses, waistcoats, nightwear, underwear, including babies' wear, see 141002

142103 Manufacture of non-specific outerwear

This type includes:

- manufacture of outerwear, other than knitted or crocheted, for women, men and children, equally combined (e.g. pullovers, cardigans, jersey, coats, suits, ensembles, jackets, trousers, skirts, shirts, T-shirts, blouses, babies' outerwear garments)

This type also includes:

- bridal dresses and other clothes for ceremony

- custom tailoring

This type excludes:

- manufacture of knitted and crocheted apparel, e.g. pullovers, cardigans, jerseys, shirts, T-shirts, blouses, waistcoats, nightwear, underwear, including babies' wear, see 141002

1422 Manufacture of underwear

**142201**    **Manufacture of gents' and boys' underwear**  
This type includes:  
- manufacture of underwear and nightwear, other than knitted or crocheted (e.g. underpants, briefs, pyjamas, nightdresses, dressing gowns, slips, swimwear)

**142202**    **Manufacture of ladies' and girls' underwear**  
This type includes:  
- manufacture of underwear and nightwear, other than knitted or crocheted (e.g. underpants, briefs, pyjamas, nightdresses, dressing gowns, slips, brassieres, corsets, swimwear)  
This type also includes:  
- manufacture of brassieres and corsets of all types of textile materials

**142203**    **Manufacture of non-specific underwear**  
This type includes:  
- manufacture of underwear and nightwear, other than knitted or crocheted, for men, women and children, equally combined (e.g. underpants, briefs, pyjamas, nightdresses, dressing gowns, slips, swimwear, babies' underwear garments)

1423        **Manufacture of workwear**

**142300**    **Manufacture of workwear**  
This type also includes:  
- manufacture of uniforms and similar official clothing (e.g. judge's gowns, church vestments)  
This type excludes:  
- manufacture of footwear, see 152000  
- manufacture of fire-protective clothing, see 329900

1424        **Manufacture of leather clothes and fur apparel**

**142401**    **Manufacture of leather clothes**  
This type includes:  
- manufacture of wearing apparel, including working clothes, made of leather or composition leather (e.g. coats, overcoats, jackets, trousers, aprons)  
This type excludes:  
- manufacture of synthetic leather outerwear, see 1421  
- manufacture of working clothes not made of leather or composition of leather, see 142300  
- manufacture of specially designed gloves of leather or composition leather for use in sport, see 323000

**142402**    **Manufacture of articles of fur**  
This type includes:  
- manufacture of articles made from fur skins:  
• fur wearing apparel and clothing accessories  
• assemblies of fur skins (e.g. 'dropped' fur skins, plates, mats, strips)

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

This type excludes:

- production of raw fur skins, see 014800, 017000
- production of raw hides and skins, see 101100
- manufacture of imitation furs (long-hair cloth obtained by weaving or knitting), see 132003, 139100
- manufacture of fur hats, see 142900
- manufacture of outerwear trimmed with fur, see 1421
- dressing and dyeing of fur, see 151100
- manufacture of boots or shoes containing fur parts, see 152000

1429 Manufacture of other wearing apparel and accessories n.e.c.

142900 Manufacture of other wearing apparel and accessories n.e.c.

This type includes:

- manufacture of sportswear of broad woven fabrics (e.g. tracksuits, ski suits, other technical sportswear)
- manufacture of hats and caps
- manufacture of other clothing accessories (e.g. gloves, belts, shawls, ties, cravats, hairnets)

This type also includes:

- manufacture of footwear of textile material without applied soles, except knitted or crocheted

This type excludes:

- manufacture of knitted or crocheted footwear without applied soles, see 1410
- manufacture of knitted and crocheted swimwear, see 1410
- manufacture of swimwear, see 1422
- manufacture of fur clothing accessories, see 142402
- manufacture of plastic headgear excluding safety headgear, see 222600
- manufacture of safety headgear, see 329900

15 Manufacture of leather and related products of other materials

This division includes dressing and dyeing of fur and the transformation of hides or skins into leather by tanning or curing and fabricating the leather into products for final consumption.

It also includes the manufacture of direct substitute products (like-products) made from materials other than leather (for example, rubber footwear, textile luggage). Products made from leather substitutes are included here, because they are made in ways

151 Tanning, dyeing, dressing of leather and fur; manufacture of luggage, handbags, saddlery and harness

This group includes the manufacture of leather and fur and products thereof.

1511 Tanning, dressing, dyeing of leather and fur

151100 Tanning, dressing, dyeing of leather and fur

This type includes:

- tanning, dyeing and dressing of hides, skins and pre-tanned leather
- manufacture of chamois dressed, parchment dressed, patent or metallised leathers
- manufacture of composition leather
- scraping, shearing, plucking, currying, tanning, bleaching and dyeing of fur skins and hides with the hair on

This type excludes:

- production of hides and skins as part of ranching, see 014
- production of raw hides and skins as part of slaughtering, see 101100
- manufacture of leather apparel, see 142401
- manufacture of imitation leather not based on natural leather, see 221200, 222600

1512      Manufacture of luggage, handbags, saddlery and harness of any material

151200    Manufacture of luggage, handbags, saddlery and harness of any material

This type includes:

- manufacture of luggage, handbags, backpacks, etc., of leather, composition leather or any other material, where the same technology is used as for leather
- manufacture of saddlery and harness for any animal
- manufacture of non-metallic watch bands (e.g. fabric, leather, plastic)
- manufacture of diverse articles of leather or composition leather (e.g. driving belts, packings)
- manufacture of shoelaces, of leather
- manufacture of horse whips and riding crops

This type also includes:

- manufacture of leather clothes for animals

This type excludes:

- manufacture of leather wearing apparel, see 142401
- manufacture of leather gloves and hats, see 142900
- manufacture of footwear, see 152000
- manufacture of saddles for bicycles, see 309201
- manufacture of precious metal watch bands, see 321202
- manufacture of non-precious metal watch bands, see 321300
- manufacture of linemen's safety belts and other belts for occupational use, see 329900

152      Manufacture of footwear

1520      Manufacture of footwear

152000    Manufacture of footwear

This type includes:

- manufacture of footwear for all purposes, of any material, by any process, including moulding
- manufacture of leather parts of footwear (e.g. manufacture of uppers and parts of uppers, outer and inner soles, heels)

- manufacture of gaiters, chaps and similar articles

This type also includes:

- manufacture of rubber, wooden or plastic parts of footwear

This type excludes:

- manufacture of knitted or crocheted footwear without applied soles, see 1410

- manufacture of footwear of textile material without applied soles, except knitted or crocheted, see 142900

- manufacture of ski-boots, see 323000

- manufacture of prescription orthopaedic shoes, see 325001

- 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials  
This division includes the manufacture of wood products (par ex. lumber, plywood, veneers, wood containers, wood flooring, wood trusses, prefabricated wood buildings, the manufacture of solid fuels from vegetable biomass, the finishing of wooden products). 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 (for example, wood containers).  
With the exception of sawmilling, this division is subdivided mainly based on the specific products manufactured.  
This division excludes the manufacture of furniture or the installation of wooden fittings, and so on, see 3100, 433202, 433301, 433500.

161 Sawmilling and planing of wood; processing and finishing of wood

1611 Sawmilling and planing of wood

161100 Sawmilling and planing of wood

This type includes:

- sawing, planing and machining of wood

- slicing, peeling or chipping logs

- manufacture of wooden railway sleepers

- manufacture of unassembled wooden flooring

- manufacture outside the forest of wood wool, wood sawdust and flour, wood chips and particles

This type excludes:

- logging and production of wood in the rough, see 022000

- drying of wood, see 161200

- manufacture of veneer sheets thin enough for use in plywood, boards and panels, see 162100

- manufacture of parquet panels and other assembled flooring panels of wood or bamboo, see 162200

- manufacture of wooden shingles and shakes, see 162300

- manufacture of fire logs or pressed wood, see 162600

1612 Processing and finishing of wood

**161200 Processing and finishing of wood**

This type includes general activities for the processing and finishing of wood, which are typically carried out on a fee or contract basis:

- activities mostly carried out on a fee or contract basis:
  - boring, turning, milling, broaching, levelling, grinding, polishing, splicing, etc., of wood
- drying of wood
- impregnation or chemical treatment of wood
- treatment of wood in the rough with paint, stains or other preservatives
- other activities of processing and finishing of wood

This type excludes:

- manufacture of unassembled wooden flooring, see 161100
- coating, impregnation or chemical treatment of wooden products, see 162700
- disinfection and extermination services in buildings, etc., see 812302
- reupholstering, refinishing and repairing of furniture, see 952400

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

This group includes the manufacture of products of wood, cork, straw or plaiting materials, including basic shapes as well as assembled products.

1621 Manufacture of veneer sheets and wood-based panels

**162100 Manufacture of veneer sheets and wood-based panels**

This type 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 oriented strand board (OSB) and other particle board
- manufacture of medium density fibreboard (MDF) and other fibreboard
- manufacture of densified wood
- manufacture of glue-laminated wood, cross-laminated timber (CLT) and laminated veneer wood

This type also includes:

- manufacture of insulating fibreboards of wood, or other ligneous materials, whether or not bonded with resins or other organic substances

1622 Manufacture of assembled parquet floors

**162200 Manufacture of assembled parquet floors**

This type includes:

- manufacture of wooden parquet floor blocks, strips, etc., assembled into panels

This type excludes:

- manufacture of unassembled wooden flooring, see 161100

1623 Manufacture of other builders' carpentry and joinery

162300 Manufacture of other builders' carpentry and joinery

This type includes:

- manufacture of wooden goods intended to be used primarily in the construction industry:
  - beams, rafters, roof struts
  - glue-laminated and metal connected, prefabricated wooden roof trusses
  - stairs, railings
  - wooden beadings and mouldings, shingles and shakes
- manufacture of prefabricated buildings, or elements thereof, predominantly of wood (e.g. saunas)
- manufacture of mobile homes and house trailers
- manufacture of wood partitions (except free-standing)

This type also includes:

- manufacture of wooden stands

This type excludes:

- doors, windows, shutters and their frames, see 162500
- manufacture of wood partitions, free standing, see 310009
- manufacture of walk-in wardrobes, see 310009
- installation of doors, windows and stairs, see 433202
- installation of kitchens, see 433201
- installation of walk-in wardrobes, shopfittings, etc., see 433202
- erection of roof frames, see 434101

1624 Manufacture of wooden containers

162400 Manufacture of wooden containers

This type includes:

- manufacture of packing cases, boxes, crates, drums and similar items 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 type excludes:

- manufacture of luggage, see 151200
- manufacture of cases of plaiting material, see 162800

1625 Manufacture of doors and windows of wood

162500 Manufacture of doors and windows of wood

This type includes:

- manufacture of doors and their frames and thresholds of wood
- manufacture of windows, shutters and French windows and their frames of wood

- manufacture of multi-material doors and windows with the frame made of wood

1626 Manufacture of solid fuels from vegetable biomass

162600 Manufacture of solid fuels from vegetable biomass

This type includes:

- manufacture of briquettes, fire logs and pellets from agglomerated sawdust, wood waste and scrap, straw or other vegetable biomass

This type excludes:

- manufacture of animal feed from soybean waste, see 109
- slicing, peeling or chipping logs, see 161100
- manufacture of peat briquettes, see 192000

1627 Finishing of wooden products

162700 Finishing of wooden products

This type includes:

- process of refining or protecting wooden surfaces (for example, coating, impregnating, finishing, polishing, buffing, oiling, waxing, bleaching, staining, painting or varnishing of wooden products)

This type excludes:

- reupholstering, refinishing and repairing of furniture , see 952400

1628 Manufacture of other products of wood and articles of cork, straw and plaiting materials

162800 Manufacture of other products of wood and articles of cork, straw and plaiting materials

This type 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, tableware 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

- manufacture of wooden frames for artists' canvases

- natural cork processing, manufacture of agglomerated cork

- manufacture of cork for bottles

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

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

- manufacture of basket-ware and wickerwork

- manufacture of wooden mirror and picture frames

- manufacture of handles for umbrellas, canes and similar

- manufacture of blocks for the manufacture of smoking pipes

This type excludes:

- manufacture of mats or matting of textile materials, see 139300
- manufacture of luggage, see 151200
- manufacture of wooden footwear or wooden parts of footwear, see 152000
- manufacture of matches, see 205900
- manufacture of clock cases, see 265204
- manufacture of wooden spools and bobbins that are part of textile machinery, see 289400
- manufacture of furniture, see 3100
- manufacture of wooden toys, see 324000
- manufacture of brooms and brushes, see 329100
- manufacture of coffins, see 329900
- manufacture of cork life preservers, see 329900

17 Manufacture of paper and paper products

This division includes the manufacture of pulp, paper, converted paper and the manufacture of products of recycled goods from wood, paper, cardboard and paperboard.

The manufacture 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.

The manufacture of pulp involves separating the cellulose fibres from other matter in wood, or dissolving and de-inking of used paper, and mixing in small amounts of reagents to reinforce the binding of the fibres.

Converted paper products are made from paper and other materials by various techniques.

The paper articles may be printed (for example, wallpaper, gift wrap), as long as the printing of information is not the main purpose.

The production of pulp, paper and paperboard in bulk is included in group 171, while the remaining classes include the production of further-processed paper and paper products.

171 Manufacture of pulp, paper and paperboard

1711 Manufacture of pulp

171100 Manufacture of pulp

This type includes:

- manufacture of bleached, semi-bleached or unbleached paper pulp by mechanical, chemical (dissolving or non-dissolving) or semi-chemical processes
- manufacture of linter pulp
- removal of ink and manufacture of pulp from waste paper

1712 Manufacture of paper and paperboard

171200 Manufacture of paper and paperboard

This type includes:

- manufacture of paper and paperboard intended for further industrial processing

This type also includes:

- further processing of paper and paperboard:

- colouring, coating, covering and impregnation of paper and paperboard
- manufacture of crêpe or crinkled paper
- manufacture of laminates and foils, if laminated with paper or pap

This type excludes:

- manufacture of corrugated paper and paperboard, see 172100
- manufacture of further-processed articles of paper, paperboard or pulp, see 172200 to 172500
- printing and service activities related to printing, see 181
- manufacture of abrasive paper, see 239100
- publishing of books, newspapers and other publishing activities, except software publishing, see 581
- manufacture of coated or impregnated paper where the coating or impregnation is the main ingredient, see class in which the manufacture of the coating or impregnation is classified

172            Manufacture of articles of paper and paperboard

1721          Manufacture of corrugated paper, paperboard and containers of paper and paperboard

172100        Manufacture of corrugated paper, paperboard and containers of paper and paperboard

This type includes:

- manufacture of corrugated paper and paperboard
- manufacture of cartons, boxes and cases of corrugated paper or paperboard
- manufacture of folding cartons, boxes and cases of non-corrugated paper or paperboard
- manufacture of containers of solid paperboard
- manufacture of other containers of paper and paperboard
- manufacture of sacks and bags of paper
- manufacture of office box files and similar articles

This type excludes:

- manufacture of envelopes, see 172300
- manufacture of moulded or pressed articles of paper pulp (e.g. boxes for packing eggs, moulded pulp paper plates), see 172500

1722          Manufacture of household and sanitary goods and of toilet requisites

172200        Manufacture of household and sanitary goods and of toilet requisites

This type 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 textile wadding and articles of wadding: sanitary towels, tampons, etc.
- This type excludes:
- manufacture of cellulose wadding, see 171200

1723      Manufacture of paper stationery

**172300      Manufacture of paper stationery**

This type includes:

- manufacture of printing and writing paper ready for use
- manufacture of computer print-out 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 educational and commercial stationery (notebooks, binders, registers, accounting books, business forms, etc.), when the printed information is not the main characteristic
- manufacture of boxes, pouches, wallets and writing compendiums containing an assortment of paper stationery

This type excludes:

- printing on paper products, see 181

1724      Manufacture of wallpaper

**172400      Manufacture of wallpaper**

This type includes:

- manufacture of wallpaper and similar wall coverings, including vinyl-coated and textile wallpaper

This type excludes:

- manufacture of paper or paperboard, see 171200
- manufacture of plastic wallpaper, see 222600

1725      Manufacture of other articles of paper and paperboard

**172500      Manufacture of other articles of paper and paperboard**

This type includes:

- manufacture of paper or paperboard labels
- manufacture of filter paper and paperboard
- manufacture of cigarette paper
- manufacture of paper and paperboard bobbins, spools, cops, etc.
- manufacture of egg trays and other moulded or pressed articles of paper pulp packaging products
- manufacture of paper novelties
- manufacture of paper or paperboard cards for use on Jacquard machines

This type excludes:

- printing of labels, not self-manufactured, see 1812
- manufacture of playing cards, see 324000
- manufacture of games and toys of paper or paperboard, see 324000
- publishing of books, newspapers and other publishing activities, except software publishing, see 581

18 Printing and reproduction of recorded media

This division includes printing of products (for example, newspapers, books, periodicals, business forms and greeting cards), printing on T-shirts and other types of material, and associated support activities (for example, bookbinding, plate-making services, 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. The ownership of the input material is irrelevant to the classification of printing and reproduction of recorded media activities. Division 18 covers explicitly the processing activities.

Processes used in printing include a variety of methods for transferring an image from a plate, screen or computer file to a medium (for example, paper, plastics, metal, textile articles, wood). The most prominent of these methods entails the transfer of the image from a plate or screen to the medium through lithographic, gravure, screen or flexographic printing. Often a computer file is used to directly drive the printing mechanism to create the image or electrostatic and other types of equipment (digital or non-impact printing).

Though printing and publishing can be carried out by the same unit (for example, a newspaper), it is less and less the case that these distinct activities are carried out in the same physical location.

This division also includes:

- the reproduction of recorded media (for example, compact discs, video recordings, software on discs or tapes, records)

This division excludes:

- publishing activities, see section J
- manufacture of products with a 3D printer, which are classified according to the product and material used

181 Printing and service activities related to printing

This group includes the printing of products (for example, newspapers, books, periodicals, business forms and greeting cards), printing on T-shirts and other types of material, and associated support activities (for example, bookbinding, plate-making services, data imaging). Printing can be done using various techniques and on different materials.

1811 Printing of newspapers

181100 Printing of newspapers

This type also includes:

- printing of other periodicals, appearing at least four times a week

This type excludes:

- photocopying activities, see 181209
- publishing of printed matter, see 581

- operation of photocopying machines for photocopying as a self-service, see 821000

1812

**Other printing**

This class includes:

- printing of magazines and other periodicals, appearing less than four times a week
- printing of 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, smart cards, albums, diaries, calendars and other commercial printed matter, beer mats, personalised stationery and other printed matter by letterpress, offset, photogravure, flexographic, screen printing, and other printing presses, duplication machines, computer printers, embossers, etc., including quick printing directly onto textiles, plastic, glass, metal, wood and ceramics

The material printed is typically copyrighted.

This class covers exclusively printing service activities, not goods.

This class also includes:

- printing on labels or tags (for example, lithographic, gravure printing, flexographic printing, printing signs)
- laser engraving on textiles
- activities of printing photographs

This class excludes:

- printing of textile fabrics as an intermediate process within the manufacture of textiles, see 133000
- manufacture of stationery (e.g. notebooks, binders, registers, accounting books, business forms), when the printed information is not the main characteristic, see 172300
- publishing of printed matter, see 581
- advertising design activities, see 731100
- operation of photocopying machines for photocopying as a self-service, see 821000
- engraving onto metal, glass, wood, etc., see corresponding class according to the material used

181201

**Offset printing**

This type includes:

- printing of magazines and other periodicals, appearing less than four times a week
- printing of 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, smart cards, registers, albums, diaries, calendars, business forms and other commercial printed matter, personal stationery and other printed matter by offset press

181209

**Other printing n.e.c.**

This type includes:

- all other types of print not printed by offset press:
  - digital printing
  - silk-screen printing on textiles and wearing apparel

- photocopying of documents
- decorative printing (e.g. printing of gift wraps, wallpapers, materials for transfer)
- large format printing (e.g. printing of flags, banners, roll-ups, posters)

1813 Pre-press and pre-media services

**181300 Pre-press and pre-media services**

This type includes:

- composing, typesetting and phototypesetting, pre-press data input into a form suitable for use in various printing processes and representation in other visual media, including scanning and optical character recognition, electronic make-up
- preparation of data files for multimedia (printing on paper, CD-ROM, the internet) applications
- plate-making services, including image setting and plate setting (for letterpress and offset printing processes)
- cylinder preparation: engraving or etching of cylinders for gravure printing
- plate processing: computer-to-plate (CTP), also photopolymer plates
- preparation of plates and dies for relief stamping or printing
- preparation of:
  - artistic works of technical character (e.g. preparation of lithographic stones and wood blocks)
  - presentation media
  - sketches, layouts, dummies, etc.
  - production of proofs

This type excludes:

- graphic designing of visual content for the communication of information not intended to be printed, see 741

1814 Binding and related services

**181400 Binding and related services**

This type includes:

- trade binding, sample mounting and post -press services in support of printing activities (e.g. trade binding and finishing of books, brochures, magazines, catalogues), by e.g. folding, cutting and trimming, assembling, stitching, thread sewing, adhesive binding, cutting and cover laying, gluing, collating, basting, gold stamping; spiral binding and plastic wire binding
- binding and finishing of printed paper or printed cardboard, by folding, stamping, drilling, punching, perforating, embossing, sticking, gluing, laminating
- finishing services for CD-ROMs
- mailing finishing services (e.g. customisation, envelope preparation)
- other finishing activities (e.g. die, sinking or stamping, Braille copying)

182 Reproduction of recorded media

1820 Reproduction of recorded media

**182000**    **Reproduction of recorded media**

This type 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 type excludes:

- reproduction of printed matter, see 181100, 1812
- software publishing, see 582
- production and distribution of motion pictures, videotapes and movies on discs or similar media, see 591100, 591200, 591300
- reproduction of motion picture film for theatrical distribution, see 591200
- production of master copies for records or audio material, see 592000

19            **Manufacture of coke and refined petroleum products**

This division includes the transformation of crude petroleum and coal into usable products. 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 includes the manufacture of gases (for example, ethane, propane, butane) as products of petroleum refineries.

This division also includes the manufacture for own account of characteristic products (for example, coke, butane, propane, petrol, kerosene, fuel oil) as well as processing services (for example, custom refining).

This division excludes the manufacture of such gases in other units (see 201400), the manufacture of industrial gases (see 201100), the extraction of natural gas (methane, ethane, butane or propane, see 062000), and the manufacture of gases other than petroleum gases for the provision of gaseous fuels through a permanent supply network (for example, coal gas, water gas, producer gas, gasworks gas, see 352100).

The manufacture of petrochemicals from refined petroleum and the manufacture of liquid biofuels are classified in division 20.

191           **Manufacture of coke oven products**

1910          **Manufacture of coke oven products**

**191000**    **Manufacture of coke oven products**

This type includes:

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

This type excludes:

	- manufacture of coal fuel briquettes, see 192000
192	Manufacture of refined petroleum products and fossil fuel products
1920	Manufacture of refined petroleum products and fossil fuel products
192000	<p>Manufacture of refined petroleum products and fossil fuel products</p> <p>This type includes the manufacture of liquid or gaseous fuels or other products from crude petroleum, bituminous minerals or their fractionation products. Petroleum refining involves one or more of the following activities: fractionation; straight distillation of crude oil; cracking.</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- production of motor fuel: gasoline, kerosene, etc.</li> <li>- production of fuel: light, medium and heavy fuel oil, refinery gases (e.g. ethane, propane, butane)</li> <li>- manufacture of oil-based lubricating oils or greases, including from waste oil</li> <li>- manufacture of products for the petrochemical industry and for the manufacture of road coverings</li> <li>- manufacture of various refined petroleum products, white spirit, Vaseline, paraffin wax, petroleum jelly, etc.</li> <li>- manufacture of petroleum briquettes</li> <li>- blending of biofuels, i.e. blending of alcohols with petroleum (e.g. gasohol)</li> <li>- manufacture of products from petroleum waste materials (e.g. waste lubricating petroleum oils)</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- manufacture of peat briquettes</li> <li>- manufacture of hard-coal and lignite fuel briquettes</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of solid fuels from biomass, see 162600</li> <li>- manufacture of liquid biofuels, see 205100</li> </ul>
20	<p>Manufacture of chemicals and chemical products</p> <p>This division includes 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.</p> <p>This division also includes:</p> <ul style="list-style-type: none"> <li>- manufacture of liquid biofuels</li> </ul>
201	<p>Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastics and synthetic rubber in primary forms</p> <p>This group includes the manufacture of basic chemical products, fertilisers and associated nitrogen compounds, as well as plastics and synthetic rubber in primary forms.</p>
2011	Manufacture of industrial gases

**201100 Manufacture of industrial gases**

This type includes:

- manufacture of liquefied or compressed selected inorganic industrial or medical gases:

- elemental gases
- liquid or compressed air
- mixed industrial gases
- inert gases (e.g. carbon dioxide)
- isolating gases

This type also includes:

- production of hydrogen, not for energy supply through a network

This type excludes:

- extraction of methane, ethane, butane or propane, see 062000
- liquefaction and regasification of natural gas for the purpose of transport, done at the mine site, see 091000
- manufacture of fuel gases (e.g. ethane, butane or propane in a petroleum refinery), see 192000
- manufacture of refrigerant gases of halogenated hydrocarbons, see 201400
- manufacture of gaseous fuels from coal, waste, etc., see 352100
- manufacture of hydrogen for the provision as a gaseous fuel through a permanent supply network, see 352100

2012 Manufacture of dyes and pigments

**201200 Manufacture of dyes and pigments**

This type includes:

- manufacture of dyes and pigments from any source in basic form or as concentrate
- manufacture of pure calcium oxide and calcium hydroxide

This type also includes:

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

This type excludes:

- manufacture of prepared dyes and pigments, see 203000

2013 Manufacture of other inorganic basic chemicals

**201300 Manufacture of other inorganic basic chemicals**

This type includes the manufacture of chemicals using basic processes. The output of these processes is usually separate chemical elements or separate chemically defined compounds.

This type includes:

- manufacture of chemical elements (except industrial gases and basic metals)
- manufacture of inorganic acids, except nitric acid
- manufacture of alkalis, lyes and other inorganic bases, except ammonia
- manufacture of other inorganic compounds
- roasting of iron pyrites

- manufacture of distilled water

This type also includes:

- enrichment of uranium and thorium ores

- manufacture of lithium hydroxide

- manufacture of decolourising agents

This type excludes:

- manufacture of industrial gases, see 201100

- manufacture of nitrogenous fertilisers and nitrogen compounds, see 201500

- manufacture of ammonia, see 201500

- manufacture of ammonium chloride, see 201500

- manufacture of nitrites and nitrates of potassium, see 201500

- manufacture of ammonium carbonates, see 201500

- manufacture of aromatic distilled water, see 205900

- manufacture of basic metals, see division 24

2014      Manufacture of other organic basic chemicals

201400    Manufacture of other organic basic chemicals

This type includes the manufacture of chemicals using basic processes (for example, thermal cracking, distillation). The output of these processes is usually separate chemically defined organic compounds.

This type includes:

- manufacture of basic organic chemicals:

- acyclic hydrocarbons, saturated and unsaturated

- cyclic hydrocarbons, saturated and unsaturated

- acyclic and cyclic alcohols

- 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

- fermentation of sugar cane, corn or similar to produce alcohol and esters

- other organic compounds, including wood distillation products (e.g. charcoal), etc.

- manufacture of synthetic aromatic products

- manufacture of methane, not for the provision as a gaseous fuel through a permanent supply network

- distillation of coal tar

- manufacture of ethyl alcohol, other than for bioethanol fuel

- manufacture of refrigerant gases

This type excludes:

- extraction of natural gas, consisting predominantly of methane, see 062000

- manufacture of plastics in primary forms, see 201600

- manufacture of synthetic rubber in primary forms, see 201700

- manufacture of crude glycerol, see 204100

- manufacture of liquid biofuels (e.g. bioethanol fuel), see 205100

- manufacture of natural essential oils, see 205900

- manufacture of salicylic and O-acetylsalicylic acids, see 211000

- manufacture of ethanol from biomass, see 205100

- production of methane for the provision as a gaseous fuel through a permanent supply network, see 352100

2015 Manufacture of fertilisers and nitrogen compounds

201500 Manufacture of fertilisers and nitrogen compounds

This type includes:

- manufacture of fertilisers:

- straight or complex nitrogenous, phosphatic or potassic fertilisers
- urea, crude natural phosphates and crude natural potassium salts

- manufacture of associated nitrogen products:

- nitric and sulphonitric acids, ammonia, ammonium chloride, ammonium carbonate, nitrites and nitrates of potassium

This type also includes:

- manufacture of potting soil mixtures of natural soil, peat, sand, clays and minerals, with nitrogen, phosphorus or potassium as an essential constituent

- manufacture of other fertilisers by the mixing or chemical treatment of a

This type excludes:

- mining of guano, see 089100
- manufacture of agrochemical products (e.g. pesticides), see 202000
- manufacture of liming agents, see 205900
- production of waste compost, see 382100

2016 Manufacture of plastics in primary forms

201600 Manufacture of plastics in primary forms

This type includes the manufacture of resins, plastic materials and non-vulcanisable thermoplastic elastomers, the mixing and blending of resins on a custom basis, as well as the manufacture of non-customised synthetic resins.

This type 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
- ion-exchangers based on polymers

- manufacture of silicones in primary forms

- plastic compounding activities

This type also includes:

- manufacture of cellulose and its chemical derivatives

- manufacture of plastic powders, granules or flakes by compounding or transforming plastic resins from recovered plastic waste

- manufacture of recycled plastic in flakes or

This type excludes:

- manufacture of artificial and synthetic fibres, filaments and yarn, see 206000

- processing, shredding, cleaning, grinding of plastic waste, see 382100

2017 Manufacture of synthetic rubber in primary forms

201700 Manufacture of synthetic rubber in primary forms

This type includes:

- 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 type excludes:

- sorting, shredding, cleaning, grinding and pelletising of rubber waste, see 382100

202 Manufacture of pesticides, disinfectants and other agrochemical products

2020 Manufacture of pesticides, disinfectants and other agrochemical products

202000 Manufacture of pesticides, disinfectants and other agrochemical products

This type includes:

- manufacture of insecticides, rodenticides, fungicides, herbicides, acaricides, molluscicides, biocides

- 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 type excludes:

- manufacture of fertilisers and nitrogen compounds, see 201500

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

2030 Manufacture of paints, varnishes and similar coatings, printing ink and mastics

203000 Manufacture of paints, varnishes and similar coatings, printing ink and mastics

This type includes:

- manufacture of paints and varnishes, enamels or lacquers

- manufacture of prepared pigments and dyes, opacifiers and colours

- manufacture of vitrifiable enamels and glazes, 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 type excludes:

- manufacture of dyes, tuffs and pigments, see 201200

- manufacture of writing and drawing ink, see 205900

204 Manufacture of washing, cleaning and polishing preparations

2041 Manufacture of soap and detergents, cleaning and polishing preparations

204100 Manufacture of soap and detergents, cleaning and polishing preparations

This type includes:

- manufacture of organic surface-active agents

- manufacture of paper, wadding, felt, etc., coated or covered with soap or detergent

- manufacture of crude glycerol

- manufacture of soap, except cosmetic soap

- 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 deodorising 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

This type excludes:

- manufacture of separate, chemically defined compounds, see 201300, 201400

- manufacture of glycerol, synthesised from petroleum products, see 201400

- manufacture of cosmetic soap, see 204200

2042 Manufacture of perfume and toilet preparations

204200 Manufacture of perfume and toilet preparations

This type includes:

- manufacture of perfume and toilet preparations:

- perfume 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
  - manufacture of cosmetic soap
- This type excludes:
- extraction and refining of natural essential oils, see 205900

205      Manufacture of other chemical products  
 This group includes the manufacture of liquid biofuels and chemical products n.e.c. (for example, explosives and pyrotechnic products, glues, essential oils, composite diagnostic preparations).

2051     Manufacture of liquid biofuels

**205100    Manufacture of liquid biofuels**

- This type includes:
- manufacture of biodiesel
  - manufacture of ethanol from biomass
  - manufacture of mixtures of bioethanol and ethers partially derived from biomass
  - manufacture of liquid biofuels even if processes use waste as an input
- This type excludes:
- manufacture of solid fuels from vegetable biomass, see 162600
  - manufacture of ethyl alcohol other than for bioethanol biofuels, see 201400
  - manufacture of explosives, see 205900

2059     Manufacture of other chemical products n.e.c.

**205900    Manufacture of other chemical products n.e.c.**

- This type includes:
- manufacture of photographic plates, films, sensitised paper and other sensitised unexposed materials
  - manufacture of chemical preparations for photographic uses
  - manufacture of gelatine and its derivatives
  - manufacture of glues and prepared adhesives, including rubber-based glues and adhesives
  - manufacture of essential oils
  - manufacture of extracts of natural aromatic products
  - manufacture of resinoids
  - manufacture of mixtures of odoriferous products for the manufacture of perfumes or food
  - manufacture of propellant powders
  - manufacture of explosives and pyrotechnic products, including percussion caps, detonators, signalling flares, etc.
  - manufacture of e-liquids used in vaping devices
  - manufacture of various chemical products:
    - peptones, peptone derivatives, other protein substances and their derivatives n.e.c.
    - 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
- liquids for hydraulic transmission
- composite diagnostic or laboratory reagents
- fuel additives (e.g. based on ethyl tertiary-butyl ether (ETBE) and methyl tertiary-butyl ether (MTBE))

This type also includes:

- manufacture of writing and drawing ink
- manufacture of matches

This type excludes:

- manufacture of synthetic aromatic products, see 201400
- manufacture of printing ink, see 203000
- manufacture of perfume and toilet preparations, see 204200
- manufacture of liquid biofuels, see 205100

206 Manufacture of man-made fibres

2060 Manufacture of man-made fibres

206000 Manufacture of man-made fibres

This type 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
- manufacture of recycled fibres

This type excludes:

- spinning of synthetic or artificial fibres, see 131004
- manufacture of yarns made of man-made staple, see 131003
- manufacture of carbon fibres, see 239900

21 Manufacture of basic pharmaceutical products and pharmaceutical preparations

This division includes the manufacture of basic pharmaceutical products and pharmaceutical preparations.

This division also includes the manufacture of medicinal chemical and botanical products.

211 Manufacture of basic pharmaceutical products

2110 Manufacture of basic pharmaceutical products

211000 Manufacture of basic pharmaceutical products

This type includes:

- manufacture of active pharmaceutical ingredients to be used for their pharmacological properties in the manufacture of medical products (e.g. antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids)
- processing of blood

This type also includes:

- manufacture of chemically pure sugars
- manufacture of probiotics
- processing of glands and manufacture of extracts of glands, etc.

This type excludes:

- manufacture of advance cell and gene therapy pharmaceutical preparations, see 212000

212            Manufacture of pharmaceutical preparations

2120          Manufacture of pharmaceutical preparations

212000        Manufacture of pharmaceutical preparations

This type includes:

- 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 medical diagnostic preparations, including pregnancy tests
- manufacture of radioactive in-vivo diagnostic substances
- manufacture of cell and gene advance therapy medical products

This type also includes:

- manufacture of medical impregnated wadding, gauze, bandages, dressings, etc.
- preparation of botanical products (grinding, grading, milling) for pharmaceutical use
- manufacture of viral vector-based medicines or vaccines
- man

This type excludes:

- manufacture of herb infusions (mint, vervain, chamomile, etc.), see 108300
- manufacture of probiotics, see 211000
- manufacture of dental fillings and dental cement, see 325009
- manufacture of bone reconstruction cements, see 325009
- manufacture of surgical drapes, see 325009
- wholesale of pharmaceuticals, see 464601
- retail sale of pharmaceuticals, see 477300
- research and development for pharmaceuticals and other biotech products, see 721001
- packaging of pharmaceuticals, see 829200

22            Manufacture of rubber and plastic products

This division includes the manufacture of rubber and plastic products. This division is characterised by the raw materials used in the manufacturing process. However, this does not imply that the manufacture of all products made of these materials is classified here. This division also includes the manufacture of products of composite materials in which plastic is the predominant material.

221 Manufacture of rubber products

This group includes the manufacture of rubber products.

2211 Manufacture, retreading and rebuilding of rubber tyres and manufacture of tubes

221100 Manufacture, retreading and rebuilding of rubber tyres and manufacture of tubes

This type 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 type excludes:

- manufacture of tube repair materials, see 221200
- tyre and tube repair, fitting or replacement, see 953101

2212 Manufacture of other rubber products

221200 Manufacture of other rubber products

This type includes:

- manufacture of other products of natural or synthetic rubber, unvulcanised, vulcanised 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
  - rubber thread and rope
  - rubberised yarn and fabrics
  - rubber rings, fittings and seals
  - rubber roller coverings
  - inflatable rubber mattresses
  - inflatable balloons
- manufacture of rubber brushes
- manufacture of hard rubber pipe stems
- manufacture of hard rubber combs, hairpins, hair rollers, and similar
- manufacture of rubber expansion joints for the construction industry

- manufacture of cellular rubber latex
- manufacture of rubber floor coverings

This type also includes:

- manufacture of rubber repair materials
- manufacture of textile fabric impregnated, coated, covered or laminated with rubber
- manufacture of rubber waterbed mattresses
- manufacture of rubber bathing caps and aprons
- manufactu

This type excludes:

- manufacture of tyre cord fabrics, see 139600
- manufacture of apparel of elastic fabrics, see 1422, 142900
- rubber sole and other rubber parts of footwear, see 152000
- manufacture of glues and adhesives based on rubber, see 205900
- manufacture of camelback strips, see 221100
- manufacture of inflatable rafts and boats, see 301100, 301200, 301300
- manufacture of mattresses of uncovered cellular rubber, see 310009
- manufacture of rubber sports requisites (e.g. swimming and paddling pools), except apparel, see 323000
- manufacture of rubber games and toys (including children's wading pools, inflatable children's rubber boats, inflatable rubber animals, balls, etc.), see 324000
- reclaiming of rubber, see 382100

222 Manufacture of plastic products

This group comprises processing new or spent (in other words, recycled) plastic resins into intermediate or final products, using processes such as compression moulding; extrusion moulding; injection moulding; blow moulding; casting. For most of these, the production process is such that a wide variety of products can be made.

This group excludes:

- production of plastic parts or accessories which are suitable for use solely or principally for motor vehicles, see 293

2221 Manufacture of plastic plates, sheets, tubes and profiles

222100 Manufacture of plastic plates, sheets, tubes and profiles

This type includes:

- manufacture of semi-manufactures of plastic products:
  - plates, sheets, blocks, film, foil, strip, etc.
- manufacture of finished plastic products:
  - tubes, pipes and hoses; hose and pipe fittings
  - cellophane film or sheet
- manufacture of flexible or rigid plates and sheets of cellular polyurethane
- manufacture of plastic plates, sheets, film, foil and strip, reinforced, laminated, supported or similarly combined with other materials
- manufacture of self-adhesive plates, sheets, film, foil, tapes and foilstrip of plastic

This type excludes:

- manufacture of plastics in primary forms, see 201600
- manufacture of articles of synthetic or natural rubber, see 221

- embedding of metal pipes with polyurethane foam and encasing with a plastic pipe (e.g. for steam and hot water supply services), see 222500

2222 Manufacture of plastic packing goods

222200 Manufacture of plastic packing goods

This type includes:

- manufacture of plastic articles for the packing of goods:

- plastic bags, sacks, containers, boxes, cases, carboys, bottles, etc.

This type excludes:

- manufacture of luggage and handbags of plastic, see 151200

2223 Manufacture of doors and windows of plastic

222300 Manufacture of doors and windows of plastic

This type includes:

- manufacture of doors, windows and their frames of plastic

- manufacture of multi-material doors and windows with the frame made of plastic

- manufacture of shutters, blinds (including venetian blinds) and similar articles, and parts thereof, made of plastic

- manufacture of multi-material shutters for doors and windows with the frame made of plastic

2224 Manufacture of builders' ware of plastic

222400 Manufacture of builders' ware of plastic

This type includes:

- manufacture of builders' plastics ware:

- skirting boards
- tanks, reservoirs
- plastic floor, wall or ceiling coverings in rolls or in the form of tiles, etc.
- plastic sanitaryware like plastic baths, shower baths, washbasins, lavatory pans, flushing cisterns, etc.

- manufacture of resilient floor coverings (e.g. vinyl, linoleum)

This type also includes:

- manufacture of sanitary ware made out of a mixture of plastics and minerals, with the minerals serving as a filler

This type excludes:

- manufacture of rubber floors, see 221200

- manufacture of doors and windows of plastic, see 222300

2225 Processing and finishing of plastic products

222500 Processing and finishing of plastic products

This type includes general activities for the processing and finishing of plastic products, typically carried out on a fee or contract basis:

- processing of plastics (e.g. by cutting, chamfering, turning, milling, drilling, threading by computer numerical control (CNC) or other machineries)
- bending, gluing and welding of plastic materials
- processing of plastic surfaces (e.g. by engraving, sandblasting, microblasting, polishing)
- coating of plastic surfaces (e.g. painting, varnishing and metallisation of plastics)

This type also includes:

- cladding of metal pipes with plastics
- welding of plastic tanks and pipes
- metal coating of plastics

This type excludes:

- plastic coating of metal surfaces, see 255100

2226 Manufacture of other plastic products

222600 Manufacture of other plastic products

This type includes:

- manufacture of plastic tableware, kitchenware and toilet articles
- manufacture of diverse plastic products, e.g.:
  - plastic headgear excluding safety headgear, insulating fittings, parts of light fittings, office or school supplies, articles of apparel, fittings for furniture, statuettes, transmission and conveyer belts, plastic shoe-lasts, plastic cigar and cigarette holders, combs, plastic hair curlers, plastic novelties
- manufacture of products from polymer clay

This type also includes:

- manufacture of plastic equipment for cleaning

This type excludes:

- manufacture of plastic luggage, see 151200
- manufacture of plastic footwear, see 152000
- manufacture of plastic furniture, see 3100
- manufacture of mattresses of uncovered cellular plastic, see 310009
- manufacture of plastic sports requisites, see 323000
- manufacture of plastic games and toys, see 324000
- manufacture of plastic medical and dental appliances, see 325002
- manufacture of plastic ophthalmic goods, see 325003
- manufacture of plastic safety headgear and other personal safety equipment of plastics, see 329900

23 Manufacture of other non-metallic mineral products

This division includes manufacturing activities related to a single substance of mineral origin. This division includes the manufacture of glass and glass products (for example, flat glass, hollow glass, fibres, technical glassware), ceramic products, tiles and baked clay products, cement, concrete and plaster, from raw materials to finished articles.

The manufacture of shaped and finished stone and other mineral products is also included in this division.

This division also includes the manufacture of products of composite materials in which glass and non-metallic minerals (for example, sand, gravel,

231            Manufacture of glass and glass products  
This group includes glass in all its forms, made by any process, and articles of glass.

2311          Manufacture of flat glass

**231100      Manufacture of flat glass**

This type includes:

- manufacture of flat glass (e.g. cast, rolled, drawn or blown), surface ground or polished glass in sheets and sheets of float glass, opacified, flashed or having an absorbent, reflecting or non-reflecting layer, including wired, coloured throughout the mass or tinted flat glass

This type also includes:

- shaping and processing done as part of the manufacturing process

This type excludes:

- shaping and processing of flat glass sheets (e.g. bending, engraving, laminating, tempering), see 231200

2312          Shaping and processing of flat glass

**231200      Shaping and processing of flat glass**

This type includes:

- manufacture of bent, edgeworked, engraved, drilled or enamelled glass sheets or profiles

- manufacture of toughened or laminated safety glass

- manufacture of glass mirrors

- manufacture of multiple-walled insulating glass and units of glass

- manufacture of coated glass

- surface treatment of flat glass

This type excludes:

- printing onto glass, see 181209

- manufacture of vehicle mirrors, see 293200

2313          Manufacture of hollow glass

**231300      Manufacture of hollow glass**

This type includes:

- manufacture of bottles and other containers of glass or crystal

- manufacture of drinking glasses, glassware for table or kitchen purposes and other domestic glass or crystal articles

This type also includes:

- manufacture of glass inners for vacuum vessels

- cutting or otherwise decorating drinking glasses

This type excludes:

- printing onto glass, see 181209

- manufacture of glass toys, see 324000

2314          Manufacture of glass fibres

**231400**    **Manufacture of glass fibres**

This type includes:

- manufacture of glass fibres, including glass wool and non-woven products thereof
- manufacture of products from glass fibres

This type excludes:

- manufacture of woven fabrics of glass yarn, see 139600
- manufacture of slag-wool, rock-wool and similar mineral wools, see 239900
- manufacture of fibre optic cables for data transmission or live transmission of images, see 273100

2315        Manufacture and processing of other glass, including technical glassware

**231500**    **Manufacture and processing of other glass, including technical glassware**

This type includes:

- manufacture of laboratory, hygienic or pharmaceutical glassware
- manufacture of clock or watch glass, 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
- manufacture of glass figurines
- manufacture of glass blocks and bricks, slabs, squares and tiles, of a kind used for building or construction purposes, and multicellular or foam glass in blocks, panels, plates, shells or similar forms
- manufacture of glass in rods or tubes

This type also includes:

- manufacture of glass doors, walls, etc.
- finishing of other glass, including technical glass (e.g. cutting or mechanically polishing glassware)

This type excludes:

- manufacture of optical elements optically worked, see 267000
- manufacture of syringes and other medical laboratory equipment, see 325009

232        Manufacture of refractory products

2320       Manufacture of refractory products

**232000**    **Manufacture of refractory products**

This type includes:

- manufacture of intermediate products from mined or quarried non-metallic minerals (e.g. gravel, stone or clay)
- manufacture of refractory mortars, concretes, etc.
- manufacture of refractory ceramic goods, e.g.:
  - heat-insulating ceramic goods of siliceous fossil meals

- refractory bricks, blocks and tiles, etc.
- retorts, crucibles, muffles, nozzles, tubes, pipes, etc.

This type also includes:

- manufacture of refractory articles containing magnesium oxide, calcium magnesium oxide or chromite

233 Manufacture of clay building materials

2331 Manufacture of ceramic tiles and flags

233100 Manufacture of ceramic tiles and flags

This type includes:

- manufacture of non-refractory ceramic hearth or wall tiles, mosaic cubes, etc.
- manufacture of non-refractory ceramic flags and paving

This type excludes:

- manufacture of refractory ceramic products, see 232000
- manufacture of ceramic bricks and roofing tiles, see 233200
- manufacture of artificial stone articles for use in construction, see 236100

2332 Manufacture of bricks, tiles and construction products, in baked clay

233200 Manufacture of bricks, tiles and construction products, in baked clay

This type includes:

- manufacture of structural non-refractory ceramic articles, obtained by firing clay building materials (e.g. ceramic bricks, roofing tiles, chimney pots, pipes, conduits)
- manufacture of flooring blocks in baked clay

This type excludes:

- manufacture of refractory ceramic products, see 232000
- manufacture of non-structural non-refractory ceramic products, see 234

234 Manufacture of other porcelain and ceramic products

This group includes the manufacture of final products from mined or quarried non-metallic minerals (for example, sand, gravel, stone or clay).

2341 Manufacture of ceramic household and ornamental articles

234100 Manufacture of ceramic household and ornamental articles

This type includes:

- manufacture of ceramic tableware, kitchenware, household articles, toilet articles, statuettes and other ornamental articles of ceramics, e.g. porcelain, china, common pottery, stoneware, earthenware or fine pottery

This type excludes:

- manufacture of imitation jewellery, see 321300
- manufacture of ceramic toys, see 324000

2342 Manufacture of ceramic sanitary fixtures

234200	<p>Manufacture of ceramic sanitary fixtures</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of ceramic sanitary fixtures (e.g. sinks, washbasins, washbasin pedestals, baths, bidets, water closet pans, flushing cisterns)</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of refractory ceramic goods, see 232000</li> <li>- manufacture of ceramic building materials, see 233</li> </ul>
2343	<p>Manufacture of ceramic insulators and insulating fittings</p>
234300	<p>Manufacture of ceramic insulators and insulating fittings</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of electrical insulators and insulating fittings for electrical purposes, of ceramics</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of refractory ceramic goods, see 232000</li> </ul>
2344	<p>Manufacture of other technical ceramic products</p>
234400	<p>Manufacture of other technical ceramic products</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of permanent magnets and articles intended to become permanent magnets after magnetisation, of materials other than metal (e.g. agglomerated ferrite)</li> <li>- manufacture of ceramic wares for laboratory, chemical or other technical uses</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of refractory ceramic goods, see 232000</li> <li>- manufacture of ceramic building materials, see 233</li> <li>- manufacture of artificial stone (e.g. cultured marble), see 236600</li> </ul>
2345	<p>Manufacture of other ceramic products</p>
234500	<p>Manufacture of other ceramic products</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of ceramic pots, jars and similar articles, of a kind used for conveyance or packing of goods</li> <li>- manufacture of ceramic troughs, tubs and similar receptacles, of a kind used in agriculture</li> <li>- manufacture of ceramic products n.e.c.</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of ceramic sanitary fixtures, see 234200</li> <li>- manufacture of artificial teeth, see 325002</li> </ul>
235	<p>Manufacture of cement, lime and plaster</p>

2351 Manufacture of cement

**235100 Manufacture of cement**

This type includes:

- manufacture of clinker and hydraulic cements, including Portland cement, aluminous cement, slag cement, supersulphate cement and similar hydraulic cements, whether or not coloured or in the form of clinker

This type excludes:

- manufacture of refractory mortars, concrete, etc., see 232000
- manufacture of ready-mixed and dry-mix concrete and mortars, see 236300, 236400
- manufacture of articles of cement, see 236500, 236600
- manufacture of cements used in dentistry, see 325009

2352 Manufacture of lime and plaster

**235200 Manufacture of lime and plaster**

This type includes:

- manufacture of quicklime, slaked lime and hydraulic lime
- manufacture of plasters of calcined gypsum or calcium sulphate

This type also includes:

- manufacture of calcined or sintered dolomite

This type excludes:

- manufacture of pure calcium oxide and calcium hydroxide, see 201200
- manufacture of articles of plaster, see 236200, 236600

236 Manufacture of articles of concrete, cement and plaster

2361 Manufacture of concrete products for construction purposes

**236100 Manufacture of concrete products for construction purposes**

This type includes:

- manufacture of precast concrete, cement or artificial stone articles for use in construction:

- tiles, flagstones, building blocks, bricks, boards, sheets, panels, pipes, posts, etc.
- manufacture of prefabricated structures and structural components for building or civil engineering, traffic control and obstruction, of cement, concrete or artificial stone
- manufacture of prefabricated factory-made elements of brick for construction of prefabricated structures to be used in landscaping and retaining wall, wastewater and stormwater management, and underground utilities
- manufacture of factory-made elements with concrete
- manufacture of prefabricated concrete pipes for drinking water

This type also includes:

- manufacture of calcium silicate masonry units
- manufacture of autoclaved aerated concrete masonry units

This type excludes:

- manufacture of other articles of concrete, cement and plaster not for use in construction, see 236600

2362 Manufacture of plaster products for construction purposes

236200 Manufacture of plaster products for construction purposes

This type includes:

- manufacture of articles of plaster or compositions based on plaster for use in construction:

- boards, sheets, panels, tiles and similar articles, not ornamented

2363 Manufacture of ready-mixed concrete

236300 Manufacture of ready-mixed concrete

This type includes:

- manufacture of concrete ready to pour, i.e. to which water has already been added and which is usually transported in concrete mixer lorries

This type excludes:

- manufacture of refractory cements, see 232000

2364 Manufacture of mortars

236400 Manufacture of mortars

This type includes:

- manufacture of non-refractory mortars and of concrete not yet mixed with water

This type excludes:

- manufacture of refractory mortars, see 232000

- manufacture of ready-mixed and concrete ready to pour, see 236300

2365 Manufacture of fibre cement

236500 Manufacture of fibre cement

This type includes:

- manufacture of panels, boards, tiles, blocks and similar articles of vegetable substances (e.g. wood wool, straw, reeds, rushes) agglomerated with cement, plaster or other mineral binders

- manufacture of articles of asbestos-cement or cellulose fibre-cement, e.g.:

- corrugated sheets, other sheets, panels, tiles, tubes, pipes, reservoirs, troughs, basins, sinks, jars, window frames

This type excludes:

- manufacture of insulating fibreboards of wood or other ligneous fibres, whether or not bonded with resins or other organic substances, see 162100

2366 Manufacture of other articles of concrete, cement and plaster

236600	<p>Manufacture of other articles of concrete, cement and plaster</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- manufacture of other articles of concrete, plaster or of compositions based on plaster, cement or artificial stone (e.g. statuary, bas- and haut-reliefs, vases, flowerpots)</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- manufacture of ornamented boards or panels of plaster or of compositions based on plaster</li> <li>- other articles of calcium silicate</li> <li>- other articles of autoclaved aerated concrete</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of precast concrete, cement or artificial stone articles for use in construction, see 236100</li> </ul>
237	Cutting, shaping and finishing of stone
2370	<p>Cutting, shaping and finishing of stone</p> <p>This class includes:</p> <ul style="list-style-type: none"> <li>- cutting, shaping and finishing of stone (e.g. for use in construction, in cemeteries, on roads, as roofing)</li> <li>- manufacture of stone furniture</li> </ul>
237001	<p>Sculpture and stone cutting</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- sculpting of stone for funerary monuments</li> <li>- manufacture of low and high relief sculptures, as well as sculptures in the round</li> <li>- manufacture of stone fountains</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- activities of independent artists, see 901200</li> <li>- restoration of historical monuments made from stone, see 913000</li> </ul>
237002	<p>Other cutting, shaping and finishing of stone</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- cutting of natural stone for use in kitchens, floors, chimneys, stairs, roof coverings, roads, etc.</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- activities carried out by operators of quarries (e.g. production of rough cut stone), see 081100</li> <li>- production of millstones, abrasive stones and similar products, see 239</li> </ul>
239	Manufacture of abrasive products and non-metallic mineral products n.e.c.
2391	Manufacture of abrasive products
239100	<p>Manufacture of abrasive products</p> <p>This type includes:</p>

- manufacture of millstones, grindstones, grinding wheels, etc., without frameworks, for grinding, sharpening, trueing or cutting, hand sharpening or polishing stones

This type also includes:

- manufacture of natural or artificial abrasive powder or grain, on a base of textile material, of paper, of paperboard or of other materials, whether or not cut to shape or sewn or otherwise made

2399 Manufacture of other non-metallic mineral products n.e.c.

239900 Manufacture of other non-metallic mineral products n.e.c.

This type includes:

- manufacture of friction material and unmounted articles thereof with a base of mineral substances or of cellulose

- manufacture of mineral insulating materials, e.g.:

• 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, e.g.:

• worked mica and articles of mica, of peat, of graphite (other than electrical articles)

- manufacture of articles of asphalt or similar material (e.g. petroleum bitumen or coal tar pitch)

- manufacture of carbon and graphite fibres and products (except electrodes and electrical applications)

- manufacture of artificial corundum

This type excludes:

- manufacture of glass wool and non-woven glass wool products, see 231400

- manufacture of graphite electrodes, see 279000

- manufacture of carbon or graphite gaskets, see 282900

24 Manufacture of basic metals

This division includes the activities of smelting and/or refining ferrous and non-ferrous metals from ore, pig, metal waste or scrap, using electro-metallurgical and other metallurgical process techniques.

This division also includes the manufacture of 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, f

241 Manufacture of basic iron and steel and of ferro-alloys

2410 Manufacture of basic iron and steel and of ferro-alloys

241000 Manufacture of basic iron and steel and of ferro-alloys

This type includes activities such as the direct reduction of iron ore, production of pig iron in molten or solid form, conversion of pig iron into steel, manufacture of ferro-alloys and manufacture of steel products.

This type 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 ferrous products by direct reduction of iron and other spongy ferrous products
- production of iron of exceptional purity by electrolysis or other chemical processes
- remelting of scrap ingots of iron or steel
- production of granular iron and iron powder
- production of iron and steel in ingots or other primary forms
- production of semi-finished products of iron or steel
- manufacture of hot-rolled and cold-rolled flat-rolled products of iron or steel
- manufacture of hot-rolled bars and rods of iron or steel
- manufacture of hot-rolled open sections of iron or steel
- manufacture of sheet piling of steel and welded open sections of iron or steel
- manufacture of railway track materials (unassembled rails) of iron or steel
- production of blast furnace gas

This type also includes:

- manufacture of coated or uncoated flat rolled steel products in coils or in straight lengths of a width of 600 mm or more by cold re-rolling of hot-rolled flat products or of steel rods

This type excludes:

- cold drawing of bars, see 243100

242            Manufacture of tubes, pipes, hollow profiles and related fittings, of steel

2420          Manufacture of tubes, pipes, hollow profiles and related fittings, of steel

242000        Manufacture of tubes, pipes, hollow profiles and related fittings, of steel

This type includes:

- manufacture of seamless tubes and pipes of circular or non-circular cross section and of blanks of circular cross section, for further processing, by hot rolling, hot extrusion or by other hot processes of an intermediate product, which can be a bar or a billet obtained by hot rolling or continuous casting
- manufacture of precision and non-precision seamless tubes and pipes from hot-rolled or hot-extruded blanks by further processing, by cold drawing or cold rolling of tubes and pipes of circular cross section and by cold drawing only for tubes and pipes of non-circular cross section and hollow profiles
- manufacture of welded tubes and pipes of an external diameter exceeding 406,4 mm, cold formed from hot-rolled flat products and longitudinally or spirally welded
- manufacture of welded tubes and pipes of an external diameter of 406,4 mm or less of circular cross section by continuous cold or hot forming of hot- or cold-rolled flat products and longitudinally or spirally welded and of

non-circular cross section by hot or cold forming into shape from hot- or cold-rolled strip longitudinally welded

- manufacture of welded precision tubes and pipes of an external diameter of 406,4 mm or less by hot or cold forming of hot- or cold-rolled strip and longitudinally welded delivered as welded or further processed, by cold drawing or cold rolling or cold formed into shape for tube and pipe of non-circular cross section

- manufacture of flat flanges and flanges with forged collars by processing of hot-rolled flat products of steel

- manufacture of butt-welding fittings (e.g. elbows and reductions), by forging of hot-rolled seamless tubes of steel

- threaded and other tube or pipe fittings of steel

This type excludes:

- manufacture of seamless tubes and pipes of steel by centrifugally casting, see 245200

243            Manufacture of other products of first processing of steel  
This group includes manufacturing other products by cold processing of steel.

2431            Cold drawing of bars

243100        Cold drawing of bars

This type includes:

- manufacture of steel bars, rods, and solid sections of steel by cold drawing, grinding or cold-finishing

This type excludes:

- cold drawing of wire, see 243400

2432            Cold rolling of narrow strip

243200        Cold rolling of narrow strip

This type includes:

- manufacture of coated or uncoated flat rolled steel products in coils or in straight lengths of a width less than 600 mm by cold re-rolling of hot-rolled flat products or of steel rods

This type excludes:

- manufacture of coated or uncoated flat rolled steel products in coils or in straight lengths of a width of 600 mm or more by cold re-rolling of hot-rolled flat products or of steel rods, see 241000

2433            Cold forming or folding

243300        Cold forming or folding

This type includes:

- manufacture of open sections by progressive cold forming on a roll mill or folding on a press of flat-rolled products of steel

- manufacture of cold-formed or cold-folded, ribbed sheets and sandwich panels

2434 Cold drawing of wire

**243400 Cold drawing of wire**

This type includes:

- manufacture of drawn steel wire, by cold drawing of steel wire rod

This type excludes:

- drawing of bars and solid sections of steel, see 243100

- manufacture of derived wire products, see 259300

244 Manufacture of basic precious and other non-ferrous metals

2441 Precious metals production

**244100 Precious metals production**

This type 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 in semi-manufactured or in powder forms

- cladding of base metals with a covering of silver, gold or platinum, affixed by soldering, brazing, welding, hot-rolling or similar mechanical means

This type also includes:

- manufacture of wire of precious metals by drawing

- manufacture of precious metal plates, sheets, strips and foil laminates

- silver recovery from waste and scrap by electrolytic refining

- melting and casting of precious metal

This type excludes:

- casting of copper, zinc and other non-ferrous metals, see 245400

- manufacture of precious metal jewellery, see 321202

2442 Aluminium production

**244200 Aluminium production**

This type includes:

- production of unwrought aluminium, alloyed or not alloyed, from alumina or from aluminium waste and scrap

- manufacture of aluminium bars, rods, profiles and wire

- manufacture of aluminium tubes, pipes, tube and pipe fittings

- manufacture of aluminium plates, sheets and strip, whether or not painted, varnished or coated with plastics

- manufacture of aluminium foil, whether or not printed or backed with paper, paperboard, plastics or similar backing materials

This type also includes:

- production of aluminium oxide (alumina)

This type excludes:

- casting of aluminium and other light metals, see 245300

- shredding of aluminium waste and scrap, see 382100

2443 Lead, zinc and tin production

244300 Lead, zinc and tin production

This type includes:

- production of unwrought lead, zinc and tin, alloyed or not alloyed, from ores or from lead, zinc or tin waste and scrap
- manufacture of bars, rods, profiles, wire, plates, sheets, strip and foil of lead, zinc or tin

This type also includes:

- manufacture of zinc powder by atomisation of molten zinc

This type excludes:

- casting of lead, zinc or tin, see 245400
- shredding of lead, zinc or tin waste and scrap, see 382100

2444 Copper production

244400 Copper production

This type includes:

- manufacture of unrefined or refined unwrought copper, alloyed or not alloyed, from ores or from copper waste and scrap
- manufacture of bars, rods, profiles, plates, sheets and strip of copper and copper alloys
- manufacture of wire of copper and copper alloys
- manufacture of tubes, pipes, tube and pipe fittings of copper and copper alloys
- manufacture of copper foil, whether or not printed or backed with paper, paperboard, plastics or similar backing materials

This type also includes:

- manufacture of bars, rods, profiles, plates, sheets, strip, wire, tubes and pipes of brass

This type excludes:

- casting of copper, see 245400
- shredding of copper waste and scrap, see 382100

2445 Other non-ferrous metal production

244500 Other non-ferrous metal production

This type includes:

- production of unwrought chrome, manganese, nickel, etc., alloyed or not alloyed, from ores or oxides or from electrolytic and aluminothermic refining of chrome, manganese, nickel, etc., waste and scrap
- manufacture of bars, rods, profiles and wire of chrome, manganese, nickel, etc.
- manufacture of plates, sheets, strip and foil of chrome, manganese, nickel, etc.
- production of mattes of nickel
- production of other non-ferrous metals

This type excludes:

- casting of non-ferrous metals, see 245300, 245400
- shredding of non-ferrous metal waste and scrap, see 382100

2446 Processing of nuclear fuel

244600 Processing of nuclear fuel

This type includes:

- production of natural uranium metal and its compounds from pitchblende or other ores
- manufacture of alloys of natural uranium, dispersions (including cermets), ceramic products and mixtures containing natural uranium or natural uranium compounds
- smelting and refining of natural uranium

This type excludes:

- enrichment of uranium and thorium ores, see 201300

245 Casting of metals

This group includes activities of foundries employing different casting processes to produce castings with all ferrous and non-ferrous metal alloys. Subsequent trimming or descaling of the castings might be included, but without any further processing.

This group includes the manufacture of castings used in various industries.

This group excludes:

- manufacture of products obtained by production processes other than from castings (e.g. as forged, pressed, drawn and stamped parts, rolled rings or powder metallurgy products), see division 25
- manufacture of finished products by further processing of castings, e.g.:
  - boilers and radiators, see 252100
  - cast household items, anchors, ships' propellers and bells, see 259900

2451 Casting of iron

245100 Casting of iron

This type includes activities of iron foundries.

This type includes:

- manufacture of castings made of grey iron castings
- manufacture of castings made of ductile iron castings (including casting of spheroidal graphite iron castings and malleable iron castings)
- manufacture of castings made of other special iron alloys castings

2452 Casting of steel

245200 Casting of steel

This type includes:

- manufacture of castings made of alloy or common steel castings
- manufacture of castings made of carbon or commercial steel castings
- manufacture of castings made of alloy and high alloy castings
- manufacture of castings made of stainless-steel castings

2453 Casting of light metals

**245300 Casting of light metals**

This type includes:

- activities of foundries of light metal
- manufacture of castings made of aluminium
- manufacture of castings made of magnesium
- manufacture of castings made of titanium

This type also includes:

- casting of dental implements, etc., of light metals

This type excludes:

- casting of metals not considered light metals, see 245100, 245200, 245400

2454 Casting of other non-ferrous metals

**245400 Casting of other non-ferrous metals**

This type includes:

- activities of foundries of other non-ferrous metals
- manufacture of castings made of copper, zinc, lead or nickel alloys
- manufacture of castings made of other non-ferrous metals alloys

This type also includes:

- casting of dental implements, etc., of other non-ferrous metals

25 Manufacture of fabricated metal products, except machinery and equipment

This division includes the manufacture of pure metal products (for example, parts, containers, structures), usually with a static, immovable function.

This is in contrast to divisions 26 to 30, which cover the manufacture of 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.

This division also includes the manufacture of products of composite materials in which metals are the predominant material.

The manufacture of weapons and ammunition is also included in this division.

This division excludes:

- specialised repair and maintenance activities of fabricated metal products, machinery and equipment, see 331
- specialised installation of manufactured goods produced in this division in buildings (e.g. central heating boilers), see 4322

251 Manufacture of structural metal products

This group includes the manufacture of structural metal products (for example, metal frameworks or metal parts for parts of structures).

2511 Manufacture of metal structures and parts of structures

**251100**    **Manufacture of metal structures and parts of structures**  
 This type includes:  
 - manufacture of metal frameworks or skeletons for construction and parts thereof (towers, lattice masts, trusses, bridges, bridge sections, etc.)  
 - manufacture of equipment for scaffolding, shuttering, propping or pit-propping  
 - 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.  
 This type also includes:  
 - manufacture of supporting structures of metal (e.g. for lights or loudspeakers)  
 This type excludes:  
 - manufacture of parts for marine or power boilers, see 252100  
 - manufacture of assembled railway track fixtures, see 259900  
 - manufacture of coachwork, see 292000  
 - manufacture of sections of ships, see 301100, 301300

2512        Manufacture of doors and windows of metal

**251200**    **Manufacture of doors and windows of metal**  
 This type includes:  
 - manufacture of metal doors, windows and their frames, thresholds for doors, shutters and gates  
 - metal room partitions for floor attachment  
 - manufacture of metal blinds, metal sunblinds and insect screens  
 This type also includes:  
 - manufacture of temporary spatial extensions made of metal

252         Manufacture of tanks, reservoirs and containers of metal  
 This group includes the manufacture of metal tanks, central heating radiators, steam or other vapour generating boilers (other than central heating boilers).

2521        Manufacture of central heating radiators, steam generators and boilers

**252100**    **Manufacture of central heating radiators, steam generators and boilers**  
 This type includes:  
 - manufacture of radiators for central heating, non-electrically heated  
 - manufacture of steam or other vapour generating boilers  
 - manufacture of auxiliary plant for use with steam or other vapour generating boilers (e.g. economisers, super heaters, steam collectors and accumulators)  
 - manufacture of condensers for steam or other vapour power units  
 - manufacture of nuclear reactors, except isotope separators  
 - manufacture of marine or power boilers  
 This type excludes:  
 - manufacture of electrical ovens and water heaters, see 275100

- manufacture of boiler turbine sets, see 281100
- manufacture of household heating equipment, see 282100
- manufacture of isotope separators, see 289900

2522 Manufacture of other tanks, reservoirs and containers of metal

**252200 Manufacture of other tanks, reservoirs and containers of metal**

This type includes:

- manufacture of reservoirs, tanks, vats and similar containers of metal of a capacity exceeding 300 litres, whether or not lined or heat-insulated
- manufacture of metal containers for compressed or liquefied gas

This type excludes:

- manufacture of metal casks, drums, cans, pails, boxes, etc., of a kind normally used for carrying and packing of goods, of a capacity not exceeding 300 litres, see 259100, 259200
- manufacture of transport containers, see 292000
- manufacture of tanks (armoured military vehicles), see 304000

253 Manufacture of weapons and ammunition

2530 Manufacture of weapons and ammunition

**253000 Manufacture of weapons and ammunition**

This type includes:

- manufacture of military weapons (e.g. artillery weapons, rocket launchers, flame-throwers, grenade launchers, torpedo tubes and similar projectors, machine guns)
- manufacture of pistols, shotguns and rifles
- manufacture of spring, air or gas guns and pistols, etc.
- manufacture of war ammunition
- manufacture of cartridges for shotguns, revolvers and pistols
- manufacture of bombs, grenades, torpedoes, mines, missiles and similar munitions of war

This type also includes:

- manufacture of hunting, sporting or protective firearms and ammunition

This type excludes:

- manufacture of percussion caps, detonators or signalling flares, see 205900
- manufacture of cutlasses, swords, bayonets, etc., see 256100
- manufacture of optical gun sighting equipment, see 267000
- manufacture of bodies for armoured vehicles, see 292000
- building of military ships and vessels, see 301300
- manufacture of military air and spacecraft, see 303200
- manufacture of tanks and other armoured and motorised fighting vehicles, see 304000

254 Forging and shaping metal and powder metallurgy

2540 Forging and shaping metal and powder metallurgy

**254000 Forging and shaping metal and powder metallurgy**

This type includes general activities for the forming of metal.

This type includes:

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

This type also includes:

- subsequent trimming or descaling of the metal, without any further processing

This type excludes:

- production of metal powder, see 241000, 244

255 Treatment and coating of metals; machining

This group includes general activities for the treatment of metal (for example, plating, coating, engraving, boring, polishing or welding), which are typically carried out on a fee or contract basis.

2551 Coating of metals

**255100 Coating of metals**

This type includes:

- galvanising, including general (batch) hot-dip galvanising
- phosphate or chromate conversion coating
- cladding, electroplating, anodising, etc., of metals
- colouring of metals
- non-metallic coating of metals, e.g.:
  - powder or plastic coating, enamelling, lacquering

This type excludes:

- activities of farriers, see 016200
- printing onto metals, see 181209
- metal coating of plastics, see 222500
- cladding of base metals with a covering of silver, gold or platinum, see 244100
- heat treatment of metals, see 255200
- hardening of metals, see 255200
- painting of metals on buildings and civil engineering structures, see 433401
- 'while-you-wait' engraving services, see 952900

2552 Heat treatment of metals

**255200 Heat treatment of metals**

This type includes:

- general activities for the heat treatment of metals
- thermomechanical heat treatment of metals (e.g. preheating, annealing, hardening, tempering, quenching, deep freezing of metal)

- thermochemical heat treatment of metals (e.g. carburising, carbonitriding, nitrocarburising, nitriding, oxidising, sulphidising, boriding)

2553

Machining of metals

This class includes:

- boring, turning, milling, eroding, planing, lapping, broaching, levelling, sawing, grinding, sharpening, deburring, sandblasting, tumbling, polishing, buffing, welding, splicing, etc., of metalwork pieces

This class excludes:

- activities of farriers, see 016200

255301

Precision mechanics

This type includes:

- manufacture of metalwork pieces requiring tight dimensional and geometric tolerances  
- bar turning activities

This type excludes:

- manufacture of components for the watchmaking industry, see 265205

255302

Other machining of metals

This type includes:

- cutting of and engraving or writing on metals by means of laser beams  
- additive manufacturing of metalwork pieces

This type excludes:

- manufacture of hardware, e.g. padlocks, locks, keys, hinges, see 256200  
- manufacture of metal structures and parts of structures, see 251100  
- manufacture of doors and windows of metal, see 251200

256

Manufacture of cutlery, tools and general hardware

This group includes the manufacture of cutlery, metal hand tools and general hardware.

2561

Manufacture of cutlery

256100

Manufacture of cutlery

This type includes:

- manufacture of domestic cutlery (e.g. knives, forks, spoons)  
- manufacture of other articles of cutlery, e.g.:

- cleavers and choppers
- razors and razor blades
- scissors and hair clippers

- manufacture of cutlasses, swords, bayonets, etc.

This type excludes:

- manufacture of knives and cutting blades for industrial machines, see 256300  
- manufacture of hollowware (pots, kettles, etc.), dinnerware (bowls, platters, etc.), or flatware (plates, saucers, etc.), see 259900  
- manufacture of cutlery of precious metal, see 321202

2562

Manufacture of locks and hinges

**256200**    **Manufacture of locks and hinges**  
This type includes:  
- manufacture of hardware, such as padlocks, locks, keys, hinges (e.g. base metal mountings, fittings and similar articles for buildings, furniture, vehicles)  
This type excludes:  
- lock repair and provision of key duplication services, see 952900

2563        **Manufacture of tools**

**256300**    **Manufacture of tools**  
This type includes:  
- manufacture of knives and cutting blades for machines or for mechanical appliances  
- manufacture of hand tools (e.g. pliers, screwdrivers)  
- manufacture of non-power-driven agricultural hand tools  
- manufacture of saws and saw blades, including circular saw blades and chainsaw blades  
- manufacture of interchangeable tools for hand tools, whether or not power-operated, or for machine tools (e.g. drills, punches, milling cutters)  
- manufacture of press tools  
- manufacture of blacksmiths' tools (e.g. forges, anvils)  
- manufacture of moulding boxes and moulds (except ingot moulds)  
- manufacture of vices, clamps  
This type excludes:  
- manufacture of power-driven hand tools, see 282400  
- manufacture of ingot moulds, see 289100

259         **Manufacture of other fabricated metal products**  
This group includes the manufacture of a variety of metal products (for example, cans, buckets; nails, bolts and nuts; metal household articles; metal fixtures; ships propellers and anchors; assembled railway track fixtures, etc.) for a variety of household and industrial uses.

2591        **Manufacture of steel drums and similar containers**

**259100**    **Manufacture of steel drums and similar containers**  
This type includes:  
- manufacture of iron or steel tanks, cans, drums, buckets, boxes and similar containers, of a capacity not exceeding 300 litres  
This type excludes:  
- manufacture of containers of metal, for compressed or liquefied gas, of a capacity exceeding 300 litres, see 252200

2592        **Manufacture of light metal packaging**

**259200**    **Manufacture of light metal packaging**  
This type includes:

- manufacture of iron or steel cans which are to be closed by soldering or crimping, of a capacity of less than 50 litres
- manufacture of aluminium casks, drums, cans, boxes and similar containers, of a capacity not exceeding 300 litres
- manufacture of tins and cans for food products, collapsible tubes and boxes
- manufacture of metallic closures

This type excludes:

- manufacture of containers of metal, for compressed or liquefied gas of a capacity exceeding 300 litres, see 252200

2593 Manufacture of wire products, chain and springs

259300 Manufacture of wire products, chain and springs

This type includes:

- 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 coated or cored wire
- manufacture of articles made of wire (e.g. barbed wire, wire fencing, grill, netting, cloth)
- coated electrodes for electric arc-welding
- manufacture of nails and pins
- manufacture of springs (except watch springs), e.g.:
  - leaf springs, helical springs, torsion bar springs
  - leaves for springs
- manufacture of chain, except power transmission chain

This type excludes:

- manufacture of clock or watch springs, see 265205
- manufacture of wire and cable for electricity transmission, see 273200
- manufacture of power transmission chain, see 281500

2594 Manufacture of fasteners and screw machine products

259400 Manufacture of fasteners and screw machine products

This type includes:

- manufacture of rivets, washers and similar non-threaded products
- manufacture of screw machine products
- manufacture of bolts, screws, nuts and similar threaded products

2599 Manufacture of other fabricated metal products n.e.c.

259900 Manufacture of other fabricated metal products n.e.c.

This type includes:

- 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 building components of zinc: gutters, roof capping, 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 thereof
    - anchors
    - bells
    - assembled railway track fixtures
    - clasps, buckles, hooks
    - metal ladders
    - metal signs, including road signs
  - manufacture of foil bags
  - manufacture of permanent metallic magnets
  - manufacture of metal badges and metal military insignia
  - manufacture of metal hair curlers, metal umbrella handles and frames, combs
- This type excludes:
- manufacture of swords, bayonets, see 256100
  - manufacture of shopping carts, see 309900
  - manufacture of metal furniture, see 3100
  - manufacture of sports goods, see 323000
  - manufacture of games and toys, see 324000

- 26            Manufacture of computer, electronic and optical products  
 This division includes the manufacture of computers, computer peripherals, communication equipment, and similar electronic products, as well as the manufacture of components for such products. Production processes of this division are characterised by the design and use of integrated circuits and the application of highly specialised miniaturisation technologies.  
 The division also contains the manufacture of consumer electronics, measuring, testing and navigating equipment, irradiation, electromedical and electrotherapeutic equipment, optical instruments and equipment, and the manufacture of magnetic and optical m  
 This division excludes the manufacture of conductors for electronic use and of optical fibre cables, see division 27.
- 261            Manufacture of electronic components and boards
- 2611            Manufacture of electronic components
- 261100        Manufacture of electronic components  
 This type includes the manufacture of semiconductors and other components for electronic applications.  
 This type includes:

- manufacture of capacitors, electronic
- manufacture of resistors, electronic
- manufacture of microprocessors
- manufacture of electron tubes
- manufacture of cables, printer cables, monitor cables, universal serial bus (USB) cables
- manufacture of bare printed circuit boards, consisting only of conductor elements and contacts
- manufacture of integrated circuits (analogue, digital or hybrid)
- manufacture of diodes, transistors and related discrete devices
- manufacture of inductors (e.g. chokes, coils, transformers), electronic component-type transformers
- manufacture of electronic crystals and crystal assemblies
- manufacture of solenoids, switches and transducers for electronic applications
- manufacture of dice or wafers – which consist of chemical elements (e.g. silicon) – that are selectively doped or diffused to create discrete regions for the purposes of their applications in the field of electronics
- manufacture of display components (plasma, polymer, liquid crystal displays (LCDs))
- manufacture of light-emitting diodes (LEDs)
- manufacture of photovoltaic cells, modules and panels

This type excludes:

- printing of smart cards, see 1812
- manufacture of printed circuits consisting of conductor elements, contacts and other passive elements, see 261200
- manufacture of computer and television displays, see 262000, 264000
- manufacture of modems (carrier equipment), see 263000
- manufacture of X-ray tubes and similar irradiation devices, see 266000
- manufacture of optical equipment and instruments, see 267000
- manufacture of similar devices for electrical applications, see division 27
- manufacture of fluorescent ballasts, see 271100
- manufacture of solar generators, which can be used directly to supply power to, e.g. a motor or an electrolyser, see 271100
- manufacture of electrical relays, see 271200
- manufacture of electrical wiring devices, see 273300
- manufacture of assembled electric conductors, insulated and fitted with connectors, see 279000
- manufacture of solar water heaters, see 282100
- installation of solar panels, see 432100
- installation of solar heating systems, see 432202

2612      Manufacture of loaded electronic boards

**261200      Manufacture of loaded electronic boards**

This type includes:

- manufacture of loaded printed circuit boards consisting of conductor elements, contacts and other passive elements
- loading of passive elements (components) onto printed circuit boards
- manufacture of interface cards (e.g. sound, video, controllers, network, modems) loaded with passive elements

This type excludes:

- printing of smart cards, see 1812
- manufacture of bare printed circuit boards, consisting only of conductor elements and contacts, see 261100

262            Manufacture of computers and peripheral equipment

2620          Manufacture of computers and peripheral equipment

262000        Manufacture of computers and peripheral equipment

This type includes the manufacture and/or assembly of electronic computers (for example, mainframes, desktop computers, laptops, computer servers); computer peripheral equipment (for example, storage devices, input/output devices, such as printers, monitors, keyboards). Computers can be analogue, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following: (1) store the processing program or programs and the data immediately necessary for the execution of a program, (2) can be freely programmed in accordance with the requirements of the user, (3) perform arithmetical computations specified by the user and (4) execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run. Analogue computers are capable of simulating mathematical models and comprise at least analogue control and programming elements.

This type includes:

- manufacture of desktop computers
- manufacture of laptop computers
- manufacture of mainframe computers
- manufacture of handheld computers
- manufacture of magnetic disk drives, flash drives and other storage devices
- manufacture of optical disc drives for computers
- manufacture of printers
- manufacture of monitors
- manufacture of keyboards
- manufacture of all types of mice, joysticks, and trackball accessories
- manufacture of dedicated computer terminals
- manufacture of computer servers
- manufacture of scanners, including barcode scanners
- manufacture of smart card readers
- manufacture of computer projectors (video beamers)
- manufacture of toner cartridges

This type also includes:

- manufacture of computer terminals, like automatic teller machines (ATMs) and point-of-sale (POS) terminals, not mechanically operated
- manufacture of multifunction office equipment performing two or more of following functions

This type excludes:

- reproduction of recorded media (computer media, sound, video, etc.), see 182000

- manufacture of electronic components and electronic assemblies used in computers and peripherals, see 261
- manufacture of computer modems, see 261200
- manufacture of interface cards, modules and assemblies, see 261200
- manufacture of printed circuit boards loaded with passive elements, see 261200
- manufacture of modems, carrier equipment, see 263000
- manufacture of digital communication switches, data communication equipment (e.g. bridges, routers, gateways), see 263000
- manufacture of consumer electronic devices (e.g. CD players, DVD players, Blu-ray players), see 264000
- manufacture of television monitors and displays, see 264000
- manufacture of video game consoles, see 264000
- manufacture of blank optical and magnetic media for use with computers or other devices, see 267000
- refilling of ink and toner cartridges by retail sellers, see 474000

263            Manufacture of communication equipment

2630          Manufacture of communication equipment

263000       Manufacture of communication equipment

This type includes the manufacture of telephone and data communication equipment used to move signals electronically through wired or wireless networks (for example, radio and television broadcasts, wireless communication equipment).

This type includes:

- manufacture of central office switching equipment
- manufacture of cordless telephones
- manufacture of private branch exchange (PBX) equipment
- manufacture of telephone and facsimile equipment, including telephone answering machines
- manufacture of data communication equipment (e.g. bridges, routers, gateways)
- manufacture of transmitting and receiving antenna
- manufacture of cable television equipment
- manufacture of pagers
- manufacture of mobile telephones
- manufacture of mobile communication equipment
- manufacture of radio and television studio and broadcasting equipment, including television cameras
- manufacture of modems, carrier equipment
- manufacture of radio and television transmitters
- manufacture of communication devices using infra-red signals (e.g. remote controls)

This type also includes:

- manufacture of smartwatches

This type excludes:

- manufacture of electronic components and sub-assemblies used in communication equipment, including computer modems, see 261200

- manufacture of printed circuit boards loaded with passive elements, see 261200
- manufacture of computers and computer peripheral equipment, see 262000
- manufacture of consumer audio and video equipment, see 264000
- manufacture of burglar and fire alarm systems, sending signals to a control station, see 265100
- manufacture of global positioning system (GPS) devices, see 265100
- manufacture of electronic scoreboards, see 279000
- manufacture of traffic lights, see 279000

264            Manufacture of consumer electronics

2640          Manufacture of consumer electronics

**264000      Manufacture of consumer electronics**

This type includes the manufacture of electronic audio and video equipment for home entertainment, motor vehicle, public address systems and musical instrument amplification.

This type includes:

- manufacture of video recorders and duplicating equipment
- manufacture of televisions
- manufacture of television monitors and displays
- manufacture of audio recording and duplicating equipment
- manufacture of multimedia projectors suitable for use only or principally with transmission and reception apparatus for television broadcasting
- manufacture of stereo equipment
- manufacture of radio receivers
- manufacture of speaker systems
- manufacture of household-type video cameras
- manufacture of jukeboxes
- manufacture of amplifiers for musical instruments and public address systems
- manufacture of microphones
- manufacture of optical media players with optical reading systems
- manufacture of karaoke machines
- manufacture of headphones (e.g. for radio, stereo, computer)
- manufacture of video game consoles
- manufacture of personal audio and video headsets, including virtual reality headsets
- manufacture of home theatre audio and video equipment

This type excludes:

- reproduction of recorded media (computer media, sound, video, etc.), see 182000
- manufacture of computer peripheral devices and computer monitors, see 262000
- manufacture of telephone answering machines, see 263000
- manufacture of pagers, see 263000
- manufacture of remote controlled devices (radio and infra-red), see 263000

- manufacture of broadcast and studio equipment (e.g. reproduction equipment, transmitting and receiving antennas, commercial video cameras), see 263000
- manufacture of antennas, see 263000
- manufacture of digital cameras, see 267000
- manufacture of electronic games with fixed (non-replaceable) software, see 324000

265            Manufacture of measuring, testing instruments, clocks and watches  
 This group includes the manufacture of sensing, measuring, testing and navigating equipment for various industrial and non-industrial purposes, including time-based measuring devices (for example, watches and clocks) and related devices.

2651          Manufacture of instruments and appliances for measuring, testing and navigation

265100        Manufacture of instruments and appliances for measuring, testing and navigation

This type includes the manufacture of search, detection, navigation, guidance, aeronautical and nautical systems and instruments; automatic controls and regulators for applications (for example, heating, air conditioning, refrigeration and appliances); instruments and devices for measuring, displaying, indicating, recording, transmitting and controlling temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration and rotation; totalising (in other words, registering) fluid meters and counting devices; instruments for measuring and testing the characteristics of electricity and electrical signals; instruments and instrumentation systems for laboratory analysis of the chemical/physical composition or concentration of samples of solid, fluid, gaseous or composite materials; other measuring and testing instruments; and parts thereof.

The manufacture of non-electric measuring, testing and navigating equipment (except simple mechanical tools) is included here.

This type includes:

- manufacture of aircraft engine instruments
- manufacture of automotive emissions testing equipment
- manufacture of meteorological instruments
- manufacture of physical properties testing and inspection equipment
- manufacture of polygraph machines
- manufacture of radiation detection and monitoring instruments
- manufacture of surveying instruments
- manufacture of thermometers liquid-in-glass and bi-metal types (except medical)
- manufacture of humidistats
- manufacture of hydronic limit controls
- manufacture of flame and burner control
- manufacture of spectrometers
- manufacture of pneumatic gauges
- manufacture of consumption meters (e.g. water, gas, electricity)
- manufacture of flow meters and counting devices

- manufacture of tally counters
- manufacture of mine detectors, pulse (signal) generators; metal detectors
- manufacture of search, detection, navigation, aeronautical and nautical equipment, including sonobuoys
- manufacture of radar equipment
- manufacture of global positioning system (GPS) devices
- manufacture of burglar- and fire-alarm systems, sending signals to a control station
- manufacture of environmental controls and automatic controls for appliances
- manufacture of measuring and recording equipment (e.g. flight recorders)
- manufacture of motion detectors
- manufacture of radars
- manufacture of laboratory analytical instruments (e.g. blood analysis equipment)
- manufacture of laboratory scales, balances, incubators and miscellaneous laboratory apparatus for measuring, testing, etc.
- manufacture of sensors and sensing equipment

This type excludes:

- manufacture of telephone answering machines, see 263000
- manufacture of irradiation equipment, see 266000
- manufacture of optical positioning equipment, see 267000
- manufacture of dictating machines, see 282300
- manufacture of weighing machinery (other than sensitive laboratory balances), levels, tape measures, etc., see 282900
- manufacture of medical thermometers, see 325009
- installation of industrial process control equipment, see 332000

2652 Manufacture of watches and clocks

This class includes the manufacture of watches, clocks and timing mechanisms, and parts thereof.

This class includes:

- manufacture of watches and clocks of all kinds, including instrument panel clocks
- manufacture of 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
  - time clocks
  - time/date stamps
  - process timers
- manufacture of time switches and other releases with a watch or clock movement or with synchronous motor:
  - time locks
- manufacture of components for clocks and watches, e.g.:
  - movements of all kinds for watches and clocks
  - springs, jewels, dials, hands, plates, bridges and other parts
  - watch and clock cases and housings of all materials

This class excludes:

- manufacture of non-metallic watch bands (e.g. fabric, leather, plastic), see 151200
- manufacture of smartwatches, see 263000
- manufacture of watch bands of precious metal, see 321202
- manufacture of watch bands of non-precious metal, see 321300

**265201 Manufacture and assembly of watches**

This type includes:

- manufacture and assembly of small watches, hand watches, pocket watches and other watches with or without short interval measurer, of instrument panel clocks, alarm clocks and table clocks with a watch movement
- finishing, winding up and terminage (i.e., assembling, timing, hand fitting and casing) of watches

This type excludes:

- manufacture and assembly of large clocks, see 265202
- maintenance and repair of clocks and watches, see 952500

**265202 Manufacture and assembly of large clocks**

This type includes:

- manufacture and assembly of master clocks, alarm clocks, pendulum clocks and similar clocks with movements other than small watches
- manufacture of time-recording equipment and equipment for measuring, recording and otherwise displaying intervals of time, e.g. parking meters, time clocks, etc.

**265203 Manufacture and assembly of watch movements**

This type includes:

- manufacture of movement blanks (ebauches) for watches or clocks
- manufacture and assembly of complete watch movements

**265204 Manufacture of watch and clock external parts**

This type includes:

- manufacture of hands, cases, cages, wood cases, dials, bezels, bars, etc

This type excludes:

- manufacture of non-metallic watch bands (e.g. fabric, leather, plastic), see 151200
- manufacture of watch bands of precious metal, see 321202
- manufacture of watch bands of non-precious metal, see 321300
- manufacture of watch glasses, see 231500, 321201

**265205 Manufacture of other watch and clock components**

This type includes:

- manufacture of components of non-assembled movements such as bottomplates, special stones, springs, balance springs, balances and spare parts

This type excludes:

- manufacture of watch fittings such as dials and hands, see 265204

**266 Manufacture of irradiation, electromedical and electrotherapeutic equipment**

2660 Manufacture of irradiation, electromedical and electrotherapeutic equipment

266000 Manufacture of irradiation, electromedical and electrotherapeutic equipment

This type includes:

- manufacture of irradiation apparatus and tubes (e.g. industrial, medical diagnostic, medical therapeutic, research, scientific):
  - alpha, beta, gamma, X-ray or other radiation equipment
- manufacture of computed tomography (CT) scanners
- manufacture of positron emission tomography (PET) scanners
- manufacture of magnetic resonance imaging (MRI) equipment
- manufacture of medical ultrasound equipment
- manufacture of electrocardiographs
- manufacture of electromedical endoscopic equipment
- manufacture of medical laser equipment
- manufacture of artificial respiration or therapeutic respiration apparatus
- manufacture of pacemakers
- manufacture of hearing aids

This type also includes:

- manufacture of food and milk irradiation equipment

This type excludes:

- manufacture of tanning beds, see 279000

267 Manufacture of optical instruments, magnetic and optical media and photographic equipment

2670 Manufacture of optical instruments, magnetic and optical media and photographic equipment

267000 Manufacture of optical instruments, magnetic and optical media and photographic equipment

This type includes the manufacture of optical instruments and lenses (for example, binoculars, microscopes (except electron, proton), telescopes, prisms, lenses (except ophthalmic)); the coating or polishing of lenses (except ophthalmic); the mounting of lenses (except ophthalmic); the manufacture of photographic equipment (for example, cameras and the manufacture of light meters).

This type includes:

- manufacture of optical mirrors
- manufacture of optical gun-sighting equipment
- manufacture of optical positioning equipment
- manufacture of optical magnifying instruments
- manufacture of optical machinist's precision tools
- manufacture of optical comparators
- manufacture of film cameras and digital cameras
- manufacture of motion picture and slide projectors
- manufacture of overhead transparency projectors

- manufacture of optical measuring and checking devices and instruments (e.g. fire control equipment, photographic light meters, rangefinders)
- manufacture of lenses, optical microscopes, binoculars and telescopes
- manufacture of objective lenses for cameras, projectors or photographic enlargers or reducers
- manufacture of laser assemblies
- manufacture of unrecorded magnetic audio and videotapes
- manufacture of unrecorded optical disks

This type excludes:

- reproduction of recorded media (computer media, sound, video, etc.), see 182000
- manufacture of computer projectors, see 262000
- manufacture of television studio and broadcasting equipment, including television cameras, see 263000
- manufacture of household-type video cameras, see 264000
- manufacture of fire alarms, see 265100
- manufacture of complete equipment using laser components, see manufacturing class by type of machinery (e.g. medical laser equipment, see 266000)
- manufacture of photocopy machinery, see 282300
- manufacture of ophthalmic goods, see 325003

- 27            Manufacture of electrical equipment  
 This division includes the manufacture of products that generate, distribute and use electrical power.  
 Also included is the manufacture of electrical lighting, signalling equipment and electric household appliances.  
 This division excludes the manufacture of electronic products (see division 26).
- 271            Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus  
 This group includes the manufacture of power, distribution and specialty transformers; electric motors, generators and motor generator sets.
- 2711            Manufacture of electric motors, generators and transformers
- 271100        Manufacture of electric motors, generators and transformers**  
 This type includes the manufacture of all electric motors and transformers: AC, DC and AC/DC.  
 This type includes:
- manufacture of electric motors, except for motor vehicles
  - manufacture of distribution transformers, electric
  - manufacture of arc welding transformers
  - manufacture of ballasts for discharge lamps or tubes (i.e. transformers)
  - manufacture of substation transformers for electric power distribution
  - manufacture of transmission and distribution-voltage regulators
  - manufacture of inverters, rectifiers and converters
  - manufacture of electric linear actuators
  - manufacture of prime mover generator sets (except turbine generator sets)

- manufacture of power generators (except battery charging alternators for internal combustion engines)
- manufacture of motor generator sets (except turbine generator sets)
- rewinding of armatures on a factory basis
- manufacture of solar generators, which can be used directly to supply power to, e.g. a motor or an electrolyser

This type excludes:

- manufacture of electronic component-type transformers and switches, see 261100
- manufacture of photovoltaic cells, modules and panels, see 261100
- manufacture of electric welding and soldering equipment, see 279000
- manufacture of turbine generator sets, see 281100
- manufacture of electric motors for motor vehicles, see 291000
- manufacture of starting motors and generators for internal combustion engines, see 293100

2712 Manufacture of electricity distribution and control apparatus

**271200** Manufacture of electricity distribution and control apparatus

This type includes:

- manufacture of power circuit breakers
- manufacture of surge suppressors (for distribution level voltage)
- manufacture of control panels for electric power distribution
- manufacture of electrical relays
- manufacture of duct for electrical switchboard apparatus
- manufacture of electric fuses
- manufacture of power switching equipment
- manufacture of electric power switches (except push-button, snap, solenoid, tumbler)

This type excludes:

- manufacture of environmental controls and industrial process control instruments, see 265100
- manufacture of motor generator sets (except turbine generator sets), see 271100
- manufacture of switches for electrical circuits (e.g. push-button and snap switches), see 273300

272 Manufacture of batteries and accumulators

2720 Manufacture of batteries and accumulators

**272000** Manufacture of batteries and accumulators

This type includes the manufacture of non-rechargeable and rechargeable batteries.

This type 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

- manufacture of lead acid batteries
- manufacture of nickel–cadmium (NiCad) batteries
- manufacture of nickel–metal hydride (NiMH) batteries
- manufacture of lithium batteries
- manufacture of dry cell batteries
- manufacture of wet cell batteries
- manufacture of batteries for vehicles, bicycles and other cycles
- manufacture of battery energy storage systems

This type excludes:

- manufacture of charging facilities for cars, see 279000
- installation of electric storage systems for buildings, see 432100

273 Manufacture of wiring and wiring devices

This group includes the manufacture of current-carrying wiring devices and non-current-carrying wiring devices for wiring electrical circuits regardless of material.

This group also includes the insulating of wire and the manufacture of fibre-optic cables.

2731 Manufacture of fibre optic cables

273100 Manufacture of fibre optic cables

This type includes:

- manufacture of fibre-optic cables for data transmission or live transmission of images, whether or not fitted with connectors

This type excludes:

- manufacture of glass fibres or strand, see 231400
- manufacture of connectors for optical fibres, optical fibre bundles and cables, see 273300
- installation of fibre-optic and other cables for buildings, see 432100

2732 Manufacture of other electronic and electric wires and cables

273200 Manufacture of other electronic and electric wires and cables

This type includes:

- manufacture of insulated wire and cable, made of steel, copper, aluminium

This type excludes:

- manufacture (drawing) of wire, see 243400, 244100, 244200, 244300, 244400, 244500
- manufacture of electrical cord sets with insulated wire and connectors, see 279000
- manufacture of cable sets, wiring harnesses and similar cable sets or assemblies for automotive applications, see 293100

2733 Manufacture of wiring devices

273300 Manufacture of wiring devices

This type includes the manufacture of current-carrying and non-current-carrying wiring devices for electrical circuits regardless of material.

This type includes:

- manufacture of bus bars, electrical conductors (except switchgear-type)
- manufacture of ground fault circuit interrupters (GFCIs)
- manufacture of lamp-holders
- manufacture of lightning arrestors and coils
- manufacture of switches for electrical wiring (e.g. pressure, push-button, snap, tumbler switches)
- manufacture of electrical plugs or sockets
- manufacture of boxes for electrical wiring (e.g. junction, outlet, switch boxes)
- manufacture of electrical conduit and fitting
- manufacture of transmission pole and line hardware
- manufacture of plastic non-current-carrying wiring devices, including plastic junction boxes, faceplates and similar, plastic pole line fittings and switch covers

This type excludes:

- manufacture of ceramic insulators, see 234300

274            Manufacture of lighting equipment

2740          Manufacture of lighting equipment

274000        Manufacture of lighting equipment

This type includes the manufacture of electric light bulbs and tubes, and parts and components thereof (except glass blanks for electric light bulbs), electric lighting and other fixtures, and lighting fixture components (except current-carrying wiring devices).

This type includes:

- manufacture of lamps, fixtures and bulbs (e.g. discharge, incandescent, fluorescent, ultraviolet, infra-red, light-emitting diode (LED))
- manufacture of ceiling or wall lighting fixtures (e.g. chandeliers)
- manufacture of table or floor-standing lamps (i.e. lighting fixtures)
- manufacture of light chains
- manufacture of electric fireplace logs
- manufacture of flashlights
- manufacture of electric insect lamps
- manufacture of lanterns (e.g. carbide, electric, gas, gasoline, kerosene)
- manufacture of spotlights
- manufacture of street lighting fixtures (except traffic signals)
- manufacture of lighting equipment for transport equipment (e.g. for motor vehicles, aircraft, boats)
- manufacture of solar lighting equipment

This type excludes:

- manufacture of glassware and glass parts for lighting fixtures, see 231500
- manufacture of light-emitting diodes (LEDs), see 261100
- manufacture of current-carrying and non-current-carrying wiring devices for lighting fixtures, see 273300

- manufacture of ceiling fans or bath fans with integrated lighting fixtures, see 275100
- manufacture of electrical signalling equipment (e.g. traffic lights and pedestrian signalling equipment), see 279000
- manufacture of electrical signs, see 279000

275      Manufacture of domestic appliances  
 This group includes the manufacture of small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, electric household-type floor care machines, household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and non-electrical household appliances (for example, dishwashers, water heaters, garbage disposal units). This group includes the manufacture of appliances with electric, gas or other fuel sources.

2751     Manufacture of electric domestic appliances

275100    Manufacture of electric domestic appliances

This type includes:

- manufacture of domestic electric appliances:

- refrigerators
- freezers
- dishwashers
- washing and drying machines
- vacuum cleaners
- floor polishers
- waste disposal units
- grinders, blenders, juice squeezers
- tin openers
- electric shavers, electric toothbrushes and other electric personal care devices
- knife sharpeners
- ventilating or recycling hoods

- manufacture of domestic electrothermic appliances:

- electric water heaters
- electric blankets
- electric hairdryers, combs, brushes, curlers
- electric smoothing irons
- space heaters and household-type fans, portable
- electric ovens
- microwave ovens
- cookers, hotplates
- toasters
- electric barbecues
- coffee or tea makers
- frying pans, roasters, hoods
- electric heating resistors, etc.
- table, floor, wall, window, ceiling or roof fans

This type excludes:

- manufacture of non-electric space heaters, see 275200

- manufacture of commercial and industrial refrigerators and freezers, room air-conditioners, attic fans, permanently mounted space heaters, commercial ventilation and exhaust fans, commercial-type cooking equipment; commercial-type laundry, dry-cleaning, and pressing equipment; commercial, industrial, and institutional vacuum cleaners, see division 28
- manufacture of permanently mounted central heating equipment, see 282100
- manufacture of household-type sewing machines, see 289400
- installation of central vacuum cleaning systems, see 432409

2752 Manufacture of non-electric domestic appliances

**275200 Manufacture of non-electric domestic appliances**

This type includes:

- manufacture of domestic non-electric cooking and heating equipment:
  - non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, plate warmers, barbecues

This type excludes:

- manufacture of central heating boilers and solar water heaters, see 282100

279 Manufacture of other electrical equipment

2790 Manufacture of other electrical equipment

**279000 Manufacture of other electrical equipment**

This type includes the manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances.

This type includes:

- manufacture of battery chargers, solid-state
- manufacture of door opening and closing devices, electrical
- manufacture of electric bells
- manufacture of extension cords made from purchased insulated wire
- manufacture of ultrasonic cleaning machines (except laboratory and dental)
- manufacture of tanning beds
- manufacture of fuel cells, regulated and unregulated power supplies
- manufacture of uninterruptible power supplies (UPS)
- manufacture of surge suppressors (except for distribution-level voltage)
- manufacture of appliance cords, extension cords, and other electrical cord sets with insulated wire and connectors
- manufacture of carbon and graphite electrodes, contacts, and other electrical carbon and graphite products
- manufacture of particle accelerators
- manufacture of electrical capacitors, resistors, condensers and similar components

- manufacture of electromagnets
- manufacture of sirens
- manufacture of electronic scoreboards
- manufacture of electrical signs
- manufacture of electrical signalling equipment (e.g. traffic lights, pedestrian signalling equipment)
- manufacture of electrical insulators (except glass or porcelain)
- manufacture of electrical welding and soldering equipment, including handheld soldering irons
- manufacture of electroplating machinery
- manufacture of on-board chargers for motor vehicles
- manufacture of assembled cables, fitted with connectors
- manufacture of charging facilities for cars

This type excludes:

- manufacture of glass electrical insulators, see 231500
- manufacture of porcelain electrical insulators, see 234300
- manufacture of carbon and graphite fibres and products (except electrodes and electrical applications), see 239900
- manufacture of electronic component-type rectifiers, voltage regulating integrated circuits, power converting integrated circuits, electronic capacitors, electronic resistors, and similar devices, see 261100
- manufacture of photovoltaic cells, modules and panels, see 261100
- manufacture of transformers, motors, generators, switchgear, relays and industrial controls, see 271
- manufacture of batteries, see 272000
- manufacture of communication and energy wire, current-carrying and non-current-carrying wiring devices, see 273
- manufacture of lighting equipment, see 274000
- manufacture of household appliances, see 275
- manufacture of non-electrical welding and soldering equipment, see 282900
- manufacture of motor vehicle electrical equipment (e.g. generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, voltage regulators), see 293100
- manufacture of inverter modules and fuel cells for cars, see 293100

28

Manufacture of machinery and equipment n.e.c.

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

This division distinguishes between the manufacture of special-purpose machinery, in other words, machinery for exclusive use in a NOGA activity or a small cluster of NOGA activities, and general-purpose machinery, in other words, machinery that is being used in a wide range of NOGA activities.

This division also includes the manufacture of other special-purpose machinery, not covered elsewhere in the classification, whether or not used in a manufacturing process (for example, fairground amusement equipment, automatic bowling alley equipment).

This division excludes the manufacture of metal products for general use (division 25), associated control devices, computer equipment, measurement and testing equipment, electricity distribution and control apparatus (divisions 26 and 27) and general-purpose motor vehicles (division 29).

281 Manufacture of general-purpose machinery

2811 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines

281100 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines

This type includes:

- manufacture of internal combustion piston engines, except for motor vehicle, aircraft and motorcycle propulsion engines:
  - marine engines
  - railway engines
- manufacture of parts suitable for use solely or principally within internal combustion engines (e.g. pistons, piston rings, carburettors and such, except for motor vehicles)
- manufacture of inlet and exhaust valves of internal combustion engines
- manufacture of turbines and parts thereof:
  - steam turbines and other vapour turbines
  - hydraulic turbines, waterwheels and regulators thereof
  - wind turbines and mills
  - gas turbines, except turbojets or turbopropellers for aircraft propulsion
- manufacture of boiler turbine sets
- manufacture of turbine generator sets, consisting of a turbine and a generator mounted together
- manufacture of engines for industrial application
- factory overhaul of ship and boat engines

This type excludes:

- manufacture of electric generators (except turbine generator sets), see 271100
- manufacture of prime mover generator sets (except turbine generator sets), see 271100
- manufacture of parts of motor vehicles' combustion engines, see 291000
- manufacture of electrical equipment and components of internal combustion piston engines for motor vehicles, see 293
- manufacture of pistons, piston rings and carburettors for motor vehicles, see 293200
- manufacture of internal combustion piston engines for aircraft, see 303
- manufacture of aircraft engines, turbojets and turbopropellers, see 303100, 303200
- manufacture of motorcycle propulsion engines, see 309100

- manufacture of pistons, piston rings and carburettors for motorcycles, see 309100

2812 Manufacture of fluid power equipment

**281200 Manufacture of fluid power equipment**

This type includes:

- manufacture of hydraulic and pneumatic power engines and motors, cylinders and valves
- manufacture of hydraulic fluid power systems
- manufacture of hydraulic transmission equipment
- manufacture of hydrostatic transmission equipment

This type excludes:

- manufacture of hydraulic or pneumatic tubes, pipes and hoses of rubber, see 221200
- manufacture of hydraulic or pneumatic tubes, pipes and hoses of plastic, see 222100
- manufacture of compressors, see 281300
- manufacture of pumps other than hydraulic fluid power pumps, see 281300
- manufacture of valves for non-fluid power applications, see 281400
- manufacture of mechanical, power transmission equipment, see 281500

2813 Manufacture of other pumps and compressors

**281300 Manufacture of other pumps and compressors**

This type 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 for internal combustion engines (e.g. oil, water and fuel pumps for motor vehicles)

This type also includes:

- manufacture of hand pumps

This type excludes:

- manufacture of hydraulic and fluid power pumps, see 281200

2814 Manufacture of other taps and valves

**281400 Manufacture of other taps and valves**

This type includes:

- manufacture of industrial taps and valves, including regulating valves and intake taps
- manufacture of taps and valves for sanitary fixtures
- manufacture of central heating radiator taps and valves

This type excludes:

- manufacture of valves of unhardened vulcanised rubber, glass or ceramic materials, see 221200, 231500 or 234400

- manufacture of inlet and exhaust valves of internal combustion engines, see 281100
- manufacture of valves for hydraulic or pneumatic transmission and air preparation equipment for use in pneumatic systems, see 281200

2815 Manufacture of bearings, gears, gearing and driving elements

281500 Manufacture of bearings, gears, gearing and driving elements

This type includes:

- manufacture of ball and roller bearings, and parts thereof
- manufacture of mechanical power transmission equipment, e.g.:
  - transmission shafts, including camshafts, crankshafts and cranks
  - bearing housings and plain shaft bearings
- manufacture of gears, gearing and gearboxes 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

This type excludes:

- manufacture of other chain, see 259300
- manufacture of hydraulic transmission equipment, see 281200
- manufacture of hydrostatic transmission equipment, see 281200
- manufacture of clutches for motor vehicles, see 293100
- manufacture of gears, gearboxes and parts thereof for motor vehicles, see 293200
- manufacture of sub-assemblies of power transmission equipment which are suitable for use solely or principally with motor vehicles or aircraft, see divisions 29, 30

282 Manufacture of other general-purpose machinery

2821 Manufacture of ovens, furnaces and permanent household heating equipment

282100 Manufacture of ovens, furnaces and permanent household heating equipment

This type includes:

- manufacture of electrical and other industrial and laboratory furnaces and ovens, including incinerators
- manufacture of furnace burners
- manufacture of central heating boilers, solar water heaters and similar equipment
- manufacture of household cooling and ventilation equipment

This type also includes:

- manufacture of mechanical stokers, grates, ash dischargers, etc.
- manufacture of generally non-reversible heat pumps (only working in one direction), mainly used for space heating or for domestic hot water supply

This type excludes:

- manufacture of electric ovens for domestic use, see 275100

- manufacture of table, floor, wall, window, ceiling or roof fans, see 275100
- manufacture of dryers for agricultural products, see 289300
- manufacture of baking ovens, see 289300
- manufacture of dryers for wood, paper pulp, paper or paperboard, see 289900
- manufacture of medical, surgical or laboratory sterilisers, see 325009
- manufacture of dental laboratory furnaces, see 325009

2822 Manufacture of lifting and handling equipment

**282200 Manufacture of lifting and handling equipment**

This type includes:

- manufacture of hand-operated or power-driven lifting, handling, loading or unloading machinery, e.g.:
  - pulley tackle and hoists, winches, capstans and jacks
  - derricks, cranes, mobile lifting frames, straddle carriers
  - works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories (including handcarts and wheelbarrows)
  - mechanical manipulators and industrial robots specifically designed for lifting, handling, loading or unloading
  - unmanned and robotic forklifts and pallet loaders/unloaders
- manufacture of conveyors, teleferics, etc.
- manufacture of lifts, escalators and moving walkways
- manufacture of parts suitable for use solely or principally with lifting and handling equipment

This type also includes:

- manufacture of automatic lifting and handling equipment for warehouses

This type excludes:

- manufacture of machinery for vertical farming, see 283000
- manufacture of continuous-action elevators and conveyors for underground use, see 289200
- manufacture of mechanical shovels, excavators and shovel loaders, see 289200
- manufacture of industrial robots for multiple uses, see 289900
- manufacture of crane lorries, floating cranes and railway cranes, see 291000, 301100, 302000
- installation of lifts and elevators, see 432409

2823 Manufacture of office machinery and equipment, except computers and peripheral equipment

**282300 Manufacture of office machinery and equipment, except computers and peripheral equipment**

This type includes:

- manufacture of calculating machines
- manufacture of cash registers
- manufacture of calculators
- manufacture of postage meters, mail handling machines (envelope stuffing, sealing and addressing machinery; opening, sorting, scanning)

- manufacture of typewriters and stenography machines
- manufacture of office-type binding equipment (i.e. plastic or tape binding)
- manufacture of coin sorting, coin counting and coin wrapping machines
- manufacture of pencil sharpening machines
- manufacture of stapling machines
- manufacture of voting machines
- manufacture of tape dispensers
- manufacture of hole punches
- manufacture of photocopy machines
- manufacture of blackboards; whiteboards and marker boards with writing or drawing surfaces
- manufacture of dictating machines

This type excludes:

- manufacture of pencil sharpeners, see 256100
- manufacture of computers and peripheral equipment, see 262000

2824 Manufacture of power-driven hand tools

**282400 Manufacture of power-driven hand tools**

This type includes:

- manufacture of hand tools, with self-contained electric or non-electric motor or pneumatic drive, e.g.:
  - circular or reciprocating saws
  - chainsaws
  - drills and hammer drills
  - handheld power sanders
  - pneumatic nailers
  - buffers
  - routers
  - grinders
  - staplers
  - pneumatic rivet guns
  - planers
  - shears and nibblers
  - impact wrenches
  - powder actuated nailers

This type excludes:

- manufacture of hand tools and interchangeable parts for pneumatic and power tools, see 256300
- manufacture of electrical handheld soldering and welding machines and apparatus, see 279000

2825 Manufacture of non-domestic air conditioning equipment

**282500 Manufacture of non-domestic air conditioning equipment**

This type includes:

- manufacture of non-domestic refrigerating or freezing equipment
- manufacture of air-conditioning machines, except for motor vehicles
- manufacture of non-domestic fans
- manufacture of heat exchange units

- manufacture of machinery for liquefying air or other gas
- manufacture of attic ventilation fans (e.g. gable fans, roof ventilators)
- manufacture of evaporators and condensers for non-domestic refrigerators

This type also includes:

- manufacture of reversible heat pumps that have a motorised fan and devices for changing both the air temperature and humidity

This type excludes:

- manufacture of domestic refrigerating or freezing equipment, see 275100
- manufacture of domestic fans, see 275100
- manufacture of household cooling equipment, see 282100
- manufacture of air-conditioning machines for motor vehicles, see 293200

2829 Manufacture of other general-purpose machinery n.e.c.

282900 Manufacture of other general-purpose machinery n.e.c.

This type includes:

- manufacture of weighing machinery (other than sensitive laboratory balances), including weight-operated counting or checking machines (e.g. household and shop scales, platform scales, scales for continuous weighing, weighbridges, weighing machines)
- manufacture of filtering or purifying machinery and apparatus for liquids (e.g. for oil, fuel)
- 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 cleaning machines (including dishwashers) for non-domestic use
- 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 gas generators
- manufacture of calendering or other rolling machines and cylinders thereof (except for metal and glass)
- manufacture of centrifuges, including centrifugal dryers (except cream separators, clothes/tumble dryers and centrifuges, of a kind used in laboratories)
- manufacture of gaskets and similar joints of metal sheeting combined with other materials or of two or more layers of metal
- manufacture of automatic goods vending machines
- manufacture of levels, tape measures and similar hand tools, machinist's precision tools (except optical)
- manufacture of non-electrical welding and soldering machinery and apparatus
- manufacture of cooling towers and similar for direct cooling by means of recirculated water

This type excludes:

- manufacture of gaskets of vulcanised rubber, see 221200
- manufacture of sensitive (laboratory-type) balances, see 265100
- manufacture of domestic refrigerating or freezing equipment, see 275100
- manufacture of domestic fans, see 275100
- manufacture of electrical welding and soldering equipment, see 279000
- manufacture of agricultural or horticultural spraying appliances, see 283000
- manufacture of metal or glass rolling machinery and cylinders thereof, see 289100, 289900
- manufacture of dryers for agricultural products, see 289300
- manufacture of machinery for filtering or purifying food and beverages, see 289300
- manufacture of cream separators, see 289300
- manufacture of commercial clothes/tumble dryers, see 289400
- manufacture of printing machinery for printing textile materials, see 289400
- manufacture of centrifuges of a kind used in laboratories, see 325009

283            Manufacture of agricultural and forestry machinery

2830          Manufacture of agricultural and forestry machinery

283000       Manufacture of agricultural and forestry machinery

This type includes:

- manufacture of agricultural and forestry tractors
- manufacture of track-laying tractors
- manufacture of single-axle (pedestrian-controlled) tractors
- manufacture of mowers, including lawnmowers
- manufacture of self-loading or self-unloading trailers or semi-trailers for agricultural purposes
- manufacture of agricultural machinery for soil preparation or cultivation, e.g.:
  - ploughs, harrows, manure spreaders, seeders, fertiliser distributors, etc.
- manufacture of harvesting or threshing machinery, e.g.:
  - harvesters, threshers, sorters, etc.
- manufacture of milking machines
- manufacture of agricultural or horticultural spraying appliances
- manufacture of diverse agricultural machinery, e.g.:
  - poultry-keeping machinery, bee-keeping equipment, equipment for preparing fodder, etc.
  - machines for cleaning, sorting or grading eggs, fruits, etc.
- manufacture of machinery for vertical farming

This type excludes:

- manufacture of non-power-driven hand tools, of a kind used in agriculture, horticulture or forestry, see 256300
- manufacture of conveyors for farm use, see 282200
- manufacture of power-driven hand tools, see 282400
- manufacture of earth-moving machinery, see 289200
- manufacture of cream separators, see 289300

- manufacture of machinery to clean, sort or grade seed, grain or dried leguminous vegetables, see 289300
- manufacture of road tractors for semi-trailers, see 291000
- manufacture of trailers or semi-trailers for other than agricultural purposes, see 292000

**284**            **Manufacture of metal forming machinery and machine tools**  
 This group includes the manufacture of metal forming machinery and machine tools (for example, the manufacture of machine tools for working metals and other materials, such as wood, bone, stone, hard rubber, hard plastics, cold glass, and so on), including those using a laser beam, ultrasonic waves, plasma arc or magnetic pulse.

**2841**            **Manufacture of metal forming machinery and machine tools for metal work**

**284100**        **Manufacture of metal forming machinery and machine tools for metal work**

This type includes:

- manufacture of machine tools for working metals, including those using a laser beam, ultrasonic waves, plasma arc, magnetic pulse, etc.
- manufacture of machine tools for turning, drilling, boring, threading or tapping for working metal
- manufacture of machine tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermet by means of grinding stones, abrasives or polishing products
- manufacture of machining centres and multi-station machines for working metal
- manufacture of machine tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing and cutting-off, and of other machine tools working by removing metal or cermets
- manufacture of metal stamping or pressing machine tools
- manufacture of punch presses, hydraulic presses, hydraulic brakes, drop hammers, forging machines, etc.
- manufacture of draw benches, thread rolling machines for working wires
- manufacture of filing machines, riveters, sheet metal cutters

This type excludes:

- manufacture of interchangeable tools, see 256300
- manufacture of electrical welding and soldering machinery and apparatus, see 279000
- manufacture of machines for additive manufacturing, see 289700

**2842**            **Manufacture of other machine tools**

**284200**        **Manufacture of other machine tools**

This type includes:

- manufacture of machine tools for working wood, cork, bone, stone, hard rubber, hard plastics, ceramics, concrete, cold glass or similar hard non-metal materials
- manufacture of work holders for machine tools
- manufacture of dividing heads and other special attachments for machine tools

- manufacture of stationary machines for nailing, stapling, glueing or otherwise assembling wood, cork, bone, hard rubber or hard plastics, etc.
- manufacture of stationary rotary or rotary percussion drills, etc.
- manufacture of presses for the manufacture of particle board, etc.

This type also includes:

- manufacture of parts and accessories for the machine tools listed

This type excludes:

- manufacture of interchangeable tools for machine tools (e.g. drills, punches, dies, taps, milling cutters, turning tools, saw blades, cutting knives), see 256300
- manufacture of electric handheld soldering irons and soldering guns, see 279000
- manufacture of power-driven hand tools, see 282400
- manufacture of filing machines, riveters, sheet metal cutters, see 284100
- manufacture of machinery used in metal mills or foundries, see 289100
- manufacture of machinery for mining and quarrying, see 289200
- manufacture of machines for additive manufacturing, see 289700

289 Manufacture of other special-purpose machinery

This group includes the manufacture of special-purpose machinery, in other words, machinery for exclusive use in a NOGA industry or a small cluster of NOGA industries.

While most of this special-purpose machinery is used in other manufacturing processes (for example, food manufacturing or textile manufacturing), this group also includes the manufacture of machinery specific for other non-manufacturing industries (for ex

2891 Manufacture of machinery for metallurgy

289100 Manufacture of machinery for metallurgy

This type includes:

- manufacture of machines and equipment for handling hot metals (e.g. converters, ingot moulds, ladles and casting machines, of a kind used in metallurgy or in metal foundries)
- manufacture of metal-rolling mills and rolls for such mills

This type excludes:

- manufacture of moulding boxes and moulds (except ingot moulds), see 256300
- manufacture of draw benches, see 284100
- manufacture of machines for forming foundry moulds, see 289900

2892 Manufacture of machinery for mining, quarrying and construction

289200 Manufacture of machinery for mining, quarrying and construction

This type includes:

- manufacture of continuous-action elevators and conveyors for goods and materials, for underground use
- manufacture of boring, cutting or sinking machinery for boring earth or extracting minerals or ores, or of coal or rock cutters and tunnelling machinery

- manufacture of machinery for treating minerals by screening, sorting, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form
  - manufacture of concrete and mortar mixers
  - manufacture of earth-moving machinery:
    - bulldozers, angledozers, graders, scrapers, levellers, mechanical shovels, shovel loaders, etc.
  - manufacture of piledrivers and pile extractors, mortar spreaders, bitumen spreaders, concrete surfacing machinery, etc.
  - manufacture of machines for mixing mineral substances with bitumen
  - manufacture of track-laying excavators
  - manufacture of bulldozer and angledozer blades
  - manufacture of off-road dumper trucks
  - manufacture of snowploughs and snowblowers
- This type excludes:
- manufacture of lifting and handling equipment, see 282200
  - manufacture of tractors, see 283000, 291000
  - manufacture of machine tools for working stone, including machines for splitting or clearing stone, see 284200
  - manufacture of concrete-mixer lorries, see 292000

2893 Manufacture of machinery for food, beverage and tobacco processing

**289300 Manufacture of machinery for food, beverage and tobacco processing**

This type includes:

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

- 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, plant and equipment for cooking or heating food in hotels and restaurants

This type excludes:

- manufacture of food and milk irradiation equipment, see 266000
- manufacture of packing, wrapping and weighing machinery, see 282900
- manufacture of cleaning, sorting or grading machinery for eggs, fruits or other crops (except seeds, grains and dried leguminous vegetables), see 283000

2894 Manufacture of machinery for textile, apparel and leather production

289400 Manufacture of machinery for textile, apparel and leather production

This type includes:

- manufacture of textile machinery, e.g.:
  - machines for preparing, producing, extruding, drawing, texturing or cutting man-made textile fibres, materials or yarns
  - machines for preparing textile fibres (e.g. cotton gins, bale breakers, garnetters, cotton spreaders, wool scourers, wool carbonisers, combs, carders, roving frames)
  - spinning machines
  - machines for preparing textile yarns (e.g. reelers, warpers and related machines)
  - weaving machines (looms), including handlooms
  - 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 textile printing machinery
- manufacture of machinery for fabric processing:
  - machinery for washing, bleaching, dyeing, dressing, finishing, coating or impregnating textile fabrics
  - 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 type excludes:

- manufacture of paper or paperboard cards for use on jacquard machines, see 172500

- manufacture of domestic washing and drying machines, see 275100
- manufacture of calendering machines, see 282900
- manufacture of machines used in bookbinding, see 289900

2895 Manufacture of machinery for paper and paperboard production

**289500 Manufacture of machinery for paper and paperboard production**

This type includes:

- manufacture of machinery for making paper pulp
- manufacture of paper and paperboard making or finishing machinery
- manufacture of machinery for making up paper pulp, paper or paperboard articles, including cutting machines for paper of all kinds

2896 Manufacture of plastics and rubber machinery

**289600 Manufacture of plastics and rubber machinery**

This type includes:

- 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

This type excludes:

- manufacture of machines for additive manufacturing, see 289700

2897 Manufacture of additive manufacturing machinery

**289700 Manufacture of additive manufacturing machinery**

This type includes:

- manufacture of machines for additive manufacturing by metal, plastics, rubber, plaster, cement, ceramic deposits, etc.

2899 Manufacture of other special-purpose machinery n.e.c.

**289900 Manufacture of other special-purpose machinery n.e.c.**

This type includes:

- manufacture of dryers for wood, paper pulp, paper or paperboard and other materials (except for agricultural products and textiles)
- manufacture of printing and bookbinding machines, and machines for activities supporting printing on a variety of materials
- manufacture of machinery for producing tiles, bricks, shaped ceramic pastes, pipes, graphite electrodes, blackboard chalk, etc.
- manufacture of semiconductor manufacturing machinery
- manufacture of machines for forming foundry moulds
- manufacture of industrial robots performing multiple tasks for special purposes
- manufacture of diverse special-purpose machinery and equipment, e.g.:
  - machines to assemble electric or electronic lamps, tubes (valves) or bulbs

- machines for the production or hot working of glass or glassware, glass fibres or yarn
  - machinery or apparatus for isotopic separation
  - manufacture of tyre alignment and balancing equipment; balancing equipment (except wheel balancing)
  - manufacture of central greasing systems
  - manufacture of aircraft launching gear, aircraft carrier catapults and related equipment
  - manufacture of automatic bowling alley equipment (e.g. pin-setter)
  - manufacture of roundabouts, swings, shooting galleries and other fairground amusements
  - manufacture of waste compressing machines
  - manufacture of plastering machines
  - manufacture of turnstiles
  - manufacture of furling systems, used for winding or releasing the running rigging
- This type excludes:
- manufacture of household appliances, see 275
  - manufacture of photocopy machines, etc., see 282300
  - manufacture of machinery or equipment to work hard rubber, hard plastics or cold glass, see 284200
  - manufacture of ingot moulds, see 289100
  - manufacture of machines for additive manufacturing, see 289700

29            Manufacture of motor vehicles, trailers and semi-trailers  
 This division includes the manufacture of motor vehicles for transporting passengers or freight. The manufacture of various parts and accessories, as well as the manufacture of trailers and semi-trailers, is included here.

The repair and maintenance of motor vehicles produced in this division are classified in 9531.

291            Manufacture of motor vehicles

2910          Manufacture of motor vehicles

291000      Manufacture of motor vehicles

This type includes the manufacture of electric, combustion and hybrid engine vehicles, and of autonomous vehicles.

This type includes:

- manufacture of passenger cars
- manufacture of commercial vehicles:
  - vans, lorries, road tractors for semi-trailers, etc.
- manufacture of buses, trolleybuses and coaches
- manufacture of motor vehicle engines, including electric motors
- manufacture of other motor vehicles, e.g.:
  - snowmobiles, golf carts, amphibious motor vehicles
  - road sweeper trollies
- all-terrain vehicles (ATV), go-carts and similar, including racing cars

This type also includes:

- factory rebuilding of motor vehicle engines
- manufacture of chassis fitted with engines

This type excludes:

- manufacture of lamps for motor vehicles, see 274000
- manufacture of pistons, piston rings and carburettors not for motor vehicles or motorcycles, see 281100
- manufacture of works trucks fitted with a crane, see 282200
- manufacture of agricultural and forestry tractors, see 283000
- manufacture of track laying tractors, see 283000
- manufacture of off-road dumper trucks, see 289200
- manufacture of bodies for motor vehicles (e.g. fire engines, travelling libraries, concrete-mixer lorries), see 292000
- manufacture of bodies for armoured vehicles, see 292000
- manufacture of electrical parts for motor vehicles, see 293100
- manufacture of parts and accessories for motor vehicles, see 293200
- manufacture of tanks and other military fighting vehicles, see 304000
- repair and maintenance of motor vehicles, see 9531

292 Manufacture of bodies and coachwork for motor vehicles; manufacture of trailers and semi-trailers

2920 Manufacture of bodies and coachwork for motor vehicles; manufacture of trailers and semi-trailers

292000 Manufacture of bodies and coachwork for motor vehicles; manufacture of trailers and semi-trailers

This type includes:

- manufacture of bodies, including cabs for motor vehicles, e.g.:
  - fire engines, travelling libraries, armoured vehicles
  - concrete mixer lorries
- outfitting of all types of motor vehicles, trailers and semi-trailers
- manufacture of trailers and semi-trailers, e.g.:
  - tankers, trailers with closed and open bodies
  - caravans
- reconditioning and customising of motor vehicles
- manufacture of containers (including containers for the transport of fluids) specially designed and equipped for carriage by one or more modes of transport
- manufacture of chassis for trailers

This type excludes:

- manufacture of trailers and semi-trailers specially designed for use in agriculture, see 283000
- manufacture of parts and accessories of bodies for motor vehicles, see 293200
- manufacture of vehicles drawn by animals, see 309900

293 Manufacture of motor vehicle parts and accessories  
This group includes the manufacture of motor vehicle parts and accessories of all materials.

- 2931      Manufacture of electrical and electronic equipment for motor vehicles
- 293100      Manufacture of electrical and electronic equipment for motor vehicles**  
 This type includes:  
 - manufacture of motor vehicle electrical equipment (e.g. starter motors, generators, alternators, spark plugs, insulated ignition wiring sets, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators)  
 - manufacture of (electromagnetic) clutches for motor vehicles  
 This type also includes:  
 - manufacture of inverter modules and fuel cells for cars  
 - manufacture of cable sets, insulated wiring sets and similar cable sets or assemblies for automotive applications  
 This type excludes:  
 - manufacture of batteries for vehicles, see 272000  
 - manufacture of lighting equipment for motor vehicles, see 274000  
 - manufacture of pumps for motor vehicles and engines, see 281300
- 2932      Manufacture of other parts and accessories for motor vehicles
- 293200      Manufacture of other parts and accessories for motor vehicles**  
 This type includes:  
 - manufacture of diverse parts and accessories for motor vehicles, e.g.:  
   • gearboxes, clutches, brakes, axles, road wheels, shock absorbers  
 - manufacture of parts and accessories of bodies for motor vehicles, e.g.:  
   • bumpers, safety seat belts, safety airbags, rear-view mirrors  
 - manufacture of car seats, including seats for babies and children  
 - manufacture of air-conditioning machines for motor vehicles  
 This type excludes:  
 - manufacture of tyres, see 221100  
 - manufacture of rubber hoses and belts and other rubber products, see 221200  
 - manufacture of pistons, piston rings and carburettors not for motor vehicles or motorcycles, see 281100  
 - manufacture of pumps for motor vehicles and engines, see 281300  
 - repair, maintenance and alteration of motor vehicles, see 9531
- 30      Manufacture of other transport equipment  
 This division includes the manufacture of transport equipment (for example, shipbuilding and boat manufacturing, the manufacture of railway rolling stock and locomotives, air and spacecraft, motorcycles, bicycles and other cycles, and the manufacture of parts thereof) whose manufacture is not elsewhere classified.
- 301      Building of ships and boats  
 This group includes the building of ships, boats, yachts and other floating structures for transport and other commercial purposes, as well as for sport/recreational and military purposes.
- 3011      Building of civilian ships and floating structures

**301100 Building of civilian ships and floating structures**

This type includes the building of civilian ships, except vessels for sports or recreation, and the construction of floating structures.

This type includes:

- building of commercial vessels:

- passenger vessels, ferry boats, cargo ships, tankers, tugs

- building of fishing vessels, factory ships and other vessels for processing or preserving fishery products

This type also includes:

- building of hovercraft (except recreation-type hovercraft)

- construction of drilling platforms, floating or submersible

- construction of floating structures, e.g.:

- floating docks, pontoons, cofferdams, floating landing stag

This type excludes:

- manufacture of parts of vessels, other than major hull assemblies:

- manufacture of sails, see 139600
- manufacture of ships' propellers, see 259900
- manufacture of iron or steel anchors, see 259900
- manufacture of marine engines, see 281100

- manufacture of navigational instruments, see 265100

- manufacture of lighting equipment for ships, see 274000

- factory overhaul of civilian ship and boat engines, see 281100

- manufacture of amphibious motor vehicles, see 291000, 304000

- manufacture of inflatable boats or rafts for pleasure and sport, see 301200

- building of yachts, see 301200

- building of military ships and vessels, see 301300

- specialised repair and maintenance of civilian ships and floating structures, see 331500

- ship-breaking, see 382100

- interior non-technical installation and finishing of boats, see 433

**3012 Building of pleasure and sporting boats**

**301200 Building of pleasure and sporting boats**

This type includes:

- manufacture of inflatable boats and rafts for sports and recreation

- building of sailing boats with or without auxiliary motor

- building of motorboats

- building of recreation-type hovercraft

- building of yachts

- manufacture of personal watercraft

- manufacture of other pleasure and sporting boats, e.g.:

- canoes, kayaks, rowing boats, skiffs

This type also includes:

- factory conversion of pleasure and sporting boats

This type excludes:

- manufacture of parts of pleasure and sporting boats:

- manufacture of sails, see 139600
- manufacture of iron or steel anchors, see 259900

- manufacture of marine engines, see 281100
- factory overhaul of engines for sport/recreational ships and boats, see 281100
- manufacture of sailboards and surfboards, see 323000
- repair of pleasure boats, see 331500
- rental of pleasure boats and sailing boats with crew, see 501000, 503000
- rental of pleasure boats and yachts without crew, see 772100

3013 Building of military ships and vessels

301300 Building of military ships and vessels

This type includes the building of military ships and vessels, such as combat ships equipped with various offensive and defensive weapons and with protective devices against shelling, and the building of military floating structures, for example:

- aircraft carriers
- amphibious warfare and assault ships
- cruisers
- destroyers
- submarines
- landing crafts
- tugs for transporting ammunition or mines

This type also includes:

- factory conversion of military ships, vessels and floating structures

This type excludes:

- manufacture of weapons and ammunition (e.g. torpedo tubes, torpedoes), see 253000
- factory overhaul of military ship and vessel engines, see 281100
- building of civilian ships and floating structures, see 301100
- manufacture of inflatable boats or rafts for pleasure and sport, see 301200

302 Manufacture of railway locomotives and rolling stock

3020 Manufacture of railway locomotives and rolling stock

302000 Manufacture of railway locomotives and rolling stock

This type includes:

- manufacture of electric, diesel, steam and other rail locomotives
- manufacture of self-propelled railway or tramway coaches, vans and trucks
- manufacture of railway or tramway maintenance or service vehicles
- manufacture of railway or tramway rolling stock, not self-propelled, e.g.:
  - passenger coaches, goods vans, tank wagons, self-discharging vans and wagons, workshop vans, crane vans, tenders
- manufacture of specialised parts of railway or tramway locomotives or of rolling stock, e.g.:
  - 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

This type also includes:

- manufacture of mining locomotives and mine carts
- manufacture of mechanical and electromechanical signalling, safety and traffic control equipment (e.g. for railways, tramways, inland waterways, roads, parking facilities, airfi

This type excludes:

- manufacture of unassembled rails, see 241000
- manufacture of assembled railway or tramway track fixtures and fittings, see 259900
- manufacture of electric motors not for motor vehicles, see 271100
- manufacture of electrical signalling, safety or traffic-control equipment for railways or tramways, see 279000
- manufacture of engines and turbines, except motor vehicle, aircraft and motorcycle engines, see 281100
- manufacture of railway engines, see 281100

303 Manufacture of air and spacecraft and related machinery

3031 Manufacture of civilian air and spacecraft and related machinery

303100 Manufacture of civilian air and spacecraft and related machinery

This type includes:

- manufacture of airplanes for the transport of goods or passengers, including for recreation and sports purposes
- manufacture of helicopters
- manufacture of gliders and hang-glidern
- manufacture of dirigibles and hot-air balloons
- manufacture of parts and accessories of the aircraft of this class:
  - major assemblies (e.g. fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles)
  - airscrews, helicopter rotors and propelled rotor blades
  - civilian aircraft engines
  - turbojets and turboprops, of a kind typically found on civilian aircraft
  - parts suitable for use solely or principally with internal combustion piston engines for civilian aircraft
- manufacture of ground flying trainers
- manufacture of missiles for space and civilian purposes
- manufacture of spacecraft and launch vehicles, satellites, planetary probes, orbital stations, shuttles
- manufacture of civilian unmanned aircraft (drones)

This type also includes:

- overhaul and conversion of civilian aircraft or aircraft engines
- manufacture of civilian aircraft seats

This type excludes:

- manufacture of parachutes, see 139600
- manufacture of missiles for military purposes, see 253000
- manufacture of telecommunication equipment for satellites, see 263000
- manufacture of aircraft instrumentation and aeronautical instruments, see 265100
- manufacture of air navigation systems, see 265100

- manufacture of lighting equipment for aircraft, see 274000
- manufacture of pistons, piston rings and carburettors not for motor vehicle or motorcycle, see 281100
- manufacture of aircraft launching gear, aircraft carrier catapults and related equipment, see 289900
- manufacture of ignition parts and other electrical parts for internal combustion engines, see 293100
- manufacture of military air and spacecraft, see 303200
- manufacture of drones for military purposes, see 303200
- manufacture of toy drones, see 324000
- repair and maintenance of civilian air and spacecraft, see 331600

3032 Manufacture of military air and spacecraft and related machinery

**303200 Manufacture of military air and spacecraft and related machinery**

This type includes the manufacture of military aircraft and spacecraft and related machinery.

This type includes the manufacture of:

- fixed wing aircraft
- tiltrotor aircraft
- rotary-wing aircraft
- drones for military purposes (Unmanned Aerial Vehicles (UAVs))

This type also includes:

- factory overhaul and rebuilding military air and spacecraft
- manufacture of military aircraft seats

This type excludes:

- manufacture of weapons and ammunition, see 253000
- manufacture of missiles for military purposes, see 253000
- manufacture of civilian air and spacecraft and related machinery, see 303100
- repair and maintenance of military air and spacecraft machinery, see 331800

304 Manufacture of military fighting vehicles

3040 Manufacture of military fighting vehicles

**304000 Manufacture of military fighting vehicles**

This type includes the manufacture of military fighting vehicles, whether or not fitted with weapons, and of parts of such vehicles, for example:

- manufacture of tanks
- manufacture of armoured combat vehicles for transporting persons
- manufacture of armoured supply vehicles or armoured recovery vehicles with cranes
- manufacture of armoured amphibious military vehicles
- manufacture of remotely operated tanks
- manufacture of armoured fighting vehicle bodies and parts thereof (e.g. armoured turrets, armoured doors and covers)

- manufacture of armoured plates that are identifiable as parts of military fighting vehicles

- manufacture of special tracks and special wheels, and drive wheels for armoured fighting vehicles

This type also includes:

- factory overhaul and rebuilding of military fighting vehicles

This type excludes:

- manufacture of weapons and ammunition, see 253000

- manufacture of passenger cars and trucks with light armour or with removable armour, see 291000

- manufacture of military ships, see 301300

- manufacture of drones for military purposes, see 303200

- repair and maintenance of military fighting vehicles, see 331800

309 Manufacture of transport equipment n.e.c.

This group includes the manufacture of transport equipment other than motor vehicles and rail, water, air or space transport equipment and military vehicles.

3091 Manufacture of motorcycles

309100 Manufacture of motorcycles

This type includes:

- manufacture of motorcycles and mopeds

- manufacture of engines for motorcycles

- manufacture of sidecars for motorcycles

- manufacture of parts and accessories for motorcycles (e.g. brakes, gearboxes, clutches, road wheels, silencers and exhaust pipes, and parts thereof)

- manufacture of pistons, piston rings and carburettors for motorcycles

This type excludes:

- manufacture of pneumatic tyres of rubber, of a kind used for motorcycles, see 221100

- manufacture of cycles, see 309201

- manufacture of cycles with an electric motor for propulsion, see 309201

- manufacture of carriages for disabled persons, see 309202

- manufacture of personal transporters (e.g. electric skateboards and kick scooters), see 309201

3092 Manufacture of bicycles and invalid carriages

309201 Manufacture of bicycles

This type includes:

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

- manufacture of parts and accessories of bicycles (e.g. frames, forks, wheel rims and spokes, hubs, brakes, saddles, pedals, crank-gear and derailleur gears)

- manufacture of bicycles with an auxiliary electric motor

- manufacture of personal transporters (e.g. electric skateboards and kick scooters)

- manufacture of baby carriages and parts thereof

This type excludes:

- manufacture of pneumatic tyres and inner tubes of rubber, of a kind used for bicycles, see 221100

- manufacture of wheeled toys designed to be ridden, including plastic bicycles and tricycles, see 324000

**309202** Manufacture of carriages for people with reduced mobility

This type includes:

- manufacture of carriages for people with reduced mobility with or without motor

- manufacture of parts and accessories of carriages for people with reduced mobility

3099 Manufacture of other transport equipment n.e.c.

**309900** Manufacture of other transport equipment n.e.c.

This type includes:

- manufacture of hand-propelled vehicles (e.g. luggage carts, hand carts, sledges, shopping carts)

- manufacture of vehicles drawn by animals (e.g. sulkies, donkey-carts, hearses)

This type excludes:

- manufacture of works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories (including hand carts and wheelbarrows), see 282200

- manufacture of decorative restaurant carts (e.g. dessert cart, food wagons), see 310001

31 Manufacture of furniture

This division includes the manufacture of furniture and parts thereof, except of sheets and slabs of glass, stone, concrete or similar material as parts of furniture. The processes used in the manufacture of furniture are standard methods of forming materials and assembling components, including cutting, moulding and laminating. The design of the article, for both aesthetic and functional qualities, is an important aspect of the production process.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing (for example, cutting and assembly occurs in the production of wood trusses that are classified in division 16). However, the multiple processes distinguish wood furniture manufacturing from wood product manufacturing. Similarly, metal furniture manufacturing uses techniques that are also employed in the manufacture of roll-formed products classified in division 25. The moulding process for plastic furniture is similar to the moulding of other plastic products. However, the manufacture of plastic furniture tends to be a specialised activity.

310 Manufacture of furniture

3100 Manufacture of furniture  
This class includes the manufacture of furniture of any material for any place and for various purposes. It also includes the manufacture of parts of furniture, except of sheets and slabs (whether or not cut to shape) of glass (including mirrors), marble or other stone, concrete or similar material.

**310001 Manufacture of office and shop furniture**

This type includes:

- manufacture of chairs and seats for offices, workrooms, hotels, restaurants and public premises
- manufacture of chairs and seats for theatres, cinemas, etc.
- manufacture of special furniture for shops: counters, display cases, shelves, etc.
- manufacture of office furniture
- manufacture of laboratory benches, stools, and other laboratory seating, laboratory furniture (e.g. cabinets and tables)
- manufacture of furniture for churches, schools, restaurants

This type also includes:

- manufacture of catering carts
- manufacture of built-in components for shop furniture

This type excludes:

- manufacture of blackboards, see 282300
- manufacture of car seats, see 293200
- manufacture of railway car seats, see 302000
- manufacture of aircraft seats, see 303100, 303200
- manufacture of medical, surgical, dental or veterinary furniture, see 325001
- installation of modular furniture attachment, partition installation, laboratory equipment furniture installation at construction site, see 433202
- installation of built-in components for shop furniture, see 433202
- reupholstering, refinishing and repairing of furniture, see 952400

**310002 Manufacture of kitchen furniture and bathroom furniture**

This type includes:

- manufacture of kitchen furniture
- manufacture of bathroom furniture

This type excludes:

- manufacture of builders' carpentry and joinery, see 162300

**310009 Manufacture of other furniture n.e.c.**

This type includes:

- manufacture of mattresses and of mattress supports
- manufacture of sofas, sofa beds and sofa sets
- manufacture of garden chairs and seats
- manufacture of furniture for bedrooms, living rooms, gardens, etc.
- manufacture of cabinets for sewing machines, televisions, etc.

This type also includes:

- finishing of furniture (e.g. spraying, painting, polishing upholstery)
- manufacture of walk-in wardrobes

This type excludes:

- manufacture of pillows, pouffes, cushions, quilts and eiderdowns, see 139202
- manufacture of builders' carpentry and joinery, see 162300
- manufacture of inflatable rubber mattresses, see 221200
- manufacture of rubber waterbed mattresses, see 221200
- manufacture of sheets and slabs (whether or not cut to shape) of ceramics, concrete and stone, see 234200, 236600, 2370
- manufacture of light fittings or lamps, see 274000
- manufacture of car seats, see 293200
- manufacture of railway car seats, see 302000
- manufacture of aircraft seats, see 303100
- reupholstering and restoring of furniture, see 952400

**32 Other manufacturing**

This division includes the manufacture of a variety of goods not covered in other parts of the classification. Since this is a residual division, production processes, input materials and use of the produced goods can vary widely and usual criteria for grouping classes into divisions have not been applied here.

**321 Manufacture of jewellery, bijouterie and related articles**

This group includes the manufacture of jewellery and imitation jewellery articles.

**3211 Striking of coins**

**321100 Striking of coins**

This type includes:

- manufacture of coins, including coins for use as legal tender, whether or not of precious metal

**3212 Manufacture of jewellery and related articles**

**321201 Manufacture of precious and semi-precious stones**

This type includes:

- production of worked pearls
- production of precious and semi-precious stones in the worked state, including the working of industrial quality stones and synthetic or reconstructed precious or semi-precious stones
- working of diamonds

**321202 Manufacture of jewellery and related articles**

This type includes:

- 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, e.g.:

- dinnerware, flatware, hollowware, toilet articles, office or desk articles, articles for religious use
  - manufacture of technical or laboratory articles of precious metal (except instruments and parts thereof), e.g.:
    - crucibles, spatulas, electroplating anodes
  - manufacture of precious metal watch bands, wristbands, watch straps and cigarette cases
- This type also includes:
- engraving of personal precious and non-precious metal products
- This type excludes:
- manufacture of non metallic watch bands (e.g. fabric, leather, plastic), see 151200
  - manufacture of base metals clad with silver, gold or platinum, not further worked, see 244100
  - manufacture of statuettes and other ornaments of base metal plated with precious metal, see 259900
  - manufacture of watch cases, whether or not of precious metal, see 265204
  - manufacture of (non-precious) metal watch bands, see 321300
  - manufacture of imitation jewellery, whether or not plated with precious metal, see 321300
  - repair of jewellery, see 952500

3213      Manufacture of imitation jewellery and related articles

321300    Manufacture of imitation jewellery and related articles

This type includes:

- manufacture of costume or imitation jewellery, not incorporating natural or cultured pearls, precious or semi-precious stones or (except as plating or as minor constituents) precious metal or metal clad with precious metal, e.g.:
  - rings, bracelets, necklaces, brooches, earrings and similar small objects/articles of personal adornment made from base metals plated with precious metals
  - imitation jewellery containing imitation stones (e.g. imitation gemstones, imitation diamonds, and similar)
- manufacture of metal watch bands (except precious metal)

This type excludes:

- manufacture of jewellery made from precious metals or clad with precious metals, see 321202
- manufacture of jewellery containing genuine gem stones, see 321202
- manufacture of precious metal watch bands, see 321202

322      Manufacture of musical instruments

3220     Manufacture of musical instruments

322000    Manufacture of musical instruments

This type includes:

- manufacture of string instruments
- manufacture of keyboard stringed instruments, including automatic pianos
- manufacture of keyboard pipe organs, 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 instruments (e.g. drums, xylophones, cymbals, castanets, maracas)
- manufacture of musical instruments that generate sound electronically (e.g. digital pianos, synthesisers)
- manufacture of musical boxes, fairground organs, calliopes, etc.
- manufacture of instrument parts and accessories, e.g.:
  - metronomes, tuning forks, pitch pipes, cards, discs and rolls for automatic mechanical instruments

This type also includes:

- manufacture of whistles, call horns and other mouth-blown sound signalling instruments

This type excludes:

- reproduction of pre-recorded sound and videotapes and discs, see 182000
- manufacture of microphones, amplifiers, loudspeakers, headphones and similar components, see 264000
- manufacture of record players, tape recorders, etc., see 264000
- manufacture of toy musical instruments, see 324000
- publishing of pre-recorded sound and videotapes and discs, see 592000
- repair of musical instruments not considered cultural heritage and non-historical, see 952900
- piano tuning, see 952900

323            Manufacture of sports goods

3230          Manufacture of sports goods

323000      Manufacture of sports goods

This type includes the manufacture of sporting and athletic goods (except apparel and footwear).

This type includes:

- manufacture of articles and equipment for sports, outdoor and indoor games, of any material, e.g.:
  - hard, soft and inflatable balls
  - rackets, bats and clubs
  - skis, bindings and poles
  - ski boots, snowboard boots and cross-country ski footwear
  - sailboards, surfboards and waterskis
  - requisites for sport fishing, including landing-nets
  - decoy 'birds' and similar requisites for hunting or shooting
  - articles and equipment for mountain climbing
  - gloves for use in sport, of leather or composition leather
  - basins for swimming and padding pools

- ice skates, roller skates
- bows and crossbows
- gymnasium, fitness centre or athletic equipment
- metal weights as used for weightlifting

This type excludes:

- manufacture of boat sails, see 139600
- manufacture of sports apparel, see 142900
- manufacture of saddlery and harness, see 151200
- manufacture of whips and riding crops, see 151200
- manufacture of sports footwear, see 152000
- manufacture of rubber wetsuits and diving suits, see 221200
- manufacture of plastic headgear excluding safety headgear, see 222600
- manufacture of sporting, hunting or target-shooting weapons and ammunition, see 253000
- manufacture of sports vehicles other than bobsleighs, toboggans, etc, see divisions 29, 30
- manufacture of boats for sports and recreation, see 301200
- manufacture of billiard tables, see 324000
- manufacture of earplugs and noise plugs (e.g. for swimming and noise protection), see 329900
- manufacture of safety headgear, see 329900
- repair of sports goods, see 952900

324            Manufacture of games and toys

3240          Manufacture of games and toys

324000      Manufacture of games and toys

This type includes the manufacture of dolls, toys and games (including electronic games), scale models and children's vehicles (except metal bicycles and tricycles).

This type includes:

- manufacture of dolls and doll garments, parts and accessories
- manufacture of action figures
- manufacture of toy animals
- manufacture of wheeled toys designed to be ridden, including plastic bicycles and tricycles
- manufacture of toy musical instruments
- manufacture of playing cards
- manufacture of games and toys of paper or paperboard
- manufacture of board games and similar games
- manufacture of electronic board games
- manufacture of reduced-size (scale) models and similar recreational models, electrical trains, construction sets, etc.
- manufacture of gaming and gambling machines
- manufacture of billiards and special tables for casino games, etc.
- manufacture of articles for funfair, table or parlour games
- manufacture of puzzles and similar articles
- manufacture of toy drones

This type also includes:

- manufacture of fabric toys

This type excludes:

- manufacture of video game consoles, see 264000
- manufacture of drones for civilian purposes, see 303100
- manufacture of bicycles, see 309201
- manufacture of articles for jokes and novelties, see 329900
- writing and publishing of software for video game consoles, see 582100, 621000

325 Manufacture of medical and dental instruments and supplies

3250 Manufacture of medical and dental instruments and supplies

This class includes the manufacture of laboratory apparatus, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures and orthodontic appliances. Further included is the manufacture of medical, dental and similar furniture where the additional specific functions determine the purpose of the product (for example, dentist's chairs with built-in hydraulic functions).

325001 Manufacture of orthopaedic and prosthetic devices

This type includes:

- manufacture of orthopaedic and prosthetic devices
- manufacture of glass eyes
- manufacture of made-to-measure orthopaedic footwear and special insoles for correcting orthopaedic conditions

This type excludes:

- manufacture of special series-produced shoes supporting the arch of the foot, see 152000
- manufacture of wheelchairs, see 309202
- manufacture of hearing aids, see 266000

325002 Activities of dental laboratories

This type includes:

- manufacture of artificial teeth and dental fittings
- manufacture of dentures and orthodontic appliances

This type excludes:

- manufacture of denture fixative pastes and powders, see 204200
- dental practice activities of a general or specialised nature (e.g. dentistry, endodontic and paediatric dentistry; oral pathology, orthodontic activities), see 862300

325003 Manufacture of eyeglasses

This type includes:

- manufacture of ophthalmic goods, e.g.:
  - eyeglasses
  - sunglasses
  - lenses ground to prescription
  - contact lenses
  - safety goggles

This type excludes:

- retail sale of corrective glasses, lenses and sunglasses, see 477401

325009 Manufacture of medical and dental instruments and supplies n.e.c.

This type includes:

- manufacture of surgical drapes and sterile yarns/tissue
- manufacture of dental fillings and cements (except denture adhesive or cement), dental wax and other dental plaster preparations
- manufacture of bone reconstruction cements
- manufacture of dental laboratory furnaces
- manufacture of laboratory ultrasonic cleaning machinery
- manufacture of laboratory sterilisers
- manufacture of laboratory type distilling apparatus, laboratory centrifuges
- manufacture of medical, surgical, dental or veterinary furniture, e.g.:
  - operating tables
  - examination tables
  - hospital beds with mechanical fittings
  - dentist chairs
- manufacture of articles specially designed for use exclusively in implants in medical, surgical, or veterinary sciences (e.g. plates, which remain permanently in the body (e.g. to replace part or the whole of a bone))
- manufacture of bone plates and screws, syringes, needles, catheters, cannulae, etc.
- manufacture of dental instruments (including dentist's chairs incorporating dental equipment)
- manufacture of medical thermometers
- manufacture of individual protective masks (e.g. FFP2, FFP3, surgical masks)

This type excludes:

- manufacture of wadding, gauze, bandages and similar articles (e.g. dressings, adhesive plasters, poultices, impregnated or coated with pharmaceutical substances), see 212000
- manufacture of electromedical and electrotherapeutic apparatus, see 266000

329 Manufacturing n.e.c.

3291 Manufacture of brooms and brushes

329100 Manufacture of brooms and brushes

This type includes:

- manufacture of brooms and brushes (e.g. toilet brushes, household brushes, paintbrushes, fine brushes, technical and industrial brushes, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather-dusters, paint pads and rollers, squeegees and other brushes, brooms, mops)
- manufacture of shoe and clothes brushes

3299 Other manufacturing n.e.c.

329900 Other manufacturing n.e.c.

This type includes:

- manufacture of protective safety equipment, e.g.:
  - linemen's safety belts and other belts for occupational use
  - cork life preservers
  - safety headgear and other personal safety equipment (e.g. protective face shields/visors, of plastics, such as athletic helmets)
  - fire-protective clothing
  - metal safety headgear and other metal personal safety devices
  - earplugs and noise plugs (e.g. for swimming and noise protection)
  - gas masks
  - biohazard protective clothing and accessories
  - bulletproof vests
  - clean room suits and accessories
- 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 globes
- manufacture of umbrellas, sun umbrellas, walking sticks, seat-sticks
- manufacture of buttons, press fasteners, snap-fasteners, press studs, slide fasteners
- manufacture of electronic cigarettes (vapes)
- manufacture of cigarette lighters and other lighters
- manufacture of articles of personal use (e.g. smoking pipes, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows)
- manufacture of miscellaneous articles (e.g. candles, tapers, etc.; artificial flowers, fruits and foliage; jokes and novelties; hand sieves and hand riddles; tailors' dummies; burial coffins)
- manufacture of floral baskets, bouquets, wreaths and similar articles
- taxidermy activities
- manufacture of scale models designed for demonstrational purposes

This type excludes:

- manufacture of lighter wicks, see 139600
- manufacture of workwear, see 142300
- manufacture of paper novelties, see 172500
- manufacture of plastic headgear excluding safety headgear, see 222600
- manufacture of individual protective masks, e.g. FFP2, FFP3, surgical masks, see 325009

33

Repair, maintenance and installation of machinery and equipment

This division includes the specialised repair of goods produced in the manufacturing sector with the aim to restore machinery, equipment and other products to working order. The provision of general or routine maintenance (in other words, servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

This division only includes specialised repair and maintenance activities. A substantial amount of repair is also done by manufacturers of machinery, equipment and other goods. In such cases, the units engaged in these repair and manufacturing activities are classified according to the value-

added principle, which would often assign these combined activities to the manufacture of the good. The same principle is applied for combined trade and repair.

The rebuilding or remanufacture of machinery and equipment is considered a manufacturing activity and is included in other divisions of this section. Also included in this division is the specialised installation of machinery.

This division excludes:

- cleaning of industrial machinery, see 812202
- the installation of equipment that forms an integral part of buildings or similar structures (e.g. installation of electrical wiring, of escalators or of air-conditioning systems, is classified as construction)
- repair and maintenance of computers and communication equipment, see 951000
- repair and maintenance of household goods, see 952
- repair and maintenance of goods that are used as capital goods as well as consumer goods is typically classified as repair and maintenance of household goods (e.g. office and household furniture repair), see 952400
- repair and maintenance of motor vehicles and motorcycles, see 953

331 Repair and maintenance of fabricated metal products, machinery and equipment

This group includes the specialised repair of goods produced in the manufacturing sector with the aim to restore these metal products, machinery, equipment and other products to working order. The provision of general or routine maintenance (in other words, servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

This group excludes:

- rebuilding or remanufacture of machinery and equipment, see corresponding class in divisions 25 to 30
- cleaning of industrial machinery, see 812202
- repair and maintenance of computers and communication equipment, see 9510
- repair and maintenance of household goods, see 952

3311 Repair and maintenance of fabricated metal products

331100 Repair and maintenance of fabricated metal products

This type includes the repair and maintenance of fabricated metal products of division 25.

This type includes:

- repair of metal tanks, reservoirs and containers
- repair and maintenance for pipes and pipelines
- mobile welding repair
- repair of steel shipping drums
- repair and maintenance of steam or other vapour generators
- repair and maintenance of auxiliary plant for use with steam generators:
  - condensers, economisers, superheaters, steam collectors and accumulators
- repair and maintenance of nuclear reactors, except isotope separators
- repair and maintenance of parts for marine or power boilers

- plate work repair of central heating boilers and radiators
- repair and maintenance of firearms and ordnance, including repair of sporting and recreational guns

This type excludes:

- sharpening of blades and saws, see 331200
- repair and maintenance of shopping carts, see 331700
- repair of central heating systems, etc., see 432202
- repair of mechanical locking devices, safes, etc., see 800909

3312 Repair and maintenance of machinery

**331200 Repair and maintenance of machinery**

This type includes the repair and maintenance of industrial and commercial machinery and equipment (for example, sharpening or installing machinery blades and saws); the provision of welding (for example, automotive, general) repair services; the repair of agricultural and other heavy and industrial machinery and equipment (for example, forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment and mining machinery), including machinery and equipment of division 28.

This type includes:

- repair and maintenance of engines, except for motor vehicles, ships, boats and aircraft
- repair and maintenance of railway engines
- repair and maintenance of pumps, compressors and related equipment
- repair and maintenance of fluid power machinery
- repair of valves
- repair of gearing and driving elements
- repair and maintenance of industrial process furnaces
- repair and maintenance of lifting and handling equipment
- repair and maintenance of industrial refrigeration equipment and air-purifying equipment
- repair and maintenance of commercial-type general-purpose machinery
- repair of power-driven hand tools
- repair and maintenance of metal-cutting and metal-forming machine tools and accessories
- repair and maintenance of other machine tools
- repair and maintenance of agricultural and forestry tractors
- repair and maintenance of agricultural machinery, forestry and logging machinery
- repair and maintenance of metallurgy machinery
- repair and maintenance of machinery for mining, construction, oilfields and gas fields
- repair and maintenance of food, beverage and tobacco processing machinery
- repair and maintenance of textile apparel and leather production machinery
- repair and maintenance of papermaking machinery
- repair and maintenance of plastic and rubber machinery
- repair and maintenance of other special-purpose machinery of division 28
- repair and maintenance of weighing equipment

- repair and maintenance of vending machines
- repair and maintenance of cash registers
- repair and maintenance of photocopy machines
- repair of calculators, electronic or not
- repair of typewriters

This type excludes:

- repair and maintenance of civilian ship and boat engines, see 331500
- repair and maintenance of civilian aircraft engines, see 331600
- repair and maintenance of engines for military fighting vehicles, ships, boats, air and spacecraft, see 331800
- installation, repair and maintenance of furnaces and other heating equipment, see 432202
- installation, repair and maintenance of elevators and escalators, see 432409
- repair and maintenance of computers, see 951000
- repair and maintenance of engines for motor vehicles, see 953101

3313 Repair and maintenance of electronic and optical equipment

331300 Repair and maintenance of electronic and optical equipment

This type includes the repair and maintenance of goods produced in groups 265, 266 and 267, except those that are considered household goods.

This type includes:

- repair and maintenance of the measuring, testing, navigating and control equipment of group 265, e.g.:
  - aircraft engine instruments
  - automotive emissions testing equipment
  - meteorological instruments
  - physical, electrical and chemical properties testing and inspection equipment
  - surveying instruments
  - radiation detection and monitoring instruments
- repair and maintenance of irradiation, electromedical and electrotherapeutic equipment of type 266000, e.g.:
  - magnetic resonance imaging (MRI) equipment
  - medical ultrasound equipment
  - pacemakers
  - hearing aids
  - electrocardiographs
  - electromedical endoscopic equipment
  - irradiation apparatus
- repair and maintenance of optical instruments and equipment of type 267000, if the use is mainly commercial, e.g.:
  - binoculars
  - microscopes (except electron and proton microscopes)
  - telescopes
  - prisms and lenses (except ophthalmic)
  - photographic equipment

This type excludes:

- repair and maintenance of photocopy machines, see 331200

- repair and maintenance of computers and peripheral equipment, see 951000
- repair and maintenance of computer projectors, see 951000
- repair and maintenance of communication equipment, see 951000
- repair and maintenance of commercial television and video cameras, see 951000
- repair of household-type video cameras, see 952100
- repair of watches and clocks, see 952500

3314 Repair and maintenance of electrical equipment

**331400 Repair and maintenance of electrical equipment**

This type includes the repair and maintenance of goods of division 27.

This type includes:

- repair and maintenance of power, distribution, and specialty transformers
- repair and maintenance of electric motors, generators and motor generator sets
- repair and maintenance of switchgear and switchboard apparatus
- repair and maintenance of relays and industrial controls
- repair and maintenance of primary and storage batteries
- repair and maintenance of electric lighting equipment
- repair and maintenance of current-carrying wiring devices and non-current-carrying wiring devices for wiring electrical circuits

This type also includes:

- repair and maintenance of charging facilities for cars

This type excludes:

- repair and maintenance of electric motors for boats, motor vehicles and motorcycles, see 331500, 953101, 953200
- repair and maintenance of computers and peripheral computer equipment, see 951000
- repair and maintenance of telecommunication equipment, see 951000
- repair and maintenance of consumer electronics, see 952100
- repair and maintenance of domestic appliances, see 952200
- repair of watches and clocks, see 952500

3315 Repair and maintenance of civilian ships and boats

**331500 Repair and maintenance of civilian ships and boats**

This type includes the repair and maintenance of civilian ships and boats.

This type includes:

- repair and routine maintenance of civilian ships
- repair and maintenance of pleasure boats
- repair and maintenance of civilian ship and boat engines, including electric outboard motors
- repair and maintenance of floating structures

This type excludes:

- factory overhaul of engines for civilian and sport/recreational ships and boats, see 281100
- factory overhaul and rebuilding of civilian ships and boats, see 301100

- factory overhaul and rebuilding of sport/recreational ships and boats, see 301200
- repair and maintenance of military ships and boats, see 331800
- repair and maintenance of military ship and boat engines, see 331800

3316 Repair and maintenance of civilian air and spacecraft

**331600 Repair and maintenance of civilian air and spacecraft**

This type includes the repair and maintenance of civilian aircraft and spacecraft.

This type includes:

- repair and maintenance of civilian aircraft (except factory conversion, factory overhaul, factory rebuilding)
- repair and maintenance of civilian aircraft engines

This type excludes:

- factory overhaul and rebuilding of civilian aircraft, see 303100
- factory overhaul of civilian aircraft engines, see 303100
- repair and maintenance of military fighting vehicles, aircraft and spacecraft, see 331800

3317 Repair and maintenance of other civilian transport equipment

**331700 Repair and maintenance of other civilian transport equipment**

This type includes the repair and maintenance of other transport equipment of division 30.

This type includes:

- repair and maintenance of locomotives and the conversion of railway cars
- repair of animal-drawn buggies and wagons
- repair and maintenance of vehicles for the disabled
- repair of hand-propelled or animal-drawn vehicles
- repair and maintenance of shopping carts

This type excludes:

- factory overhaul and rebuilding of locomotives and railway cars, see 302000
- repair and maintenance of railway engines, see 331200
- repair and maintenance of military fighting vehicles, see 331800
- repair of bicycles, see 952900
- repair and maintenance of motorcycles, see 953200

3318 Repair and maintenance of military fighting vehicles, ships, boats, air and spacecraft

**331800 Repair and maintenance of military fighting vehicles, ships, boats, air and spacecraft**

This type includes the repair and maintenance of military fighting vehicles, ships, boats, air and spacecraft.

This type includes:

- repair and maintenance of military air and spacecraft

- repair and maintenance of military fighting vehicles
- repair and maintenance of military ships, boats and floating structures
- repair and maintenance of engines for military fighting vehicles, vessels, ships, boats, air and spacecraft

This type excludes:

- factory overhaul of military ship and boat engines, see 281100
- factory overhaul and rebuilding of military fighting vehicles, ships, boats, floating structure, air and spacecraft, see 301300, 303200, 304000
- factory overhaul and conversion of military aircraft or aircraft engines, see 303200
- maintenance and repair of civilian boats, ships, aircraft and spacecraft and other craft, see 331500, 331600

3319 Repair and maintenance of other equipment

**331900** Repair and maintenance of other equipment

This type includes the repair and maintenance of equipment not covered in other groups of this division.

This type includes:

- repair of fishing nets, including mending
- repair of ropes, riggings, canvas and tarpaulins
- repair of fertiliser and chemical storage bags
- repair or reconditioning of wooden pallets, shipping drums or barrels, and similar items
- repair of gaming and gambling machines
- repair of hospital beds

This type excludes:

- repair of household- and office-type furniture, see 952400
- repair of bicycles, see 952900
- repair and alteration of clothing, see 952900

332 Installation of industrial machinery and equipment

3320 Installation of industrial machinery and equipment

**332000** Installation of industrial machinery and equipment

This type includes the specialised installation of machinery. However, the installation of equipment that forms an integral part of buildings or similar structures (for example, installation of escalators, electrical wiring, burglar-alarm systems or air-conditioning systems) is classified as construction.

This type includes:

- installation of industrial machinery in industrial plant
- installation and assembly of industrial process control equipment
- installation of other industrial equipment, e.g.:
  - communication equipment
  - mainframe and similar computers
  - irradiation and electromedical equipment, etc.
- dismantling large-scale machinery and equipment
- activities of millwrights

- machine rigging
- installation of bowling alley equipment
- installation of warehouse machinery and equipment

This type also includes:

- installation of large-scale shelving, warehouses (not as an integral part of building)
- installation of stand-alone charging facilities

This type excludes:

- installation of charging facilities in wall-boxes, see section F
- construction of complete warehouses, see 410001
- installation of elevators, escalators, automated doors, vacuum cleaning systems, etc., see 432409
- installation of doors, staircases, shopfittings, furniture, etc., see 433202
- erection of structural steel for warehouse storage shelves, see 434209
- installation (setting-up) of personal computers, see 629000

- D ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY**  
 This section includes the generation, storage, control, distribution, trade and brokerage of electric power or of gaseous fuels for energy supply through a permanent network of lines, mains and pipes. Energy supply for industrial parks or residential buildings is included.
- This section therefore includes the operation of electricity and gas utilities. The section also includes heating and cooling (for example, steam and air conditioning supply) through a permanent network.  
 This section excludes:
- extraction of crude natural gas, see 062000
  - water supply and sewerage treatment services, see divisions 36, 37
  - transport of gas through pipelines, i.e. not through the distribution network, see 495000
- 35 Electricity, gas, steam and air conditioning supply
- 351 Electric power generation, transmission and distribution  
 This group includes the generation of electric power, transmission from generating facilities to distribution centres and distribution to end users. Trade and storage of electric power are also included.  
 This group excludes:
- separate production and distribution of steam and heat, see 353
  - activities of electric power brokers or agents that arrange the sale of electricity via power distribution systems operated by others, see 354
- 3511 Production of electricity from non-renewable sources
- 351100 Production of electricity from non-renewable sources**  
 This type includes:
- operation of generation facilities that produce electricity from non-renewable sources (e.g. natural gas, coal and other fossil fuels), and from emission-free non-renewable sources (e.g. nuclear)
- This type excludes:
- production of electricity from renewable sources, see 351200
  - production of electricity as part of the storage of electricity, see 351600
  - pretreatment of waste for energy recovery, see 382200
- 3512 Production of electricity from renewable sources
- 351200 Production of electricity from renewable sources**  
 This type includes:
- operation of generation facilities that produce electricity from renewable sources (e.g. gaseous biofuels, hydropower, on-shore and off-shore wind power, photovoltaic solar energy, thermal solar energy, geothermal energy, and tide, wave and ocean energy)
- This type excludes:
- production of electricity from non-renewable sources, see 351100

- production of electricity as part of a storage of electricity activities, see 351600
- pretreatment of waste for energy recovery, see 382200

3513 Transmission of electricity

351300 Transmission of electricity

This type includes:

- operation of high-voltage transmission systems that convey electricity from the generation facility to the distribution system

3514 Distribution of electricity

351400 Distribution of electricity

This type includes:

- operation of high-voltage, medium-voltage and low-voltage distribution systems (e.g. lines, poles, meters and wiring), which convey electric power received from the generation facility or the transmission system to the end user
- rental and leasing of electricity distribution networks
- distribution of electricity into electricity mains/networks

3515 Trade of electricity

351500 Trade of electricity

This type includes:

- sale of electricity on own account

This type also includes:

- operation of charging facilities for electric vehicles (e.g. electric cars, motorcycles, bicycles)
- operation of charging facilities for electronic devices (e.g. mobile telephones, laptops)

This type excludes:

- sale of electricity on the account of others, see 354000

3516 Storage of electricity

351600 Storage of electricity

This type includes:

- conversion of electrical energy into a form of energy, which can be stored, the storing of such energy, and the subsequent reconversion of such energy into electrical energy (e.g. operation of pump storage facilities, compressed air storage facilities, or battery storage facilities)
- distribution of stored electricity into electricity mains/networks

This type excludes:

- production of electricity not by storage, see 351100, 351200

352 Manufacture of gas, and distribution of gaseous fuels through mains

This group includes the manufacture of gas, the storage and the distribution of natural or synthetic gas to the user through a system of mains.

This group excludes:

- extraction of crude natural gas, see 062000
- activities of brokers or agents that arrange the sale of gaseous fuels over gas distribution systems operated by others, see 354
- transport, usually over long distances, of gas through pipelines, see 495000
- separate operation of gas pipelines, typically done over long distances, connecting producers with distributors of gas, or between urban centres, see 495000

3521 Manufacture of gas

352100 Manufacture of gas

This type includes:

- production of gaseous fuels for energy supply through a gas distribution network (e.g. by carbonation of coal, gasification of lignite, electrolysis or methanisation)
- production of gaseous fuels for energy supply with a specified calorific value, by purification, blending and other processes from gases of various types, including natural gas or hydrogen
- production of biogas for the purpose of gas supply (e.g. from sewage sludge, manure, waste)
- production of gaseous biofuels for energy supply through a gas distribution network

This type also includes:

- cleansing of biogas for energy supply through a permanent network
- regasification of natural gas for distribution through mains

This type excludes:

- extraction of crude natural gas, see 062000
- production of coke oven gas, see 191000
- manufacture of refined petroleum products, see 192000
- production of liquefied petroleum gas (LPG), see 192000
- manufacture of industrial gases, see 201100
- production of hydrogen, not for energy supply through a network, see 201100
- manufacture of basic organic gases, not for energy supply through a network, see 201400
- production of blast furnace gas, see 241000

3522 Distribution of gaseous fuels through mains

352200 Distribution of gaseous fuels through mains

This type includes:

- transport, distribution and supply of gaseous fuels of all kinds through a system of mains
- rental and leasing of gas utility networks

This type excludes:

- transport, usually over long distances, of gas through pipelines, see 495000

3523 Trade of gas through mains

**352300 Trade of gas through mains**

This type includes:

- sale of gaseous fuels through mains on own account

This type excludes:

- sale of gaseous fuels through mains on the account of others, see 354000

- wholesale of bottled gaseous fuels, see 468102

- retail sale of gaseous fuel for motor vehicles and motorcycles, see 4730

- retail sale of household fuel oil and bottled gas, see 477800

3524 Storage of gas as part of network supply services

**352400 Storage of gas as part of network supply services**

This type includes:

- storage of gaseous fuels

- storage of hydrogen gas

This type excludes:

- gas liquefaction for mine site transport, see 091000

- storage of gaseous fuels not part of network energy supply services, see 521000

353 Steam and air conditioning supply

3530 Steam and air conditioning supply

**353000 Steam and air conditioning supply**

This type includes:

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

- production and distribution of cooled air (e.g. for air conditioning supply)

- production and distribution of chilled water for cooling purposes

- production of ice from natural water for cooling purposes

This type also includes:

- storage of thermal energy

This type excludes:

- manufacturing of edible ice, see 105200

- production of heat/steam by conversion of waste materials, see 382200

354 Activities of brokers and agents for electric power and natural gas

3540 Activities of brokers and agents for electric power and natural gas

354000 Activities of brokers and agents for electric power and natural gas

This type includes:

- activities of brokers or agents, who arrange the sale of electricity via power distribution systems operated by others
- activities of gas brokers or agents, who arrange the sale of gaseous fuels via gas distribution systems operated by others
- activities of brokers and agents for commodity and distribution capacity exchanges for gaseous fuels
- activities of brokers and agents for the operation of electricity, distribution and transmission capacity exchanges for electric power

This type excludes:

- storage and distribution or provision of electric power to the user (through a system of mains) by the producer (own account), see 351
- storage and distribution or provision of gaseous fuels to the user through a system of mains by the producer (own account), see 352
- intermediation service activities for the transportation of gaseous fuels, see 523100

**E WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES**

This section includes activities related to the management, collection, pretreatment, recovery and disposal, of various forms of waste (for example, solid or non-solid industrial or household waste) and its organisation.

The output of the waste or sewage treatment process can either be disposed of or become an input into other production processes.

Secondary raw materials are materials and products which can be used as raw materials by simple reuse, or via recycling and recovery of waste.

Activities of water supply are also grouped in this section, since they are often carried out in connection with, or by units also engaged in, the treatment of sewage.

The activities also include remediation of contaminated buildings and sites, soil, surface and groundwater (for example, oceans, mangroves, seas), and so on.

Units that usually take over their clients' waste procedures and become the customer of the waste hauler, and then in turn charge their clients for waste services, are classified in division 38. Even if these units do not render the corresponding services themselves, they are responsible for their fulfilment. This activity is regarded as the complete outsourcing of a service.

This section excludes:

- waste trade activities as agents, see 461800
- waste trade activities as wholesalers, see 468700

**36 Water collection, treatment and supply**

This division includes the collection, treatment and distribution of water to the end user. Collection of water from various sources, as well as distribution by various means is included.

**360 Water collection, treatment and supply**

**3600 Water collection, treatment and supply**

**360000 Water collection, treatment and supply**

This type includes:

- abstraction of water from rivers, lakes and groundwater
- treatment of water for the water supply
- desalting of sea or groundwater to produce water as the principal product of interest
- distribution of water through mains, by trucks or other means
- rainwater collection

This type also includes:

- operation of irrigation canals
- rental and leasing of water distribution networks

This type excludes:

- provision of irrigation services for agricultural purposes, see 016100
- production of natural mineral waters and other bottled waters, see 110700
- treatment of wastewater in order to prevent pollution, see 370002
- installation of water meters, see 432201

- transport of water via pipelines, not through mains, see 495000
- water meter reading by third parties, see 829900

37 Sewerage  
 This division includes the operation of sewerage systems or sewage treatment facilities, which collect, treat and discharge sewage into water bodies or operate surface impoundment.  
 This division also includes the operation of wastewater treatment facilities for reuse (for example, agricultural, industrial and road cleaning wastewater or collected rainwater).

370 Sewerage

3700 Sewerage

#### 370001 Sewer and drain cleaning

This type includes:

- maintenance and cleaning of sewers and drains, including sewer rodding

This type also includes:

- emptying and cleaning of cesspools and septic tanks, sinks and pits from sewage
- servicing of chemical toilets

This type excludes:

- decontamination of surface water and groundwater at the place of pollution, see 390000
- cleaning and unblocking of drainpipes in buildings, see 432201
- rental of portable toilets, see 773909

#### 370002 Sewage disposal

This type includes:

- operation of wastewater treatment facilities for reuse (e.g. of agricultural, industrial and road cleaning wastewater or collected rainwater), or for artificial recharge or augmentation of groundwater bodies
- collection and transport of wastewater from users (e.g. households or industrial units)
- collection and transport of rainwater by means of sewerage networks, collectors, tanks and other means of transport (e.g. sewage vehicles, etc.)

This type also includes:

- freeze drying of sewage sludge by wastewater treatment plants

This type excludes:

- further treatment of sludge extracted from wastewater, see division 38:
  - anaerobic digestion, see 382
  - aerobic treatment such as composting, see 382100
  - incineration with energy recovery, see 382200
  - incineration without energy recovery, see 383100
- construction or repair of sewerage systems, see 422100

38 Waste collection, recovery and disposal activities  
 This division includes the collection, pretreatment for recovery or disposal, recovery and disposal of waste materials and its organisation. Collection of

waste which solely supports the subsequent recovery or disposal of the collected waste by the same unit is to be regarded as waste recovery or as a disposal activity.

This division also includes:

- local hauling of waste materials and the operation of materials recovery facilities, i.e. facilities that transform waste, including scrap, whether sorted or not, into secondary raw materials
- activities of units implementi

This division excludes:

- wholesale of waste, see division 46

### 381 Waste collection

This group includes the collection of waste from households and businesses (for example, by means of bins, containers). It includes collection of non-hazardous and hazardous waste (for example, diapers, used batteries, demolition waste, waste oil from households and ships).

### 3811 Collection of non-hazardous waste

#### 381100 Collection of non-hazardous waste

This type includes:

- collection of non-hazardous solid waste (i.e. garbage) within a local area (e.g. from households and businesses), by means of refuse bins, wheeled bins and containers, which may contain mixed recoverable materials
- collection of recyclable materials (separated or not)
- collection of non-hazardous waste of animal or vegetal origin
- collection of used cooking oils and fats
- collection of refuse in public places
- collection of yard waste

This type also includes:

- collection of construction and demolition waste
- collection and removal of debris
- collection of waste output of industrial plants
- operation of waste transfer facilities for non-hazardous waste

This type excludes:

- collection of sewage, see division 37
- collection of hazardous waste, see 381200
- operation of facilities for sorting recoverable waste, see 382
- operation of recovery facilities, see 382
- operation of landfills for the disposal of non-hazardous waste and permanent storage of non-hazardous waste, see 383200

### 3812 Collection of hazardous waste

#### 381200 Collection of hazardous waste

This type includes the collection of hazardous waste (for example, explosive, oxidising, flammable toxic, irritant, carcinogenic, corrosive, infectious and other substances) and preparations harmful for human health and the environment. The activities may also include identification, treatment, packaging and labelling of waste for the purposes of transport.

This type includes:

- collection of hazardous waste, e.g.:
  - used oil from ships or garages
  - paints and varnishes
  - biohazardous waste
  - hazardous waste of animal origin
  - nuclear waste
  - collection of expired pharmaceuticals
  - used batteries

This type also includes:

- operation of waste transfer facilities for hazardous waste

This type excludes:

- collection of non-hazardous waste, see 381100
- operation of landfills for the disposal of hazardous waste and permanent storage of hazardous waste, see 383200
- remediation and clean up of contaminated buildings, mine sites, soil or groundwater (e.g. asbestos removal), see 390000

382 Waste recovery

This group includes waste pretreatment and recovery of both non-hazardous and hazardous waste. Included are materials recovery, energy recovery resulting from thermal treatment of waste and other forms of waste recovery. Treatment prior to recovery of various forms of waste by different means is also included in the group.

This group excludes:

- treatment and disposal of wastewater, see 370002
- waste disposal without recovery, see 383

3821 Materials recovery

382100 Materials recovery

This type includes the processing of metal and non-metal waste, including scrap and other articles into secondary raw materials.

Further included is the recovery of materials from waste streams in the form of: (1) separating and sorting recoverable materials from non-hazardous waste streams; or (2) separating and sorting of commingled recoverable materials (for example, paper, plastics, used beverage cans and metals) into distinct categories.

Examples of the mechanical or chemical transformation processes that are undertaken include:

- mechanical crushing and shredding of metal waste (e.g. from used cars, washing machines or motorcycles)
- mechanical reduction of large iron pieces (e.g. railway wagons)
- recovery of iron from clinker
- reclaiming metals out of photographic waste (e.g. fixer solution or photographic films and paper)
- dismantling of wrecks of any type (automobiles, ships, computers, televisions and other equipment) for materials recovery
- producing of rubber powder from rubber waste and scrap, including decontamination, division (elimination) of fractions and devulcanising

- sorting and mechanical processing (e.g. cleaning, grinding) of plastics to produce secondary raw materials
- processing (ageing, cleaning, sorting) of incineration bottom ash into secondary raw materials (metals, aggregates)
- crushing, cleaning and sorting of glass
- crushing, cleaning and sorting of other waste (e.g. demolition waste to obtain secondary raw materials)
- processing of food, beverage and tobacco waste and residual substances into secondary raw materials
- recovery of waste oil, processing of used cooking oils and fats into secondary raw materials
- extraction of silver from waste chemicals, other than by electrolytic refining
- recovery of phosphorus from the incineration of sewage sludge
- recovery of textile and clothing products by mechanical, thermal or chemical processes
- production of waste compost
- production of biogas from waste, not for the purpose of gas or energy supply

This type excludes:

- manufacture of new final products from secondary raw materials, whether or not self-manufactured (e.g. spinning yarn from garnetted stock, making pulp from paper waste, retreading tyres or the production of metal from metal scrap), see corresponding classes in section C
- reprocessing of nuclear fuels, see 201300
- remelting of plastics to produce granulates or compounds, see 201600
- remelting ferrous waste and scrap, see 241000
- production of biogas from waste for gas supply, see 352100
- energy recovery during waste thermal treatment, see 382200
- disposal of waste without recovery and treatment prior to disposal, see 383
- wholesale of recoverable materials, see 468700

3822 Energy recovery

382200 Energy recovery

This type includes pretreatment of waste for energy recovery, conversion of waste materials (for example, into usable heat or electricity), through a variety of processes, which include thermal treatment.

This type also includes the activities of waste-to-energy plants.

This type excludes:

- landfill gas recovery for gas supply, see 352100

3823 Other waste recovery

382300 Other waste recovery

This type includes:

- preparation of sewage sludge for land treatment resulting in benefits to agriculture or ecological improvement

- preparation of non-hazardous waste for reclamation in excavated areas or for engineering purposes in landscaping

This type excludes:

- production of biogas from sewage sludge, see 352100
- back-filling without related preparation activities (e.g. preparation of non-hazardous waste for engineering purposes in landscaping) see division 42

**383** Waste disposal without recovery

This group includes waste disposal of both non-hazardous and hazardous waste. Included are thermal treatment without energy recovery, landfilling, release in bodies of water and permanent storage of waste. Treatment prior to disposal of various forms of waste by different means (for example, the treatment of organic waste with the aim of disposal; the treatment and disposal of toxic live or dead animals and other contaminated waste; the treatment and disposal of transitional radioactive waste from hospitals, etc.) are also included.

This group also includes burial or ploughing under of refuse; disposal of used goods to eliminate harmful waste.

This group excludes:

- treatment and disposal of wastewater, see 370002
- waste recovery, see 382

**3831** Incineration without energy recovery

**383100** Incineration without energy recovery

This type includes the disposal and treatment prior to disposal of waste by combustion or thermal treatment without energy recovery.

This type excludes:

- thermal treatment with the resulting production of energy, see 382200

**3832** Landfilling or permanent storage

**383200** Landfilling or permanent storage

This type includes the disposal and treatment prior to disposal of non-hazardous or hazardous waste, whether the waste is solid or not, onto or into land (i.e. underground), or in permanent waste storage facilities or sites.

This type includes:

- operation of landfills for the disposal of waste
- treatment of organic waste for landfilling or permanent storage
- disposal of by-products of animal origin in landfills

This type also includes:

- permanent underground storage of waste in a deep geological cavity (e.g. in salt or potassium mines)
- storage of captured carbon dioxide

This type excludes:

- operation of facilities where waste is unloaded for further transport, see 381
- operation of facilities where recoverable materials are sorted, see 382100

- decontamination, cleaning up land, water and toxic material abatement, see 390000

3833 Other waste disposal

**383300 Other waste disposal**

This type includes:

- release of liquid waste to seas/oceans or other water bodies, including seabed insertion
- injection of pumpable discards into wells, salt domes or naturally occurring repositories

This type excludes:

- operation of facilities where recoverable materials are sorted, see 382100
- energy recovery by thermal treatment of waste, see 382200
- decontamination, cleaning up land, water and toxic material abatement, see 390000

39 Remediation activities and other waste management service activities  
This division includes the provision of remediation services (for example, cleaning up contaminated buildings, sites, soil, surface or groundwater).

390 Remediation activities and other waste management service activities

3900 Remediation activities and other waste management service activities

**390000 Remediation activities and other waste management service activities**

This type includes:

- decontamination of soils and groundwater at the place of pollution, either in situ or ex situ, using e.g. mechanical, chemical or biological methods
- decontamination of industrial plants or sites, including nuclear plants and sites
- 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 and other pollutions on land, in surface water, in ocean and seas, including coastal areas
- asbestos, lead paint, and other toxic material abatement
- clearing of landmines, etc., including detonation at the site
- other specialised pollution-control activities
- carbon capture activities
- remediation of mining sites

This type also includes:

- site remediation containment, control and monitoring services

This type excludes:

- pest control in agriculture, see 016100
- purification of water for water supply purposes, see 360000
- treatment of waste with recovery, see 382
- treatment of waste for disposal, see 383
- storage of captured carbon dioxide (CO<sub>2</sub>), see 383200

- civil engineering projects for the rehabilitation of mining sites, see section F
- outdoor sweeping and watering of streets, see 812309

F

CONSTRUCTION

This section includes general construction and specialised construction activities for buildings and civil engineering works. It includes new work, repair, additions and alterations, the erection of prefabricated buildings or structures on the site as well as construction of a temporary nature.

General construction is the construction of entire buildings (for example, homes, offices, stores as well as utility buildings or farm buildings). It also includes the construction of civil engineering works (for example, motorways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, sports facilities).

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. A main contractor that carries the overall responsibility for a construction project is classified here.

Further included is the repair of buildings and engineering works.

Maintenance, repair and installation of equipment that forms an integral part of buildings (for example, escalators or air-conditioning systems) is classified as construction in section F, if carried out at the construction site.

This section includes the complete construction of buildings (division 41), the complete construction of civil engineering works (division 42), as well as specialised construction activities, if carried out only as a part of the construction process (division 43).

The rental of construction equipment with an operator is classified with the specific construction activity carried out with this equipment.

This section also includes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings

This section excludes:

- manufacturing operations not performed at the construction site, see section C

- manufacture and deliverance of structures and prefabricated building parts in wood or metal with minimal on-site construction work, see divisions 16, 25

- archaeological excavations, see 7220

- conservation, restoration and other cultural heritage support activities, see 913000

41 Construction of residential and non-residential buildings

This division includes general construction of buildings of all types and sizes. It includes construction, repair, additions and alterations as well as the erection of prefabricated buildings on site and those of a temporary nature.

Further included is the construction of entire buildings (for example, homes, offices, stores as well as utility buildings or farm buildings).

410 Construction of residential and non-residential buildings

4100 Construction of residential and non-residential buildings

This class includes the construction of complete residential or non-residential buildings, as well as additions and alterations. Outsourcing parts

or the whole construction process is possible. If only specialised parts of the construction process are carried out, the activity is classified in division 43.

#### 410001 General construction of buildings

This type includes:

- construction of all types of buildings:

- residential buildings
- buildings for industrial production (e.g. factories, workshops)
- hospital, school and office buildings
- hotel, store, shopping centre and restaurant buildings
- airport buildings
- indoor sports facilities
- parking garages, including underground parking garages
- warehouse buildings
- religious buildings

- erection of prefabricated buildings requiring on-site assembly

This type also includes:

- construction of air-supported buildings (e.g. air domes)

This type excludes:

- construction of industrial facilities, except buildings, see 429900
- development of building projects for later sale, see 681200
- architectural and engineering activities, see 711
- project management for construction, see 711

#### 410002 General building maintenance and repair work

This type includes:

- maintenance, repair, remodelling and renovation of building construction included in class 4100

This type also includes:

- complete remodelling or renovating of existing residential or non-residential buildings involving several specialised construction activities

This type excludes:

- Plumbing, heat and air-conditioning installation, see 4322
- Painting and plastering equally combined, see 433402
- Building services engineering, see 711202
- Roofing activities, see 4341

#### 42 Civil engineering

This division includes general construction for civil engineering objects. It includes new work, repair, additions and alterations, the erection of prefabricated objects on site and also those of a temporary nature. Further included is the construction of heavy constructions (for example, motorways, roads, power plants, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, outdoor sports facilities). 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.

#### 421 Construction of roads and railways

4211 Construction of roads and motorways

**421100 Construction of roads and motorways**

This type includes:

- construction of motorways, streets, roads, other vehicular and pedestrian ways
- surface work (e.g. paving of roads, motorways or bridges with asphalt, concrete, stone)
- construction of airfield runways
- construction of rough, unpaved mountain bike pathways or trails

This type excludes:

- installation of street lighting and electrical signals, see 432100
- road painting and other marking of streets, see 435000
- installation of crash barriers, traffic signs, etc., see 435000
- project management for construction, see 711
- engineering activities, see 7112

4212 Construction of railways and underground railways

**421200 Construction of railways and underground railways**

This type includes:

- construction of railways, underground railways and subways
- construction of electricity overhead lines and conductor rails for railways

This type excludes:

- installation of lighting and electrical signals, see 432100
- project management for construction, see 711
- engineering activities, see 7112

4213 Construction of bridges and tunnels

**421300 Construction of bridges and tunnels**

This type includes:

- construction of bridges (e.g. for elevated motorways and railways)
- construction of tunnels, including those for motorways and railways

This type excludes:

- construction of railways, see 421200
- installation of lighting and electrical signals, see 432100
- project management for construction, see 711
- engineering activities, see 7112

422 Construction of utility projects

4221 Construction of utility projects for fluids

**422100 Construction of utility projects for fluids**

This type includes the construction of utility distribution lines for the transport of fluids, including gas, and related buildings and structures that are integral part of these systems.

This type includes:

- construction of civil engineering structures for:
  - long-distance, underwater and urban pipelines
  - water mains and water lines
  - irrigation systems (canals)
  - reservoirs
- construction of:
  - sewerage systems, including repair
  - sewage treatment and disposal plants
  - pumping stations

This type also includes:

- water well drilling
- geothermal drilling

This type excludes:

- installation of water and wastewater pipes in buildings, see 432201
- project management activities related to civil engineering works, see 7112
- camera inspections in wastewater, water and gas pipes, not associated with repair or installation, see 712000

4222 Construction of utility projects for electricity and telecommunications

422200 Construction of utility projects for electricity and telecommunications

This type includes the construction of distribution lines for electricity and telecommunication and related buildings and structures that are integral part of these systems.

This type includes:

- construction of civil engineering structures for:
  - long-distance and urban communication and power lines
  - power plants (e.g. solar and wind energy farms)
- construction of stations for distribution of electricity (e.g. for electric vehicles)

This type excludes:

- construction of electricity overhead lines and conductor rails for railways, see 421200
- construction of dams and dykes for hydroelectric power plants, see 429100
- installation of photovoltaic systems on buildings, see 432100
- electrical installation of accumulator chargers, e.g. for electrical vehicles, see 432100
- project management activities related to civil engineering works, see 7112

429 Construction of other civil engineering projects

4291 Construction of water projects

429100 Construction of water projects

This type includes:

- construction and reconstruction of, e.g.:
  - waterways, harbour basins, rivers, marinas
  - hydromechanical structures (e.g. locks, lifts, sluices, slipways)
  - dams and dykes
- dredging of waterways (e.g. harbour basins, rivers)

This type excludes:

- construction of underwater pipelines, see 422100
- laying of underwater cables, see 422200
- project management activities related to civil engineering works, see 7112

4299 Construction of other civil engineering projects n.e.c.

429900 Construction of other civil engineering projects n.e.c.

This type includes:

- construction of industrial facilities, except buildings, e.g.:
  - mining facilities (e.g. shafts, towers, tunnels)
  - refineries
  - chemical plants
  - grain storage systems
- construction of other facilities, except buildings, e.g.:
  - outdoor sports facilities
- construction of playgrounds
- construction of non-prefabricated swimming pools

This type excludes:

- installation of industrial machinery and equipment, see 332000
- construction of buildings used for indoor sports, see 410001
- subdividing and improving of self-owned land for later sale, see 681200
- project management activities related to civil engineering works, see 7112

43 Specialised construction activities

This division includes specialised activities (special trades) in the construction of buildings and civil engineering objects or preparation of same. These activities are usually specialised in one aspect common to different structures, requiring specialised skills or equipment. Specialised construction works are generally performed by subcontractors on behalf of a contractor whose activities fall under divisions 41 or 42. Repair is usually performed without subcontracting.

Further included is the installation of all types 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 off site. This division includes electrical, plumbing and other offshore construction installation on floating platforms.

The rental of equipment with an operator is classified under the associated construction activity.

This division also includes:

- specialised construction activities carried out as repair and maintenance
- completion or finishing of buildings and other constructions

431 Demolition and site preparation

This group includes activities of preparing a site for subsequent construction activities, including the removal of previously existing structures.

4311 Demolition

431100 Demolition

This type includes:

- demolition, dismantling or wrecking of buildings and other structures

4312 Site preparation

431200 Site preparation

This type includes:

- clearing of building sites
- earth moving (e.g. excavation, landfill, levelling, trench digging, blasting)

This type also includes:

- site preparation for mining, e.g.:
  - overburden removal and other development and preparation of mineral properties and sites, except oil and gas sites
- building site drainage
- drainage of agricultural or forestry land
- site

This type excludes:

- drilling of production oil or gas wells, see 061000, 062000
- test drilling, associated with extraction of petroleum or gas extraction, see 091000
- test drilling and boring support services (e.g. associated with mining activities), see 099000
- decontamination of soil, see 390000
- water well drilling, see 422100
- shaft sinking, see 435000

4313 Test drilling and boring

431300 Test drilling and boring

This type includes:

- test drilling, test boring and core sampling for construction, geophysical, geological or similar purposes

This type excludes:

- drilling of production oil or gas wells, see 061000, 062000
- test drilling, associated with extraction of petroleum or gas, see 091000
- test drilling and boring support services, e.g. associated with mining activities, see 099000
- water well drilling, see 422100
- geothermal drilling, see 422100
- shaft sinking, see 435000
- exploration of oilfields and gas fields, geophysical, geological and seismic surveying, see 711205

432 Electrical, plumbing and other construction installation activities  
This group includes installation activities that support the functioning of a building, including the installation of electrical systems, plumbing (water, gas and sewerage systems), heat and air-conditioning systems, elevators, and so on.

4321 Electrical installation

432100 Electrical installation

This type includes the installation, repair and maintenance of electrical systems in all types of buildings and civil engineering structures.

This type includes:

- installation of:

- electrical wiring and fittings
- telecommunication wiring
- computer network and cable television wiring, including fibre optic
- satellite dishes
- lighting systems
- fire alarms
- burglar alarm systems
- street lighting and electrical signals
- airport runway lighting
- photovoltaic systems on buildings
- power storage systems

- installation of chargers for electric vehicles

This type also includes:

- connecting of electric appliances and household equipment, including baseboard heating

This type excludes:

- construction of distribution lines for electricity and telecommunication, see 422200
- construction of solar and wind energy farms, see 422200
- construction of stations for distribution of electricity (e.g. for electrical vehicles), see 422200
- installation of lightning conductors, see 432409
- monitoring and remote monitoring of electronic security systems (e.g. burglar alarms and fire alarms, including their installation and maintenance), see 800901

4322 Plumbing, heat and air-conditioning installation  
This class includes the installation, repair and maintenance of plumbing, heating and air-conditioning systems, including additions and alterations.

432201 Sanitary installation and plumbing

This type includes:

- installation, maintenance and repair of:

- plumbing and sanitary equipment
- gas fittings
- sprinkler systems (e.g. fire and lawn sprinkler systems)

This type also includes:

- installation of medical gas distribution systems in hospitals

This type excludes:

- camera inspections in air ducts, water and gas pipes, and other liquids without repair or installation, see 712000

**432202 Installation of heating, ventilation and air-conditioning systems**

This type includes:

- installation, maintenance and repair of:

- heating systems (e.g. heat pumps, solar thermal collectors)
- furnaces, cooling towers
- ventilation and air-conditioning equipment and ducts
- steam piping

- construction or installation of masonry heater stoves

- ductwork installation

This type excludes:

- installation of electric baseboard heating, see 432100

**4323 Installation of insulation**

**432300 Installation of insulation**

This type includes:

- thermal insulation works (e.g. for pipes, boilers and ducts, interior or exterior, including cladding for insulation)

- sound insulation works

- vibration insulation works

- fireproofing works

- hydro insulation

- internal insulation of roofs

This type excludes:

- external insulation of roofs, see 434102

- waterproofing of roofs, see 434102

**4324 Other construction installation**

This class includes the installation, repair and maintenance of equipment other than electrical, plumbing, heating and air-conditioning systems or industrial machinery in buildings and civil engineering structures.

**432401 Installation of blinds**

This type includes:

- installation in buildings or other construction projects of:

- blinds and awnings
- mosquito nets

This type also includes:

- installation of pergolas

This type excludes:

- installation of verandas, see 433202

**432409 Other construction installation n.e.c.**

This type includes:

- installation in buildings or other construction projects of:

- elevators, escalators, including stairlifts

- automated and revolving doors
  - lightning conductors
  - vacuum cleaning systems
  - installation of fences, railings and fire escape staircases
  - installation of signs, whether illuminated or not
  - installation and replacement of locks
  - installation of automatic systems on buildings (e.g. for opening windows and doors)
- This type also includes:
- installation of equipment for the personal safety of builders (e.g. to secure lifelines)
- This type excludes:
- installation of industrial machinery, see 332000
  - installation of roof safety equipment, see 434102

433 Building completion and finishing

4331 Plastering

433100 Plastering

This type includes:

- application in buildings or other construction projects of interior and exterior plaster or stucco, including related lathing materials
- dry-walling of walls and plastering of ceilings

4332 Joinery installation

433201 Installation of kitchens

This type includes:

- installation of fitted kitchens

433202 Other joinery installation

This type includes:

- installation of doors (except automated and revolving), windows, door and window frames, of wood or other materials
- installation of built-in cupboards, staircases, shopfittings, etc.
- interior completion (e.g. of ceilings and movable partitions)
- installation works for conservatories, verandas and balconies, of wood or other materials
- assembly of stands and stalls (e.g. at markets, exhibitions, fairs)

This type excludes:

- installation of automated and revolving doors, see 432409
- rental and leasing of stands and stalls (e.g. for exhibitions or fairs), see 773909

4333 Floor and wall covering

433301 Laying of floor and wall coverings

This type includes:

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

- parquet and other wooden floor coverings, wooden wall coverings
- carpets and linoleum floor coverings, including of rubber or plastic
- wallpaper

This type also includes:

- sanding, polishing and sealing of parquet and other wooden floor coverings

This type excludes:

- wall cladding for exterior walls, see 433500

**433302 Laying of tiles**

This type includes:

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

- ceramic, concrete or cut stone wall or floor tiles, ceramic stove fitting
- terrazzo, marble, granite or slate floor or wall coverings

**4334 Painting and glazing**

**433401 Painting**

This type includes:

- interior and exterior painting of buildings  
- painting of civil engineering structures

This type also includes:

- coating of metals on buildings and civil engineering structures

This type excludes:

- waterproofing of roofs, see 434102  
- road painting and other marking of streets, see 435000

**433402 Painting and plastering equally combined**

This type includes:

- interior and exterior painting of buildings combined with plastering

**433403 Glazing**

This type includes:

- installation of glass, mirrors, etc.

This type excludes:

- installation of windows, see 433202

**4335 Other building completion and finishing**

**433500 Other building completion and finishing**

This type includes the finishing work which concludes the construction of a building.

This type includes:

- installation of prefabricated metal sheets, steel parts, profiles, etc.  
- ornamentation fitting works on buildings  
- cladding for exterior walls

- erection of curtain walls
- other building completion and finishing work n.e.c.

This type excludes:

- installation of large-scale shelving (e.g. in shops, or warehouses (not an integral part of the building)), see 332000
- installation of acoustic panels, tiles and similar materials, see 432300
- interior design activities, see 741300
- general interior cleaning of buildings and other structures, see 812100
- specialised interior and exterior cleaning of buildings, see 812202
- steam cleaning, sandblasting and similar activities for building exteriors, see 812202

434 Specialised construction activities in construction of buildings

4341 Roofing activities

434101 Roof framing works

This type includes:

- installation of roof trusses

This type excludes:

- manufacture of wooden elements for construction, see 162300
- Manufacture of metal structures and parts of structures, see 251100
- general construction of buildings in wood, see 410001

434102 Roofing

This type includes:

- laying of roof coverings
- external insulation of roofs
- waterproofing of roofs
- installation of roof lights and roof access hatches
- installation of snowguards on pitched roofs
- installation of roof safety equipment

This type excludes:

- internal insulation of roofs, see 432300
- roofing and flashing work combined, see 434103

434103 Flashing and guttering work

This type includes:

- tinsplate work for roofing
- installation of drains, eaves gutters and rainwater pipes
- metal roof-covering activities

4342 Other specialised construction activities in construction of buildings

This class includes:

- construction activities specialising in one aspect common to construction of buildings, requiring specialised skills or equipment

434201 Waterproofing

This type includes:

- damp proofing and water proofing works

This type excludes:  
- waterproofing of roofs, see 434102

**434202 Erection of scaffolding**

This type includes:  
- erection and dismantling of scaffolds and work platform  
This type excludes:  
- renting of scaffolds and work platforms, see 773200

**434203 Erection of chimneys and industrial ovens**

This type includes:  
- stove and chimney installation  
- chimney lining  
This type excludes:  
- construction or installation of masonry heater stoves, see 432202

**434209 Other specialised construction activities in construction of buildings n.e.c.**

This type includes:  
- construction of foundations, including piledriving  
- shaft sinking (water and geothermal)  
- de-humidification of buildings  
- erection of prefabricated, not self-manufactured, structural steel components for buildings

435 Specialised construction activities in civil engineering

4350 Specialised construction activities in civil engineering

**435000 Specialised construction activities in civil engineering**

This type includes:  
- construction activities specialising in one aspect common in civil engineering, requiring specialised skill or equipment:

- construction of foundations for civil engineering, including piledriving
- shaft sinking
- erection of steel elements for civil engineering projects
- installation of crash barriers, traffic signs, etc.

- erection of noise protection walls (e.g. along roads)  
- installation of street furniture  
- installation of prefabricated swimming pools  
- road painting and other marking of streets  
- erection of protective rock walls and installation of rockfall protection  
This type excludes:  
- surface work (e.g. paving of roads (asphalt, concrete, stone, etc.)), see 421100  
- construction of non-prefabricated swimming pools, see 429900

436 Intermediation service activities for specialised construction services

4360 Intermediation service activities for specialised construction services

**436000 Intermediation service activities for specialised construction services**

This type includes the intermediation for specialised construction services by bringing clients and service providers together for a fee or commission, without the intermediary providing the specialised construction services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, post, and so on). The fee or commission can be received from either the client or the provider of the specialised construction service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

439 Other specialised construction activities

4391 Masonry and bricklaying activities

**439100 Masonry and bricklaying activities**

This type includes:

- bricklaying, block laying, stone setting and other masonry works

4399 Other specialised construction activities n.e.c.

**439900 Other specialised construction activities n.e.c.**

This type includes:

- construction activities specialising in one aspect common to different kinds of structures, requiring specialised skill or equipment, n.e.c.:

- reinforcement steel bending activities, at the construction site
- scaffolds and work platform erecting and dismantling

- erection of construction site safety equipment

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

- rental of cranes and other building equipment which cannot be allocated to a specific construction type, with an operator

- repairing of reinforced concrete structures (e.g. beams, columns)

- erection of billboards or advertising columns

- concreting works

This type also includes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings

This type excludes:

- rental of scaffolds and work platforms, without erection and dismantling, see 773200

- rental of construction machinery and equipment without an operator, see 773200

## G

### WHOLESALE AND RETAIL TRADE

This section includes wholesale and retail sale (in other words, sale without transformation) of any type of physical goods and rendering services incidental to the sale of merchandise. Goods are physical, produced objects for which a demand exists, over which ownership rights can be established and whose ownership can be transferred from one unit to another by engaging in transactions on markets. This is consistent with the definitions and concepts applied in the balance of payments domain, the G20 Digital Economy Task Force, the Handbook on Measuring Digital Trade, and so on.

Wholesale and retail sale are the final steps in the distribution of merchandise. For this purpose, ancillary activities (see introductory guidelines, Chapter 2.4) are carried out, which include a number of usual operations (or manipulations) associated with trade, without transforming the goods. These operations (or manipulations) include, for example, sorting, grading and assembling of goods, mixing or blending of goods (for example, sand), bottling (with or without preceding bottle cleaning), packaging, breaking bulk and repacking for distribution in smaller lots, storage (whether or not frozen or chilled). If not carried out as usual operations (or manipulations) associated with trade, the mentioned activities can be carried out as principal, secondary or ancillary activities in other sections of NOGA.

The distinction between wholesale (division 46) and retail sale (division 47) is based on the type of customer.

Wholesale is the resale of new and used goods to retailers, business-to-business trade (for example, to industrial, commercial, institutional or professional users) or other wholesalers, or it 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, in other words, 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, agents, assemblers and buyers. If the wholesaler does not assume ownership of the goods the wholesaler trades, the wholesaler is classified in group 461. If the wholesaler assumes ownership of the goods, even if the wholesaler is acting on behalf of a third party, the wholesaler is classified in groups 462 to 469.

Wholesalers frequently physically assemble, sort and grade goods in large lots, break bulk, repack and redistribute in smaller lots (for example, for pharmaceuticals); store, refrigerate, deliver and install goods, engage in sales promotion for their customers and label design.

Retailing is the resale of new and used goods to final consumers for personal or household consumption or use, whatever the channel, in shops, department stores, stalls, mail order houses, door-to-door salespersons, hawkers, consumer cooperatives, auction houses, and so on. It includes the sale of goods via showrooms (where the exposed goods can

be bought), via ephemeral points of sale (for example, pop-up stores) as well as in automated retail shops.

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. If the retailer does not assume ownership of the goods the retailer trades, the retailer is classified in group 479. If the retailer assumes ownership of the goods, even if the retailer is acting on behalf of a third party, the retailer is classified in groups 471 to 478.

NOGA does not make any distinction at group and class level between in-store and online retail sale. Most of the retail sale activities operate both in-store and online (as well other distribution channels) and it is difficult to differentiate between the two distribution/sales channels based on the primary sales method. The share of in-store and online sales can vary over time affecting the stability of the classification. The main classification criteria for retail sale in NOGA is based on what is sold and not the sales channel.

Retailing via mail order or the internet is classified according to the type of goods sold.

The distinction between wholesale and retail sale is not based on the quantity of goods sold, as wholesale may be made on a unit basis, just as retail sales may be made on a bulk basis. Instead, the primary distinction between wholesale and retail sale is the type of customer. Wholesale usually involves business customers while retail usually involves final customers, such as households. If a trader sells to both business and final customers without distinction and it is practically impossible to distinguish the majority type of customers, then it is recommended to treat the seller as a retailer.

Blending of beverages to be provided by the manufacturer or by a contractor is classified in manufacturing (section C). If carried out as a usual operation (or manipulation) associated with trade, it is considered as an ancillary activity and integrated in section G.

This section also includes:

- transit trade activities consisting of buying commodities, moving them from one customs territory to another. Transit trade represents a triangular transaction in which the transit trader carries out export and import transactions

This section excludes:

- trade of electricity, see 351500
- trade of gaseous fuels for energy supply through mains, see 352300
- commerce of digital goods, streaming and downloading of contents on digital platforms (e.g. e-books, audio), see section J
- activities of resellers of pre-paid calling cards and services, see 612000
- repair of motor vehicles and motorcycles, see division 95
- cooperative associations; these are classified to their predominant activity

46

#### Wholesale trade

This division includes wholesale of physical goods on own account or on a fee or contract basis (commission trade) related to domestic (national) wholesale as well as international wholesale (import/export), including on the internet.

Wholesale on own account means owning the goods traded until the ownership is transferred to the buyer. In the case of transit trade, the goods are commissioned by a buyer, but the agent owns the goods while they are

in transit. However, both cases are classified the same way (groups 462 to 469).

This division includes wholesale on a fee or contract basis (group 461), specialised wholesale (groups 462 to 468) and non-specialised wholesale (group 469); class 4639 is an exception as it includes non-specialised wholesale of food, beverages and tobacco.

The rules for defining specialised and non-specialised wholesale activities are described in Chapter 3.3.6 of the introductory guidelines.

This division also includes:

- wholesale of motor vehicles and motorcycles, and related parts, equipment and accessories
- transit trade activities

This division excludes:

- trade of electricity, see 351500
- trade of gaseous fuels for energy supply through mains, see 352300
- rental and leasing of goods, see division 77
- packaging of solid goods and bottling of liquid or gaseous goods, including blending and filtering for third parties, see 829200

461 Wholesale on a fee or contract basis

This group includes intermediation service activities, in other words, the facilitation of transactions between sellers and buyers for the ordering of goods for a fee or commission without taking ownership of the goods intermediated, including:

- activities of commission agents, commodity brokers and other wholesalers trading on the account of others without owning the intermediated goods at any time
- activities of bringing sellers and buyers together
- activities of undertaking commercial transactions on the account of a principal, including on the internet

This group also includes:

- activities of central purchasing units if they are only intermediaries and do not own the goods
- activities of wholesale auctioneering houses for third-party goods, including internet wholesale auctions

This group excludes:

- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469
- intermediation service activities for retail sale, see 479
- intermediation service activities for real estate activities, see 683100
- operation of websites providing searches for goods that link customers to sellers, see the corresponding classes for intermediation service activities
- activities of advertising, market research and public relations, see division 73

4611 Activities of agents involved in the wholesale of agricultural raw materials, live animals, textile raw materials and semi-finished goods

461100 Activities of agents involved in the wholesale of agricultural raw materials, live animals, textile raw materials and semi-finished goods

This type includes:

- activities of agents involved in the wholesale of livestock feed
- activities of agents involved in wholesale auctions for fur skin

This type excludes:

- activities of agents involved in wholesale of food for pet animals, see 4617
- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469

4612 Activities of agents involved in the wholesale of fuels, ores, metals and industrial chemicals

461200 Activities of agents involved in the wholesale of fuels, ores, metals and industrial chemicals

This type includes the activities of agents involved in the wholesale of:

- fuels, ores, metals and industrial chemicals, including fertilisers

This type excludes:

- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469

4613 Activities of agents involved in the wholesale of timber and building materials

461300 Activities of agents involved in the wholesale of timber and building materials

This type also includes:

- activities of agents involved in the wholesale of:
  - prefabricated buildings and building equipment
  - pallets and wooden containers and their parts
  - sanitary equipment

This type excludes:

- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469

4614 Activities of agents involved in the wholesale of machinery, industrial equipment, ships and aircraft

461400 Activities of agents involved in the wholesale of machinery, industrial equipment, ships and aircraft

This type includes activities of agents involved in the wholesale of:

- machinery, including office machinery and computers, industrial equipment, ships and aircraft
- telephone and communication equipment, including mobile telephones, modems, etc.

This type also includes:

- activities of agents involved in the wholesale of agricultural equipment including tractors

- activities of agents involved in the wholesale of yachts and recreational boats

This type excludes:

- activities of commission agents for motor vehicles and motorcycles, see 4618
- activities of wholesale auctioneering houses for third-party goods of motor vehicles, including internet wholesale auctions of motor vehicles, see 4618
- wholesale on own account, see 462-469
- activities of commission agents who assumes ownership of the goods, even if they are acting in the name of a third party, see 462-469

4615 Activities of agents involved in the wholesale of furniture, household goods, hardware and ironmongery

461500 Activities of agents involved in the wholesale of furniture, household goods, hardware and ironmongery

This type excludes:

- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469

4616 Activities of agents involved in the wholesale of textiles, clothing, fur, footwear and leather goods

461600 Activities of agents involved in the wholesale of textiles, clothing, fur, footwear and leather goods

This type excludes:

- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469

4617 Activities of agents involved in the wholesale of food, beverages and tobacco

461700 Activities of agents involved in the wholesale of food, beverages and tobacco

This type includes:

- activities of agents involved in the wholesale of food supplements for human consumption

This type also includes:

- activities of agents involved in the wholesale of food for pets
- activities of agents involved in the wholesale of food supplements for animal consumption

This type excludes:

- wholesale on own account, see 462 to 469
- activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469

4618 Activities of agents involved in the wholesale of other particular products

- 461800** Activities of agents involved in the wholesale of other particular products  
 This type includes:
- activities of agents involved in the wholesale of pharmaceutical and medical goods, perfumery and toilet articles, and cleaning materials
  - activities of agents involved in the wholesale of games and toys, sports goods, bicycles, books, newspapers, magazines and stationery, musical instruments, watches, clocks and jewellery, and photographic and optical equipment
  - activities of agents involved in the wholesale of cars and light motor vehicles, lorries, trailers and semi-trailers, camping vehicles (e.g. caravans and motorhomes), motorcycles (including mopeds), motorised personal transport devices, and rolling stock; these motor vehicles include electric vehicles
  - activities of agents involved in the wholesale of motor vehicle parts and accessories, and parts and accessories for motorcycles, motorised personal transport devices, and rolling stock
  - activities of agents involved in the wholesale of waste
  - activities of wholesale auctioneering houses of third-party goods of motor vehicles, including internet wholesale auctions of motor vehicles
- This type excludes:
- wholesale on own account, see 462 to 469
  - activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469
  - activities of insurance agents, see 662200
  - activities of real estate agents, see 683100
- 4619 Activities of agents involved in non-specialised wholesale
- 461900** Activities of agents involved in non-specialised wholesale  
 This type excludes:
- wholesale on own account, see 462 to 469
  - activities of commission agents who assume ownership of the goods, even if they are acting in the name of a third party, see 462 to 469
  - activities of real estate agents, see 683100
  - activities of agents involved in the sale of services for goods (transport, insurance, advertising), see relevant NOGA classes according to that particular service
- 462 Wholesale of agricultural raw materials and live animals  
 This group excludes:
- activities of wholesalers who do not assume ownership of the goods they trade, see 461
- 4621 Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
- 462100** Wholesale of grain, unmanufactured tobacco, seeds and animal feeds  
 This type includes:
- wholesale of grains and seeds for planting

- wholesale of oleaginous fruits
- wholesale of unmanufactured tobacco
- wholesale of livestock feed and agricultural raw materials

This type excludes:

- wholesale of seeds of flowers and plants, see 462200
- wholesale of food for pets, see 463800
- wholesale of fertilisers and agrochemical products, see 468500
- wholesale of textile fibres, see 468600

4622 Wholesale of flowers and plants

**462200 Wholesale of flowers and plants**

This type includes:

- wholesale of flowers, plants and bulbs
- wholesale of seeds of flowers and plants

4623 Wholesale of live animals

**462300 Wholesale of live animals**

This type includes:

- wholesale of pets

4624 Wholesale of hides, skins and leather

**462400 Wholesale of hides, skins and leather**

This type includes:

- wholesale of leather, raw and processed hides and fur skins

This type excludes:

- activities of agents involved in wholesale auctions for fur skin, see 461100

463 Wholesale of food, beverages and tobacco

This group includes:

- wholesale of fresh, preserved and frozen food
- specialised and non-specialised wholesale of food, beverages and tobacco

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461

4631 Wholesale of fruit and vegetables

**463100 Wholesale of fruit and vegetables**

This type includes:

- wholesale of fresh fruits and vegetables
- wholesale of legumes
- wholesale of dried fruits and vegetables
- wholesale of preserved fruits and vegetables
- wholesale of frozen fruits and vegetables

This type also includes:

- wholesale of mushrooms

This type excludes:

- wholesale of fruit and vegetable juices, see 463402
- wholesale of ready-made meals, see 463800

4632 Wholesale of meat, meat products, fish and fish products

463200 Wholesale of meat, meat products, fish and fish products

This type includes:

- wholesale of meat and meat products
- wholesale of poultry and game
- wholesale of fish and fish products
- wholesale of seafood

This type also includes:

- wholesale of tripe, delicatessen (charcuterie), salted meat
- wholesale of snails
- wholesale of algae and seaweed

This type excludes:

- wholesale of livestock feed, see 462100
- wholesale of ready-made meals, see 463800
- wholesale of food for pets, see 463800

4633 Wholesale of dairy products, eggs and edible oils and fats

463300 Wholesale of dairy products, eggs and edible oils and fats

This type includes:

- wholesale of dairy products
- wholesale of eggs and egg products
- wholesale of edible oils and fats of animal or vegetable origin

This type also includes:

- wholesale of powdered milk
- wholesale of ice creams and sorbets

4634 Wholesale of beverages

463401 Wholesale of wines and spirits

This type includes:

- wholesale of predominantly alcoholic beverages (wine, beer, brandy, cider, liquor, etc)
- wholesale of prepared alcoholic beverages in cans or bottles

This type also includes:

- buying of wine in bulk and bottling without transformation

This type excludes:

- blending of wine or distilled spirits (in order to make a new product), see 110100, 110200 110700

463402 Wholesale of other beverages

This type includes:

- wholesale of predominantly non-alcoholic beverages (mineral water, fruit and vegetable juice, non-alcoholic beer, etc.)
  - wholesale of prepared non-alcoholic beverages in cans or bottles
- This type excludes:
- blending of wine or distilled spirits (in order to make a new product), see 110100, 110200 110700

4635 Wholesale of tobacco products

463500 Wholesale of tobacco products

This type includes:

- wholesale of tobacco and smoking products and accessories, including lighters, pipes, cigarette rolling equipment, etc.

This type also includes:

- wholesale of electronic cigarettes (vapes)

This type excludes:

- wholesale of e-liquids for electronic cigarettes, see 468500

4636 Wholesale of sugar, chocolate and sugar confectionery

463600 Wholesale of sugar, chocolate and sugar confectionery

This type includes:

- wholesale of sugar, including sugar cubes, molasses, sugar confectionery and chocolate
- wholesale of bakery products

This type excludes:

- wholesale of ice cream, see 463300

4637 Wholesale of coffee, tea, cocoa and spices

463700 Wholesale of coffee, tea, cocoa and spices

This type excludes:

- processing of tea and coffee, see 108300
- wholesale of prepared beverages in cans or bottles, see 4634

4638 Wholesale of other food

463800 Wholesale of other food

This type includes other specialised wholesale of food not already classified in the previous classes 4631 to 4637 (e.g. wholesale of salt, vinegar, flour, yeast, honey).

This type also includes:

- wholesale of ready-made meals
- wholesale of homogenised food preparations and dietetic food
- wholesale of food for pets
- wholesale of food supplements for human consumption
- wholesale of insects (e.g. crickets) which are pro

This type excludes:

- wholesale of livestock feeds, see 462100

4639 Non-specialised wholesale of food, beverages and tobacco

**463900 Non-specialised wholesale of food, beverages and tobacco**

This type includes the wholesale of food, beverages and tobacco products sold in five or more classes of group 463. If the products sold comprise up to four classes in group 463, the unit is considered a specialised trade and is classified, following the principal activity defined on the basis of its value added, in classes 4631 to 4638.

464 Wholesale of household goods

This group includes the wholesale of household goods, including textiles and furniture.

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461
- wholesale of garden and landscaping equipment (e.g. lawn mowers), see 466100

4641 Wholesale of textiles

**464100 Wholesale of textiles**

This type includes:

- wholesale of yarn
- wholesale of fabrics
- wholesale of household linen, etc.
- wholesale of haberdashery: needles, sewing thread, etc.
- wholesale of parasols, tarpaulins, sails, parachutes, etc.

This type excludes:

- wholesale of clothing, see 464201
- wholesale of tents and sleeping bags, see 464903
- wholesale of textile fibres, see 468600

4642 Wholesale of clothing and footwear

**464201 Wholesale of clothing**

This type includes:

- wholesale of clothing, including sports clothes
- wholesale of clothing accessories (e.g. gloves, ties and braces)
- wholesale of fur articles
- wholesale of umbrellas

This type also includes:

- wholesale of work clothes, uniforms, costumes

This type excludes:

- wholesale of jewellery, see 464802
- wholesale of leather goods, excluding clothing and footwear, see 464909
- wholesale of protective gear for motorcyclists, see 467300

464202	Wholesale of footwear
	This type includes:
	- wholesale of footwear, including non-specialised sports footwear
	This type excludes:
	- wholesale of specialised sports footwear only used in the practice of a sport (e.g. ski boots, football shoes, skates, ballet shoes), see 464903
4643	Wholesale of electrical household appliances
464300	Wholesale of electrical household appliances
	This type includes:
	- wholesale of electrical household appliances
	- wholesale of radio and television equipment
	- wholesale of photographic and optical goods except corrective glasses, lenses and sunglasses
	- wholesale of electrical heating and cooling appliances
	- wholesale of heating equipment using renewable resources
	- wholesale of heating, ventilation and air conditioning equipment
	- wholesale of sewing machines of household-type
	- wholesale of safety systems and alarms
	This type excludes:
	- wholesale of corrective glasses, lenses and sunglasses, see 464602
	- wholesale of recorded media, see 464901
	- wholesale of recordable media, see 465000
	- wholesale of sewing machines other than household-type, see 466400
	- wholesale of hardware, plumbing and heating equipment and supplies, see 468400
	- wholesale of heating, ventilation and air-conditioning equipment for non-domestic use, see 468400
4644	Wholesale of china and glassware and cleaning materials
464400	Wholesale of china and glassware and cleaning materials
	This type includes:
	- wholesale of china and glassware
	- wholesale of cleaning materials
	- wholesale of household utensils, crockery and pottery
	This type excludes:
	- wholesale of saucepans and pans, see 464909
4645	Wholesale of perfume and cosmetics
464500	Wholesale of perfume and cosmetics
	This type includes:
	- wholesale of perfumes, cosmetics, soaps and toilet paper
4646	Wholesale of pharmaceutical and medical goods

- 464601 Wholesale of pharmaceutical goods**  
 This type includes:  
 - wholesale of pharmaceutical and medical goods  
 - wholesale of veterinary medicines  
 This type excludes:  
 - wholesale of health foods and diet products, see 463800
- 464602 Wholesale of medical, surgical and orthopaedic goods**  
 This type includes:  
 - wholesale of laboratory equipment  
 - wholesale of medical and surgical instruments  
 - wholesale of corrective glasses, lenses and sunglasses  
 - wholesale of orthopaedic goods  
 - wholesale of hospital equipment  
 This type also includes:  
 - wholesale of non-corrective sunglasses  
 This type excludes:  
 - wholesale of furniture for medical facilities and hospitals, see 464700
- 4647 Wholesale of household, office and shop furniture, carpets and lighting equipment
- 464700 Wholesale of household, office and shop furniture, carpets and lighting equipment**  
 This type includes:  
 - wholesale of furniture  
 - wholesale of carpets  
 - wholesale of lighting equipment  
 - wholesale of mattresses and box springs  
 This type also includes:  
 - wholesale of furniture for warehouses, churches, medical facilities and hospitals, etc.
- 4648 Wholesale of watches and jewellery
- 464801 Wholesale of watches**  
 This type includes:  
 - wholesale of watches, clocks and components
- 464802 Wholesale of jewellery**  
 This type includes:  
 - wholesale of jewellery, pearls, precious stones, etc.  
 This type also includes:  
 - wholesale of processed precious, natural, synthetic or reconstructed stones  
 This type excludes:  
 - wholesale of imitation jewellery, see 464909  
 - wholesale of raw precious stones, see 468600  
 - wholesale of unworked synthetic or reconstructed precious or semi-precious stones, see 468600

4649 Wholesale of other household goods

**464901 Wholesale of stationery, books and newspapers**

This type includes:

- wholesale of stationery, books, magazines and newspapers
- wholesale of recorded media

**464902 Wholesale of games and toys**

This type includes:

- wholesale of games and toys, including party and magic items

This type also includes:

- wholesale of tricycles, pedal car

**464903 Wholesale of sports goods**

This type includes:

- wholesale of bicycles, electric bicycles, monowheels, hoverboards, kickscooters, including related parts and accessories
- wholesale of sports goods, including special sports footwear, e.g. ski boots, football shoes, skates, ballet shoes
- wholesale of recreational boats

This type also includes:

- wholesale of sporting weapons (firearms not included)
- wholesale of tents and sleeping bags

This type excludes:

- wholesale of sports clothing, see 464201
- wholesale of weapons and ammunition, see 466400

**464909 Wholesale of other household goods n.e.c.**

This type includes:

- wholesale of woodenware, wickerwork and corkware, etc.
- wholesale of leather goods, excluding clothing and footwear, and travel accessories
- wholesale of medals and sports cups
- wholesale of musical instruments and scores
- wholesale of baby equipment (e.g. baby carriages, pushchairs, baby walkers, baby carriers, baby car seats)

This type also includes:

- wholesale of promotional items
- wholesale of saucepans and pans
- wholesale of cutlery
- wholesale of imitation jewellery

This type excludes:

- wholesale of electronic cigarettes (vapes), see 463500
- wholesale of disguises, see 464201
- wholesale of e-liquids for electronic cigarettes, see 468500

**465 Wholesale of information and communication equipment**

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461

4650 Wholesale of information and communication equipment

**465000 Wholesale of information and communication equipment**

This type includes the wholesale of information and communication technology (ICT) equipment.

This type includes:

- wholesale of computers, computer peripheral equipment and parts
- wholesale of smart boards
- wholesale of non-customised software, including video games, provided on physical media, with a right to perpetual use
- wholesale of electronic valves and tubes
- wholesale of semiconductor devices
- wholesale of microchips and integrated circuits
- wholesale of printed circuits
- wholesale of recordable media
- wholesale of telephone and communication equipment (e.g. mobile telephones, modems)
- wholesale of office machinery and equipment

This type excludes:

- wholesale of recorded media, see 464901
- wholesale of machines for additive manufacturing (3D printers, etc.), see 466400
- publishing activities, see division 58

466 Wholesale of other machinery, equipment and supplies

This group includes the wholesale of specialised machinery, equipment and supplies for all kinds of industries and general purpose machinery, and parts thereof.

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461

4661 Wholesale of agricultural machinery, equipment and supplies

**466100 Wholesale of agricultural machinery, equipment and supplies**

This type includes:

- wholesale of agricultural and forestry machinery and equipment:
  - ploughs, manure spreaders, seeders
  - harvesters
  - threshers
  - milking machines
  - poultry-keeping machines, bee-keeping equipment
  - agricultural and forestry tractors

This type also includes:

- wholesale of garden and landscaping equipment (e.g. lawn mowers)

This type excludes:

- wholesale of livestock feed, see 462100
- wholesale of fertilisers and agrochemical products, see 468500

4662 Wholesale of machine tools

**466200 Wholesale of machine tools**

This type includes:

- wholesale of machine tools of any type and for any material

This type also includes:

- wholesale of computer-controlled machine tools

4663 Wholesale of mining, construction and civil engineering machinery

**466300 Wholesale of mining, construction and civil engineering machinery**

This type includes:

- wholesale of mining, construction and civil engineering machinery and equipment (e.g. excavating machines)

This type excludes:

- wholesale of scaffolding, see 468302

- wholesale of hand tools, hardware, plumbing and heating equipment and supplies, see 468400

4664 Wholesale of other machinery and equipment

**466400 Wholesale of other machinery and equipment**

This type includes:

- wholesale of machinery for the textile industry and of sewing and knitting machines

- wholesale of robots for production lines

- wholesale of machinery for the food, beverages and tobacco industry

- wholesale of transport equipment (e.g. locomotives, wagons), except motor vehicles, motorcycles and bicycles

- wholesale of ships and boats

- wholesale of armoured vehicles

- wholesale of aircraft, drones and unmanned aircraft systems

- wholesale of equipment for fish farming

- wholesale of attractions for amusement and theme parks (e.g. mechanical rides)

- wholesale of equipment for hairdressers, gyms, solariums and beauty centres

- wholesale of event technology equipment for events, fairs and exhibitions

- wholesale of other machinery n.e.c. for use in industry, trade and navigation and other services

- wholesale of other electrical material (e.g. electrical motors, transformers)

- wholesale of batteries and accumulators for domestic use

- wholesale of wires and switches and other installation equipment

- wholesale of photovoltaic panels

- wholesale of weapons, weapon systems and ammunition

- wholesale of box pallets

- wholesale of reservoirs, tanks, vats and similar containers, capacity exceeding 300 litres, of plastics and for industrial use

This type also includes:

- wholesale of measuring instruments and equipment
- wholesale of machines for additive manufacturing (3D printers, etc.)

This type excludes:

- wholesale of sewing machines household-type, see 464300
- wholesale of non household-type medical equipment, see 464602
- wholesale of recreational boats, see 464903
- wholesale of bicycles, see 464903
- wholesale of mining, construction and civil engineering machinery, see 466300
- wholesale of motor vehicles (including trailers and caravans), see 4671
- wholesale of motor vehicle parts, see 467200
- wholesale of batteries and accumulators for motor vehicles, see 467200
- wholesale of motorcycles, see 467300
- wholesale of scaffolding, see 468302
- maintenance and repair of motor vehicles, see 9531
- maintenance and repair of motorcycles, see 953200

467 Wholesale of motor vehicles, motorcycles and related parts and accessories

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461
- maintenance and repair of motor vehicles, see 9531
- maintenance and repair of motorcycles, see 9532

4671 Wholesale of motor vehicles

467101 Wholesale of motor vehicles (< 3.5 t)

This type includes:

- wholesale of new and used motor vehicles, including electric vehicles, with a weight not exceeding 3.5 tons:
  - passenger motor vehicles, including specialised passenger motor vehicles (e.g. ambulances and minibuses)
  - camping vehicles (e.g. caravans, motorhomes)

This type also includes:

- wholesale of off-road motor vehicles with a weight not exceeding 3.5 tons

This type excludes:

- activities of agents involved in the wholesale of cars and light motor vehicles, see 461800
- wholesale of electric bicycles and their related parts and accessories, see 464903
- wholesale of motorised transport equipment (e.g. ships, yachts, planes, trains), see 466400
- wholesale of parts and accessories for motor vehicles, see 467200
- on-demand passenger transport service activities by vehicle with a driver, see 493300
- rental and leasing of cars and light motor vehicles without a driver, see 771100
- maintenance and repair of motor vehicles, see 9531

467102 Wholesale of motor vehicles (> 3.5 t)

This type includes:

- wholesale of new and used motor vehicles, including electrical vehicles, with a weight exceeding 3.5 tons

- lorries, trailers and semi-trailers
- passenger motor vehicles
- camping vehicles (e.g. caravans, motorhomes)

This type also includes:

- wholesale off-road motor vehicles with a weight exceeding 3.5 tons

This type excludes:

- wholesale of motorised transport equipment (e.g. ships, yachts, planes, trains), see 466400

- wholesale of parts and accessories for motor vehicles, see 467200

- maintenance and repair of motor vehicles, see 9531

4672 Wholesale of motor vehicle parts and accessories

467200 Wholesale of motor vehicle parts and accessories

This type includes:

- wholesale of new and used motor vehicle parts, equipment and related accessories like tyres, etc.

- wholesale of batteries and accumulators for motor vehicles

This type excludes:

- activities of agents involved in the wholesale of cars and light motor vehicles parts and accessories, see 461800

- wholesale of boats, planes, trains, including parts and accessories, see 466400

4673 Wholesale of motorcycles, motorcycle parts and accessories

467300 Wholesale of motorcycles, motorcycle parts and accessories

This type includes:

- wholesale of new and used motorcycles, including mopeds

- wholesale of parts and accessories for motorcycles

- wholesale of protective gear for motorcyclists

This type excludes:

- activities of commission agents specialised in the wholesale of motorcycles, see 461800

- wholesale of bicycles, electric bicycles and their related parts and accessories, see 464903

- rental of motorcycles, see 771100

- repair and maintenance of motorcycles, see 953200

468 Other specialised wholesale

This group includes:

- other specialised wholesale activities not classified in groups 462-467 of this division.

- the wholesale of intermediate products, except agricultural, typically not for household use

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461
- wholesale of batteries and accumulators not for motor vehicles, see 466400
- non-specialised wholesale, see 469

4681 Wholesale of solid, liquid and gaseous fuels and related products

**468101 Wholesale of solid fuels and related products**

This type includes:

- wholesale of solid fuels and related products :
  - charcoal, coal, coke, fuel wood, pellets of wood or biomass, naphtha

**468102 Wholesale of liquid and gaseous fuels**

This type includes:

- wholesale of liquid and gaseous fuels and related products :
  - liquefied petroleum gas (LPG), liquefied natural gas (LNG), butane and propane gas and their related bio and renewable forms, in blending or pure
  - crude petroleum, crude oil, diesel fuel, gasoline, fuel oil, heating oil, kerosene, biofuels, recycled carbon fuels, synthetic fuels, in blending or pure
  - lubricating oils and greases, refined petroleum products

This type excludes:

- wholesale of hydrogen, see 468500

4682 Wholesale of metals and metal ores

**468201 Wholesale of metals**

This type includes:

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

This type also includes:

- wholesale of steel sheets on own account, including usual cutting operations associated with trade, which do not include the production of new goods
- wholesale of gold and other precious metals, purchased from households or ent

This type excludes:

- wholesale of metal scrap, see 468700
- gold bullion sales, see section L

**468202 Wholesale of metal ores**

This type includes:

- wholesale of ferrous and non-ferrous metal ores
- wholesale of metal ores

4683 Wholesale of wood, construction materials and sanitary equipment

**468301 Wholesale of wood and wooden building components**

This type includes:

- wholesale of wood in the rough
- wholesale of products of primary processing of wood
- wholesale of pallets, other load boards of wood and barrels
- wholesale of raw and assembled wood flooring
- wholesale of wooden windows, doors and shutters

**468302 Wholesale of construction materials**

This type includes:

- wholesale of construction materials:
  - sand, gravel, cement, bricks, etc.
- wholesale of scaffolding
- wholesale of wallpaper and floor coverings (e.g. laminate, tiles, vinyl flooring)
- wholesale of plastic and metal windows and doors
- wholesale of building components of concrete, plaster, etc.

This type also includes:

- wholesale of used marble bricks, steps, roof tiles
- wholesale of street furniture, i.e. benches, traffic barriers, bollards, streetlamps, traffic lights, traffic signs, bus and tram stops
- wholesale of prefabricated buildings

**468303 Wholesale of flat glass, sanitary ware, paints and varnishes**

This type includes:

- wholesale of flat glass (window glass, safety glass, insulating glass, mirrors, etc.)
- wholesale of paints, varnishes and lacquers
- wholesale of sanitary equipment:
  - baths, washbasins, toilets and other sanitary porcelain

**4684 Wholesale of hardware, plumbing and heating equipment and supplies**

**468400 Wholesale of hardware, plumbing and heating equipment and supplies**

This type includes:

- wholesale of ironware and similar household hardware
- wholesale of fittings
- wholesale of hot water heaters, radiators and boilers
- wholesale of sanitary installation equipment:
  - tubes, pipes, fittings, taps, T-pieces, connections, rubber pipes, etc.
- wholesale of tools (e.g. hammers, saws, screwdrivers and other hand tools, including power hand tools)
- wholesale of heating, ventilation and air conditioning equipment, for non-domestic use

This type excludes:

- wholesale of heating, ventilation and air conditioning equipment, for domestic use, see 464300

- wholesale of mining, construction and civil engineering machinery, see 466300
- wholesale of sanitary equipment, see 468303

4685 Wholesale of chemical products

**468500 Wholesale of chemical products**

This type includes:

- wholesale of industrial chemicals (e.g. aniline, essential oils, chemical glues, methanol, paraffin, scents and flavourings, soda, industrial salt, acids and sulphurs, starch derivatives, industrial gases, dyes and pigments, other organic and inorganic basic chemicals, glazes, printing inks and adhesives)
- wholesale of explosives and pyrotechnic products
- wholesale of fertilisers and agrochemical products
- wholesale of hydrogen

This type also includes:

- wholesale of e-liquids for electronic cigarettes

This type excludes:

- sale of gaseous fuels through mains on the account of others, see 354000

4686 Wholesale of other intermediate products

**468600 Wholesale of other intermediate products**

This type includes:

- wholesale of plastic materials in primary forms
- wholesale of rubber
- wholesale of textile fibres
- wholesale of packaging articles
- wholesale of raw precious stones
- wholesale of unworked synthetic or reconstructed precious or semi-precious stones
- wholesale of non-metallic ores
- wholesale of paper in bulk and of paper pulp

This type excludes:

- wholesale of agricultural raw products, see 462100
- wholesale of processed precious stones, see 464802
- wholesale of stationery, see 464901

4687 Wholesale of waste and scrap

**468700 Wholesale of waste and scrap**

This type includes:

- wholesale of metal and non-metal waste and scrap and materials for recycling, including collecting, sorting, separating, stripping of used goods (e.g. cars in order to obtain reusable parts), packing and repacking, storage and delivery, but without a transformation process. Additionally, the purchased and sold waste has a remaining value

- wholesale of usable goods (metal, plastics), following the dismantling of cars, computers, televisions and other equipment on own account by the unit without further transformation of the goods

- wholesale of car wrecks

This type excludes:

- collection of household and industrial waste, see 381

- processing of waste and scrap and other articles into secondary raw materials when a transformation process is required (the resulting secondary raw material is fit for direct use in an industrial manufacturing process, but is not a final product), see 382100

- dismantling of unusable automobiles, computers, televisions and other equipment and parts for materials recovery, see 382100

- ship-breaking, see 382100

- shredding of cars by means of a mechanical process, see 382100

- treatment of waste for disposal without recovery, see 383

- retail sale of second-hand goods, see 477902

4689 Other specialised wholesale n.e.c.

468900 Other specialised wholesale n.e.c.

This type includes other specialised wholesale activities not classified in other classes of this division.

469 Non-specialised wholesale trade

This group excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461

4690 Non-specialised wholesale trade

469000 Non-specialised wholesale trade

This type includes:

- wholesale of a variety of goods without any particular specialisation

This type excludes:

- activities of wholesalers who do not assume ownership of the goods they trade, see 461

47 Retail trade

This division includes the resale (sale without transformation or after minor alterations or usual handling, for example reconditioning) of new and used physical goods to the general public for personal or household consumption or use, by shops, department stores, consumer cooperative, stalls, mail order houses, the internet, door-to-door salespersons, hawkers, vending machines, and so on.

This division includes the retail sale of new and used motor vehicles and motorcycles, including electric vehicles.

The classification of retail sale activities is done based on traded goods and not according to the way of selling (in-store, online, via stalls and markets, and so on). Retail sale activities are divided into specialised retail sale

activities (groups 472 to 478) and non-specialised retail sale activities (group 471).

Retail sale includes the retail sale of second-hand goods (class 4779). The above groups are further subdivided by the range of products sold.

Activities of intermediation in retail sale, which facilitate transactions between buyers and sellers for the ordering and/or delivering of goods for a fee or commission, without taking ownership of the goods, are classified in group 479. All other retail sale activities, even if the retailer is acting on behalf of a third party, are classified in groups 471 to 478.

The goods sold in this division are limited to goods usually referred to as consumer goods or retail goods. Therefore, goods not normally entering retail sale (for example, cereal grains, ores, industrial machinery) are excluded. Downloads (for example, books, videos) are also excluded.

The rules for defining specialised and non-specialised retail sale activities are described in Chapter 3.3.6 of the introductory guidelines.

This division also includes the retail sale of goods sold primarily to the general public from displayed merchandise (for example, personal computers, stationery, paint or timber), although these products may not be for personal or household use. Handling

This division excludes:

- sale of farmers' products by farmers, see division 01
- manufacture and sale of goods, which is generally classified as manufacturing in divisions 10 to 32
- trade in cereal grains, ores, crude petroleum, industrial chemicals, iron and steel and industrial machinery and equipment, see division 46
- sale of food and drinks for consumption on the premises and sale of takeaway food, see division 56
- the commerce of digital goods, streaming and downloading of contents on digital platforms (e.g. e-books, audio) are included in section J
- rental and leasing of motor vehicles or motorcycles, see 771
- rental and leasing of personal and household goods to the general public, see 772

471 Non-specialised retail sale

This group includes the retail sale of a variety of product lines in the same unit (non-specialised sale, for example, supermarkets, hypermarkets, department stores).

This group excludes:

- specialised retail sale, see 472 to 478
- intermediation services for specialised and not specialised retail sale, see 479

4711 Non-specialised retail sale of predominately food, beverages or tobacco

This class includes:

- retail sale of a large variety of goods (e.g. wearing apparel, furniture, appliances, hardware, cosmetics) among which, however, food products, beverages or tobacco should be predominant

This class excludes:

- retail sale of fuel, in combination with food, beverages, products for the maintenance of vehicles, car washing services, etc. where the sale of fuel is predominant, see 473002

471101	<p>Large supermarkets (&gt;1000 m2)</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- non specialised retail sale with food predominance, on shops with a sales surface over 1000 m2</li> </ul>
471102	<p>Small supermarkets (400-999 m2)</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- non specialised retail sale with food predominance, on shops with a sales surface ranging between 400 and 999 m2</li> </ul>
471103	<p>Large stores (100-399 m2)</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- non specialised retail sale with food predominance, on shops with a sales surface ranging between 100 and 399 m2</li> </ul>
471104	<p>Small stores (&lt; 100 m2)</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- non specialised retail sale with food predominance, on shops with a sales surface of less than 100m2</li> </ul>
4712	Other non-specialised retail sale
471200	<p>Other non-specialised retail sale</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- retail sale of a large variety of goods (e.g. wearing apparel, furniture, appliances, hardware, cosmetics, jewellery, toys, sports goods) of which food products, beverages or tobacco are not predominant</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- non-specialised retail sale of second-hand goods, see 477902</li> </ul>
472	<p>Retail sale of food, beverages and tobacco</p> <p>This group excludes food and beverage processing and manufacturing activities, see divisions 10 and 11.</p>
4721	Retail sale of fruit and vegetables
472100	<p>Retail sale of fruit and vegetables</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- retail sale of fresh fruits and vegetables, including cut fresh fruits and vegetables</li> <li>- retail sale of dried and preserved fruits and vegetables</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- retail sale of fruit and vegetable juices, see 472500</li> </ul>
4722	Retail sale of meat and meat products
472200	<p>Retail sale of meat and meat products</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- retail sale of meat and meat products, including poultry and game</li> </ul>

- retail sale of tripe, delicatessen (charcuterie), salted meat

This type also includes:

- retail sale of snails

4723 Retail sale of fish, crustaceans and molluscs

472300 Retail sale of fish, crustaceans and molluscs

This type includes:

- retail sale of fish, seafood, seafood products and preparations thereof

This type also includes:

- retail sale of algae and seaweed

4724 Retail sale of bread, cake and confectionery

472400 Retail sale of bread, cake and confectionery

This type also includes:

- retail sale of bread and rolls baked on the premises from pre-baked products

- retail sale by automatic machines of ready-to-eat bread prepared by the machine itself

This type excludes:

- manufacture of bread, fresh pastry goods and cakes, see 107100

4725 Retail sale of beverages

472500 Retail sale of beverages

This type includes:

- retail sale of alcoholic and non-alcoholic beverages, not for consumption or manufactured on the premises

This type also includes:

- retail sale of fruit and vegetable juices

This type excludes:

- sale of beverages for consumption on the premises, see 563001

4726 Retail sale of tobacco products

472600 Retail sale of tobacco products

This type includes:

- retail sale of tobacco in any form (e.g. cigarettes, cigars, pipe tobacco, chewing tobacco)

- retail sale of tobacco and smoking products and accessories, including lighters, pipes, cigarette rolling equipment, etc.

This type also includes:

- retail sale of electronic cigarettes (vapes) and e-liquids used in vaping devices

4727 Retail sale of other food

**472700 Retail sale of other food**  
This type includes the retail sale of food products not elsewhere classified. The retail sale of organically labelled foods, regional foods, and so on, is included in classes 4721 to 4727, depending on the product sold.  
This type includes:  
- retail sale of dairy products, including milk and cheese preparations, and eggs  
- retail sale of coffee, tea, oils, flour, sugar, pasta, etc.  
- retail sale of other food products n.e.c.  
This type also includes:  
- retail sale of ready-made meals, except for immediate consumption on the spot  
- retail sale of food supplements for human consumption (e.g. dietary supplements, diet products)  
This type excludes:  
- retail sale of ready-made meals for immediate consumption on the spot, see 561

473 Retail sale of automotive fuel

4730 Retail sale of automotive fuel

**473001 Retail sale of automotive fuel without shop**  
This type includes:  
- retail sale of fuels, whether fossil or carbon-free fuels, for motor vehicles and motorcycles  
This type also includes:  
- retail sale of petrol in combination with electro fuels (e-fuels), if the sale of electro fuels is not predominant  
- retail sale of hydrogen for motor vehicles and motorcycles  
This type excludes:  
- operation of charging facilities for electric vehicles, e.g. electric cars, motorcycles, scooters, bicycles, see 351500  
- wholesale of fuels, see 4681  
- retail sale of fuel, in combination with food, beverages, etc., see 473002  
- retail sale of liquefied petroleum gas (LPG) for cooking or heating, see 477800

**473002 Retail sale of automotive fuel with shop**  
This type includes:  
- retail sale of fuel, in combination with food, beverages, products for the maintenance of vehicles, car washing services, etc. where the sale of fuel is predominant  
This type also includes:  
- retail sale of lubricating products and cooling products for motor vehicles  
This type excludes:  
- retail sale of motor vehicle parts and accessories, see 478200  
- retail sale of motorcycles and motorcycle parts and accessories, see 478300

474 Retail sale of information and communication equipment  
This group excludes:  
- streaming and downloading of contents on digital platforms, see section J

4740 Retail sale of information and communication equipment

**474000 Retail sale of information and communication equipment**

This type includes the retail sale of information and communication technology (ICT) equipment.

This type includes:

- retail sale of computers
- retail sale of computer peripheral equipment (e.g. printers, photocopiers, interactive whiteboards, videoconferencing equipment)
- retail sale of video game consoles
- retail sale of non-customised software, including video games, provided on physical media, with a right to perpetual use
- retail sale of audio and video equipment
- retail sale of radio and television equipment
- retail sale of recordable media
- retail sale of recording media players and recorders
- retail sale of smart telephones, mobile telephones, telephones and their accessories (e.g. chargers, hands-free kits, protective film and cases)

This type also includes:

- refilling of ink and toner cartridges by retail sellers

This type excludes:

- retail sale of photographic, optical and precision equipment (e.g. digital cameras), see 477800
- second-hand retail sale of information and communication equipment, see 477902
- distribution of e-books and audiobooks via streaming and downloading by book publishers, see 581100
- distribution via streaming and downloading by video game publishers, see 582100
- distribution via streaming and downloading by video/film publishers, see 591300
- distribution via streaming and downloading by audio publishers, see 592000

475 Retail sale of other household equipment  
This group includes the specialised retail sale of household equipment (for example, textiles, hardware, carpets, electrical appliances, furniture).

This group excludes:

- retail sale of audio and video equipment, see 474000
- retail sale of second-hand of household equipment, see 477902

4751 Retail sale of textiles

**475100 Retail sale of textiles**

This type includes:

- 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 tarpaulins

This type also includes:

- retail sale of bed linen

This type excludes:

- retail sale of curtains and net curtains, see 475300
- retail sale of parasols, see 475500
- retail sale of clothing, see 4771

4752 Retail sale of hardware, building materials, paints and glass

475200 Retail sale of hardware, building materials, paints and glass

This type includes:

- retail sale of hardware
- retail sale of paints, varnishes and lacquers
- retail sale of solvents, white spirit and similar products
- retail sale of flat glass
- retail sale of other building material (e.g. bricks, tiles, breeze blocks, wood, floorboards, insulation material)
- retail sale of sanitary and heating equipment
- retail sale of do-it-yourself material, electrical and plumbing material and equipment
- retail sale of tools (e.g. hammers, saws, screwdrivers and other hand tools, including power hand tools)
- retail sale of renewable energy materials (e.g. non-electric solar collectors and photovoltaic panels, without installation)
- retail sale of electrical or electronic fire alarms, fire extinguishers, emergency blocks, smoke extraction systems, safes and vaults, without installation or maintenance services
- retail sale of doors, windows and shutters (of any material)

This type also includes:

- retail sale of garden and landscaping equipment (e.g. lawnmowers)
- retail sale of saunas, swimming pools and spas, including in kits, etc., without installation

This type excludes:

- installation of photovoltaic panels not connected to a building, see 422200
- installation of photovoltaic panels connected to a building, see 432100
- retail sale of wall or floor coverings (e.g. wallpaper, tiles, laminates, vinyl flooring), see 475300
- retail sale of carpets and rugs, see 475300

4753 Retail sale of carpets, rugs, wall and floor coverings

475300 Retail sale of carpets, rugs, wall and floor coverings

This type includes:

- retail sale of carpets and rugs

- retail sale of curtains and net curtains
- retail sale of wall or floor coverings (e.g. wallpaper, tiles, laminates and vinyl flooring)

4754 Retail sale of electrical household appliances

**475400 Retail sale of electrical household appliances**

This type includes the retail sale of electrical household appliances.

This type excludes:

- retail sale of audio and video equipment, see 474000
- retail sale of lawnmowers, see 475200
- retail sale of power hand tools, see 475200

4755 Retail sale of furniture, lighting equipment, tableware and other household goods

**475500 Retail sale of furniture, lighting equipment, tableware and other household goods**

This type includes:

- retail sale of furniture, including mattresses and box springs
- retail sale of articles for lighting
- retail sale of household utensils, cutlery, crockery, glassware, tableware, china and pottery
- retail sale of wooden, cork and wickerwork goods
- retail sale of non-electrical household appliances
- retail sale of solar-powered household appliances
- retail sale of parasols
- retail sale of household articles and equipment n.e.c.

This type also includes:

- retail sale of baby equipment (e.g. baby carriages, pushchairs, baby walkers, baby carriers, baby car seats)
- retail sale of sails, except of boat sails

This type excludes:

- installation of electrical systems (e.g. security alarm systems and fire alarms), see 432100
- retail sale of electrical or electronic fire alarms, security systems, safes, see 475200
- retail sale of photovoltaic panels without installation, see 475200
- retail sale of cork floor tiles, see 475300
- retail sale of curtains and net curtains, see 475300
- retail sale of musical instruments and scores, see 476900
- retail sale of antiques, see 477901
- retail sale of second-hand furniture, see 477902

476 Retail sale of cultural and recreation goods

This group includes the specialised retail sale of cultural and recreation goods (for example, books, newspapers, audio and video recordings on physical media, sports equipment, games and toys).

4761 Retail sale of books

- 476100 Retail sale of books**  
 This type includes:  
 - retail sale of books, including audiobooks on physical media  
 This type excludes:  
 - retail sale of recorded media except audiobooks on physical media, see 476900  
 - retail sale of antique books, see 477901  
 - retail sale of second-hand books, see 477902  
 - distributing e-books and audiobooks via streaming and downloading by book publishers, see 581100
- 4762 Retail sale of newspapers, and other periodical publications and stationery
- 476201 Retail sale of newspapers and magazines, newspaper stands**  
 This type includes:  
 - retail sale of daily and weekly newspapers, magazines, etc.  
 - activities of news-stands which, apart from periodicals, sell tobacco and sweets  
 This type excludes:  
 - distribution of newspapers via streaming or downloading by their publishers, see 581200  
 - distribution of periodicals and journals via streaming or downloading by their publishers, see 581300
- 476202 Retail sale of writing materials and stationery**  
 This type includes:  
 - retail sale of stationery, office and school supplies (e.g. pens, pencils, paper)  
 This type excludes:  
 - retail sale of art tools and materials for drawing, painting and sculpting, see 476900
- 4763 Retail sale of sporting equipment
- 476301 Retail sale of bicycles**  
 This type includes:  
 - retail sale of bicycles, including electric bicycles, monowheels, hoverboards, kick scooters, etc.
- 476302 Retail sale of sporting goods**  
 This type includes:  
 - retail sale of sports goods, including fishing gear, weapons and ammunition, camping goods, etc.  
 - retail sale of boats  
 - retail sale of special footwear for sports (e.g. football shoes, ice skates, ski boots)  
 - retail sale of special sports equipment clothes for skiing, martial arts, ballet, etc.

- retail sale of parachutes, tents, sleeping bags, etc.

This type excludes:

- retail sale of non-specialised sports footwear (e.g. tennis shoes, basketball shoes, gym shoes, training shoes), see 477201

4764 Retail sale of games and toys

476400 Retail sale of games and toys

This type includes:

- retail sale of games and toys, made of all materials  
- retail sale of party supplies (e.g. masks, party favour (cotillions, jokes, etc.), magic items)

This type also includes:

- retail sale of toy drones

This type excludes:

- retail sale of video consoles and video games on physical media, see 474000

- retail sale of disguises, see 477104

- second-hand retail sale of games and toys, see 477902

- edition/publishing of games, board games, see 581900

- distribution of video games via streaming and downloading by their publishers, see 582100

- distribution of audio via streaming and downloading by their publishers, see 592000

- content distribution (sharing) platforms for video games, see 603900

4769 Retail sale of cultural and recreational goods n.e.c.

476900 Retail sale of cultural and recreational goods n.e.c.

This type includes the retail sale of cultural and recreational goods not elsewhere classified:

- retail sale of recorded media

- retail sale of musical instruments, scores and related accessories (e.g. strings, music stands, metronomes)

- retail sale of philately, numismatics and collectors' items (e.g. stamps and coins)

- activities of commercial art galleries

This type also includes:

- retail sale of art supplies, including beads, clay, canvasses, oil paints and watercolours, etc.

This type excludes:

- retail sale of video games on physical media see 474000

- retail sale of souvenirs, craftwork and religious articles, see 477800

- retail sale of antiques, second-hand and antique books, second-hand musical instruments and second-hand recorded media, see 4779

- distribution of audio via streaming and downloading by their publishers, see 592000

- audio streaming and download distribution service activities not associated with publishing, see 601000

477 Retail sale of other goods, except motor vehicles and motorcycles  
This group includes the specialised retail sale of various goods not elsewhere classified (for example, clothing, footwear and leather articles, pharmaceutical and medical goods, watches, souvenirs, cleaning products, toiletries, flowers, pets).  
This group also includes:  
- retail sale of second-hand goods

4771 Retail sale of clothing  
This class includes:  
- retail sale of articles of clothing, including underwear  
- retail sale of fur articles  
- retail sale of clothing accessories (e.g. gloves, ties, braces)

**477101 Retail sale of women's clothing**

This type includes:

- retail sale of clothing for women
- retail sale of fur articles
- retail sale of clothing accessories for women (gloves, belts, hats, umbrellas, etc.)
- retail sale of women's underwear

This type excludes:

- retail sale of textiles, see 475100
- retail sale of protective gear for cyclists, see 4763
- retail sale of special sports equipment clothes for skiing, martial arts, ballet, etc., see 476302
- retail sale of work clothes, uniforms, disguises, carnival costumes, etc., see 477104
- retail sale of second-hand clothing, see 477902

**477102 Retail sale of men's clothing**

This type includes:

- retail sale of clothing for men
- retail sale of clothing accessories for men (gloves, ties, belts, hats, umbrellas, braces, etc.)
- retail sale of men's underwear

This type excludes:

- retail sale of textiles, see 475100
- retail sale of protective gear for cyclists, see 4763
- retail sale of special sports equipment clothes for skiing, martial arts, ballet, etc., see 476302
- retail sale of work clothes, uniforms, disguises, carnival costumes, etc., see 477104
- retail sale of second-hand clothing, see 477902

**477103 Retail sale of babies' and children's clothing**

This type includes:

- retail sale of clothing for babies and children
- retail sale of accessories of clothing for babies and children (gloves, bonnets, belts, braces, etc.)

This type excludes:

- retail sale of textiles, see 475100

- retail sale of protective gear for cyclists, see 4763
- retail sale of special sports equipment clothes for skiing, martial arts, ballet, etc., see 476302
- retail sale of work clothes, uniforms, disguises, carnival costumes, etc., see 477104
- retail sale of second-hand clothing, see 477902

**477104 Retail sale of women's and men's clothing**

This type includes:

- retail sale of articles of clothing, including underwear, for women and men equally combined
- retail sale of clothing accessories for women and men equally combined

This type also includes:

- retail sale of work clothes, uniforms, disguises, carnival costumes, etc.

This type excludes:

- retail sale of textiles, see 475100
- retail sale of protective gear for cyclists, see 4763
- retail sale of special sports equipment clothes for skiing, martial arts, ballet, etc., see 476302
- retail sale of second-hand clothing, see 477902
- retail sale of protective gear for motorcyclists, see 478300

**4772 Retail sale of footwear and leather goods**

This class excludes:

- retail sale of special footwear for sports, e.g. football shoes, ice skates, ski boots, see 476302
- retail sale of leather clothing, see 4771
- retail sale of orthopaedic footwear, see 477409

**477201 Retail sale of footwear**

This type includes:

- retail sale of footwear

This type excludes:

- retail sale of orthopaedic footwear, see 477409
- retail sale of special footwear for sports (e.g. football shoes, ice skates, ski boots), see 476302

**477202 Retail sale of leather goods**

This type includes:

- retail sale of leather goods:
  - hand bags, wallets, key-rings, etc.
- retail sale of travel accessories of leather and leather substitutes
- retail sale of saddlery articles

This type excludes:

- retail sale of leather clothing, see 4771

**4773 Retail sale of pharmaceutical products**

**477300 Retail sale of pharmaceutical products**

This type includes:

- retail sale of pharmaceuticals

- retail sale of veterinary medicines
- This type also includes:
- retail sale of homeopathic products and medicines without prescription
  - retail sale of herbal medicinal products and herbal remedies

4774 Retail sale of medical and orthopaedic goods

477401 Retail sale of glasses

This type includes:

- activities of opticians
- retail sale of corrective glasses, lenses and sunglasses

This type also includes:

- retail sale of non-corrective sunglasses

477402 Retail sale of hearing aids

This type includes:

- retail sale of hearing aids

477409 Retail sale of medical and orthopaedic goods n.e.c.

This type includes:

- retail sale of orthopaedic footwear
- retail sale of crutches and wheelchairs
- retail sale of orthopaedic prostheses
- retail sale of cervical collars and corsets
- retail sale of elastocompressive products (e.g. elastic stockings, sleeves)

4775 Retail sale of cosmetic and toilet articles

477501 Retail sale of drugstore articles and herbs

This type includes:

- activities of drugstores

This type also includes:

- activities of herb trades

477502 Other retail sale of cosmetic and toilet articles

This type includes:

- retail sale of perfumes, cosmetics, toiletries, personal care products, etc.

This type excludes:

- retail sale of toiletries, hygiene products, etc. for pets, see 477603

4776 Retail sale of flowers, plants, fertilisers, pets and pet food

477601 Retail sale of grain, fodder and agricultural products

This type includes:

- retail sale of tools and supplies for gardening and farming, e.g. seeds, straw, phytosanitary products, fertilisers, etc.

477602 Retail sale of flowers and plants

This type includes:

- retail sale of pot or cut flowers
- retail sale of plants
- retail sale of ornamental or fruit trees and shrubs and pluriannual plants
- retail sale of seedlings of flowers and vegetables

This type excludes:

- growing of flowers, see 011900

**477603 Retail sale of pets and pet accessories**

This type includes:

- retail sale of pets and articles for pets
- retail sale of food for pets and other animals kept at home for pleasure (e.g. chickens, horses)

This type also includes:

- retail sale of toiletries, hygiene products, etc. for pet animals

4777 Retail sale of watches and jewellery

**477700 Retail sale of watches and jewellery**

This type also includes:

- retail sale of silverware articles

This type excludes:

- retail sale of imitation jewellery, see 477800

4778 Retail sale of other new goods

**477800 Retail sale of other new goods**

This type includes:

- retail sale of photographic and precision equipment
- retail sale of optical equipment, excluding spectacles and lenses (e.g. telescopes, microscopes, binoculars)
- retail sale of household fuel oil, bottled gas, coal and fuelwood, pellets of wood or biomass
- retail sale of packaging articles
- retail sale of funeral and cemetery articles (e.g. urns, tombstones)
- retail sale of imitation jewellery
- retail sale of cleaning products (e.g. detergents, sponges)
- retail sale of souvenirs, craftwork and religious articles
- retail sale of non-food products n.e.c.

This type also includes:

- retail sale of artificial flowers and plants

This type excludes:

- retail sale of fishing gear, see 476302
- retail sale of weapons and ammunition, see 476302
- retail sale of stamps and coins, see 476900
- retail sale of glasses and lenses, see 477401

4779 Retail sale of second-hand goods

**477901 Retail sale of antiques**

This type includes:

- retail sale of antiques, e.g.:
  - furniture, carpet, jewels, watches, clock, weapons, etc.

This type excludes:

- restoration of furniture, see 952400
- retail sale of objects of contemporary art, see 476900
- retail sale of stamps and coins, see 476900
- restoration of art objects, see 913000
- activities of pawn shops, see 649200

**477902 Other retail sale of second-hand goods**

This type includes:

- retail sale of second-hand books
- retail sale of second-hand clothes
- retail sale of second-hand furniture
- retail sale of second-hand household appliances
- retail sale of other second-hand goods

This type excludes:

- retail sale of second-hand motor vehicles, motorcycles and related parts and accessories, see 478
- activities of retail auctioneering houses of both new and used third party goods, including internet retail auctions, see 479
- activities of intermediaries in the retail sale of second-hand goods, see 479
- activities of space rental, including staff, for second-hand goods, see 479100
- activities of pawn shops, see 649200

**478 Retail sale of motor vehicles, motorcycles and related parts and accessories**

This group includes the retail sale of new and second-hand motor vehicles and motorcycles, as well as all kinds of parts, components, supplies, tools and accessories for motor vehicles and motorcycles, for example:

- rubber tyres and inner tubes for tyres
- spark plugs, batteries, lighting equipment, vehicle charging equipment and electrical parts

This group also includes:

- retail sale of used parts and accessories after dismantling cars or other motor vehicles
- retail sale of parts and accessories for electric motor vehicles and motorcycles

This group excludes:

- activities of agents involved in the wholesale of motor vehicles, motorcycles and related parts, see 461800
- intermediation service activities for retail sale of motor vehicles and motorcycles, see 479
- on-demand passenger transport service activities by vehicle with a driver, see 493300
- rental and leasing of motor vehicles without a driver, see 771
- maintenance and repair of motor vehicles and motorcycles, see 953

**4781 Retail sale of motor vehicles**

- 478101 Retail sale of motor vehicles (< 3.5 t)**  
 This type includes:  
 - retail sale of new and used motor vehicles, including electrical vehicles, with a weight not exceeding 3.5 tons:  
 • passenger motor vehicles  
 • camping vehicles (e.g. caravans, motorhomes)  
 This type also includes:  
 - retail sale of off-road motor vehicles with a weight not exceeding 3.5 tons  
 - retail sale of trailers for motor vehicles  
 This type excludes:  
 - retail sale of bicycles and electric bicycles, etc., see 476301  
 - retail sale of parts and accessories for motor vehicles, see 478200  
 - retail sale of motorcycles, motorcycle parts and accessories, see 478300  
 - activities of agents for the retail sale of motor vehicles, see 479  
 - on-demand passenger transport service activities by vehicle with driver, see 493300  
 - rental and leasing of motor vehicles without a driver, see 771  
 - maintenance and repair of motor vehicles and motorcycles, see 953
- 478102 Retail sale of motor vehicles (> 3.5 t)**  
 This type includes:  
 - retail sale of new and used motor vehicles, including electrical vehicles, with a weight exceeding 3.5 tons:  
 • passenger motor vehicles  
 • camping vehicles (e.g. caravans, motorhomes)  
 This type also includes:  
 - retail sale of off-road motor vehicles with a weight exceeding 3.5 tons
- 4782 Retail sale of motor vehicle parts and accessories
- 478200 Retail sale of motor vehicle parts and accessories**  
 This type includes:  
 - retail sale of new and used parts, equipment and accessories for motor vehicles  
 This type excludes:  
 - retail sale of automotive fuel, see 4730  
 - retail sale of motor vehicles, see 4781  
 - maintenance and repair of motor vehicles and motorcycles, see 953
- 4783 Retail sale of motorcycles, motorcycle parts and accessories
- 478300 Retail sale of motorcycles, motorcycle parts and accessories**  
 This type includes:  
 - retail sale of new and used motorcycles, including mopeds  
 - retail sale of new and used parts and accessories for motorcycles  
 - retail sale of protective gear for motorcyclists  
 This type excludes:

- retail sale of bicycles, electric bicycles, monowheels, hoverboards, kick scooters and related parts and accessories, see 476301
- rental of motorcycles, see 771100
- repair and maintenance of bicycles, electric bicycles, monowheels, hoverboards, kick scooters, see 952900
- repair and maintenance of motorcycles, see 953

**479**            Intermediation service activities for retail sale  
 This group includes intermediation service activities for specialised and non-specialised retail sale that facilitate transactions between buyers and sellers of physical goods for a fee or commission, without supplying and taking ownership of the goods that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the buyers or sellers. Revenue for intermediation service activities for retail sale can include other sources of income (for example, revenues from the sale of advertising space).  
 This group also includes:

- activities of intermediaries in the retail sale of second-hand goods
- activities of retail auctioneering houses for both new and used third-party goods, including internet retail auctions
- activities of agents for the retail

**4791**            Intermediation service activities for non-specialised retail sale

**479100**        Intermediation service activities for non-specialised retail sale  
 This type includes intermediation service activities for non-specialised retail sale that facilitate transactions between buyers and sellers for the ordering and/or delivering of physical goods for a fee or commission, without supplying and taking ownership of the goods that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the buyers or sellers. Revenue for intermediation service activities for non-specialised retail sale can include other sources of income (for example, revenues from the sale of advertising space).  
 This type also includes:

- activities of space rental, including staff, for the retail sale of second-hand goods

This type excludes:

- intermediation service activities for specialised retail sale, see 479200

**4792**            Intermediation service activities for specialised retail sale

**479200**        Intermediation service activities for specialised retail sale  
 This type includes intermediation service activities for specialised retail sale that facilitate transactions between buyers and sellers for the ordering and/or delivering of physical goods for a fee or commission, without supplying and taking ownership of the goods that are intermediated. These

intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on.). The fee or commission can be received from either the buyers or sellers. Revenue for intermediation service activities for specialised retail sale can include other sources of income (for example, revenues from the sale of advertising space).

This type excludes:

- retail sale of petrol in combination with electro fuels (e-fuels), if the sale of electro fuels is not predominant, see 4730
- intermediation service activities for non-specialised retail sale, see 479100

H	<p><b>TRANSPORTATION AND STORAGE</b></p> <p>This section includes the transport of passengers or freight, by rail, pipeline, road, water or air. It includes the transport of passengers regardless of the reasons, whether for personal, professional or recreational reasons, scheduled or not. Rental of transport equipment with a driver or operator as well as postal and courier activities are classified in this section.</p> <p>The section also includes associated activities (for example, operation of terminal and parking facilities, cargo handling, warehousing and storage, such as the operation of silos, merchandise warehouses, storage tanks). Transport activities classified in divisions 49, 50, 51 and 53 often involve related activities (for example, packaging, goods handling operations, temporary crating, sampling and weighing of goods) which solely support the transport activities. These supporting activities are only to be classified in division 52 if they are performed on behalf of others.</p> <p>This section also includes:</p> <ul style="list-style-type: none"> <li>- intermediation services that link customers to transport service providers, except for division 79</li> </ul> <p>This section excludes:</p> <ul style="list-style-type: none"> <li>- major repair, maintenance or alteration of transport equipment, except motor vehicles, see 331</li> <li>- construction, maintenance and repair of roads, railways, harbours, airfields, see division 42</li> <li>- rental of transport equipment without a driver or operator, see 771, 773</li> <li>- transport activities as an integral part of recreational facilities (e.g. in theme parks), see 932</li> <li>- maintenance and repair of motor vehicles, see 9531</li> <li>- maintenance and repair of motorcycles, see 953200</li> </ul>
49	<p>Land transport and transport via pipelines</p> <p>This division includes the transport of passengers and freight by road or rail. The activities include the transport of passengers, whether for personal, professional or recreational reasons. It also includes the transport of goods via road, rail or pipelines.</p>
491	<p>Passenger rail transport</p>
4911	<p>Passenger heavy rail transport</p>
491100	<p>Passenger heavy rail transport</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- rail transport of passengers using railway rolling stock on mainline networks</li> <li>- operation of sleeping cars or dining cars as an integrated operation of railway companies</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- passenger heavy rail transport for sightseeing</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- passenger transport by metro, tramway, subway, underground, etc., see 491200</li> <li>- passenger terminal activities, see 522101</li> </ul>

- operation of railway infrastructure and related activities (e.g. switching and shunting), see 522101
- operation of sleeping cars or dining cars when operated by separate units, see 559000, 561101

4912 Other passenger rail transport

**491200 Other passenger rail transport**

This type includes:

- passenger transport by metro, subway, underground and elevated railway, metropolitan railway and tramway
- passenger transport by funicular railway

This type also includes:

- passenger light rail transport for sightseeing

This type excludes:

- passenger terminal activities, see 522101
- operation of railway infrastructure and related activities (e.g. switching and shunting), see 522101

492 Freight rail transport

4920 Freight rail transport

**492000 Freight rail transport**

This type includes:

- freight transport on mainline rail networks as well as short line freight railways

This type also includes:

- freight transport by funicular railway
- traction services

This type excludes:

- warehousing and storage, see 521000
- freight terminal activities, see 522101
- operation of railway infrastructure and related activities (e.g. switching and shunting), see 522101
- cargo handling on behalf of others, see 522400

493 Other passenger land transport

This group includes all land-based passenger transport activities other than rail transport.

4931 Scheduled passenger transport by road

**493100 Scheduled passenger transport by road**

This type includes:

- scheduled urban, suburban or long-distance road transport of passengers by e.g. bus, coach, trolleybus, minibus. Such transport follows a fixed

timetable, entailing the picking up and setting down of passengers normally at fixed stops

This type also includes:

- operation of school buses and buses for the transport of employees
- scheduled passenger transport by road for sightseeing

This type excludes:

- passenger rail transport, see 491
- passenger transport by funicular railway, see 491200
- non-scheduled passenger transport by road for sightseeing, in vehicles of 10 or more persons, see 493200
- on-demand passenger transport services in vehicles with a driver for a maximum of 9 persons (taxi, etc.), see 493300
- operation of aerial cableways, etc., see 493400

4932 Non-scheduled passenger transport by road

493200 Non-scheduled passenger transport by road

This type includes:

- non-scheduled urban, interurban and long-distance road transport of passengers in vehicles of 10 or more persons. This may include transport by bus, coach, trolleybus or minibus.

This type excludes:

- passenger rail transport, see 491
- operation of school buses and buses for the transport of employees, see 493100
- on-demand passenger transport services in vehicles with a driver for a maximum of 9 persons (taxi, etc.), see 493300

4933 On-demand passenger transport service activities by vehicle with driver

493300 On-demand passenger transport service activities by vehicle with driver

This type includes the on-demand transport of passengers in vehicles with a driver, for a maximum of 9 persons:

- taxi services
- private hire vehicles with a driver
- motorcycle taxi services

This type excludes:

- bicycle taxi services, see 493900
- passenger road transport by vehicles drawn by humans or animals, see 493900
- intermediation service activities for passenger transport, see 523200
- patient transport by ambulance, see 869200

4934 Passenger transport by cableways and ski lifts

493400 Passenger transport by cableways and ski lifts

This type includes:

- transport by cableways, ski lifts and chairlifts, which may include the preparation of ski slopes

- passenger transport by lifts

This type also includes:

- freight transport by cableways

This type excludes:

- passenger rail transport for sightseeing, see 491100

- passenger transport by funicular railway, see 491200

- non-scheduled passenger road transport in vehicles of 10 or more persons, see 493200

- operation of sports areas, which may include the operation of cableways, ski lifts and chairlifts, see 931100

4939 Other passenger land transport n.e.c.

493900 Other passenger land transport n.e.c.

This type includes:

- bicycle taxi services

- passenger road transport by vehicles drawn by humans or animals

This type excludes:

- patient transport by ambulance, see 869200

- transport of human remains, see 963000

494 Freight transport by road and removal services

This group includes all land-based freight transport activities other than rail transport.

4941 Freight transport by road

494100 Freight transport by road

This type includes:

- all freight transport operations by road:

• logging haulage

• livestock 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

- road transport of freight, on behalf of postal or courier units, without carrying out any other post or courier activities

- road transport of objects between different units (e.g. buildings, storage units, on a fee or contract basis)

This type also includes:

- rental of freight vehicles with a driver

- freight road transport by vehicles drawn by humans or animals

- rental of concrete mixer lorries with a driver

- delivery of furniture, can include unpacking and installation

This type excludes:

- log hauling within the forest, as part of logging operations, see 024000

- distribution of water by trucks, see 360000

- waste transport as an integrated part of waste collection activities, see 381100, 381200
- removal services, see 494200
- operation of terminal facilities for handling freight, see 522
- crating and packing activities for transport, see 522
- moving cargos on industrial sites, typically with transport equipment that is not suitable for use on roads open to public traffic, see 522400
- pickup of goods and grouping for shipping, see 522500
- post and courier activities, see 531000, 532000
- transport by armoured car service activities, see 800100

4942 Removal services

**494200 Removal services**

This type includes:

- removal (relocation) services to businesses and households by road transport

This type also includes:

- leasing of removal vehicles with a driver
- storage of furniture as part of the removal service

495 Transport via pipeline

4950 Transport via pipeline

**495000 Transport via pipeline**

This type includes:

- transport of gases, liquids, water, slurry and other commodities via pipelines
- pipeline transport of natural gas from processing plants to local distribution systems

This type also includes:

- operation of pump stations for transport via pipelines

This type excludes:

- distribution of gaseous fuels, steam or water to end users through local or regional network of mains, see 352200, 353000, 360000
- distribution of water by trucks, see 360000
- retail sale of automotive fuel, see 4730
- transport of liquids by trucks, see 494100

50 Water transport

This division includes the water transport of passengers or freight, whether scheduled or not, whether for professional, personal or recreational reasons. Also included are the operation of towing or pushing boats, excursion or sightseeing boats, cruise ships, ferries, water taxis, and so on. Although the location is an indicator for the separation between sea and inland water transport, the deciding factor is the type of vessel used. Transport on seagoing vessels is classified in groups 501 and 502, while transport using other vessels is classified in groups 503 and 504.

This division excludes restaurant and bar activities aboard ships, if carried out by separate units, see 561101, 563001

501 Sea and coastal passenger water transport

This group also includes:

- transport of passengers on lakes, etc., when similar types of vessels are used as on sea or coastal waters

5010 Sea and coastal passenger water transport

501000 Sea and coastal passenger water transport

This type includes:

- transport of passengers over seas and coastal waters, whether scheduled or not:

- operation of excursion, cruise or sightseeing boats
- operation of ferries, water taxis, etc.

- operation of other passenger sea or coastal transport

This type also includes:

- rental of pleasure boats with crew for sea and coastal water transport (e.g. for fishing trips)

- ferry transport of passengers with or without a vehicle

This type excludes:

- restaurant and bar activities aboard ships, when provided by separate units, see 5611, 563001

- rental of pleasure boats and yachts without crew, see 772100

- rental of commercial ships or boats without crew, see 773400

- operation of floating casinos, not transporting passengers, see 920000

502 Sea and coastal freight water transport

This group also includes:

- transport of freight on lakes, etc., when similar types of vessels are used as on sea or coastal waters

5020 Sea and coastal freight water transport

502000 Sea and coastal freight water transport

This type includes:

- transport of freight over sea and coastal waters

- transport by towing or pushing of barges, oil rigs, etc.

This type also includes:

- rental of vessels with crew for sea and coastal freight water transport

- ferry transport of unaccompanied vehicles

This type excludes:

- ferry transport of passengers with or without a vehicle, see 501000

- storage of freight, see 521000

- harbour operations and other auxiliary activities (e.g. docking, pilotage, lighterage, vessel salvage), see 522200

- cargo handling, see 522400

- rental of commercial ships or boats without crew, see 773400

503 Inland passenger water transport

5030 Inland passenger water transport

503000 Inland passenger water transport

This type includes:

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

This type also includes:

- rental of pleasure boats with crew for inland water transport  
- operation of sightseeing boats and excursions on inland waterways  
- inland ferry transport of passengers with or without a vehicle

This type excludes:

- restaurant and bar activities aboard ships, when provided by separate units, see 561101, 563001  
- rental of pleasure boats and yachts without crew, see 772100  
- operation of floating casinos not transporting passengers, see 920000

504 Inland freight water transport

5040 Inland freight water transport

504000 Inland freight water transport

This type includes:

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

- transport of freight on inland waterways, involving vessels that are not suitable for sea transport

This type also includes:

- rental of vessels with crew for inland freight water transport

This type excludes:

- cargo handling, see 522400  
- rental of commercial ships or boats without crew, see 773400

51 Air transport

This division includes the transport of passengers or freight by air or via space.

This division excludes:

- crop spraying, see 016100  
- repair and maintenance of civilian aircraft or aircraft engines, see 331600  
- operation of airports, see 522300  
- aerial advertising (skywriting), see 731100  
- aerial photography, see 742000  
- civil aerial surveillance, see 800901  
- military aerial surveillance, see 842201

511 Passenger air transport

5110 Passenger air transport

**511000 Passenger air transport**

This type includes:

- scheduled air transport of passengers over regular routes
- charter flights for passengers
- sightseeing flights

This type also includes:

- rental of air transport equipment with an operator for the purpose of passenger transport

This type excludes:

- rental of air transport equipment without an operator, see 773500
- air ambulances, see 869200

512 Freight air transport and space transport

5121 Freight air transport

**512100 Freight air transport**

This type includes:

- air transport of freight, whether scheduled or not

This type also includes:

- rental of air transport equipment with an operator for the purpose of freight transport

5122 Space transport

**512200 Space transport**

This type includes:

- launching of satellites and space vehicles
- space transport of freight and passengers

52 Warehousing, storage and support activities for transportation

This division includes warehousing and support activities for transport, such as the operation of transport infrastructure (for example, airports, harbours, tunnels, bridges). It also includes the activities of transport agencies and cargo handling.

The activities mentioned are carried out on behalf of third parties. If the related services are provided solely to support transport activities by the same unit, they are considered as ancillary activities to transport and this unit is classified elsewhere in section H.

521 Warehousing and storage

5210 Warehousing and storage

**521000 Warehousing and storage**

This type includes:

- operation of storage and warehouse facilities for all kinds of goods:
  - operation of grain silos
  - general merchandise warehouses
  - refrigerated warehouses and cool stores
  - storage tanks, etc.
- warehousing of furniture not part of a removal service

This type also includes:

- storage of goods in foreign trade zones
- blast freezing associated with storage and warehousing
- activities of storage of physical archives and paper files

This type excludes:

- storage of electricity, see 351600
- storage of gaseous fuels for energy supply through a network, see 352400
- storage of furniture as part of a removal service, see 494200
- operation of parking facilities for motor vehicles, see 522102
- winter storage of caravans, ships and boats and storage of aircraft, see 5221, 522200, 522300
- operation of self-storage facilities, see 682002
- rental of vacant space, see 6820

**522 Support activities for transportation**

This group includes activities supporting the transport of passengers or freight, including the operation of transport facilities and parts of the transport infrastructure and activities related to handling freight before, after or between transport segments.

This group excludes:

- intermediation service activities for freight transport, see 523100
- intermediation service activities for passenger transport, see 523200

**5221 Service activities incidental to land transportation**

**522101 Service activities incidental to rail transportation**

This type includes:

- activities related to the transport of passengers, animals or freight by rail:
  - operation of terminal facilities (e.g. railway stations)
  - operation of railway infrastructure and rail related facilities, cargo terminals, technical back-up points
- switching and shunting

**522102 Service activities incidental to road transportation**

This type includes:

- activities related to the transport of passengers, animals or freight by road:
  - operation of terminal facilities (bus stations, stations for the handling of goods)
  - operation of roads, bridges and tunnels, including activities of winter maintenance
- operation of car parks or garages, parking for bicycle, winter storage of caravans

- towing and roadside assistance
- truck transport cargo surveying activities
- toll collection services

This type excludes:

- repair of roads, see division 42

**522103 Service activities incidental to other land transportation**

This type includes:

- activities related to other land transport of passengers, animals or freight

This type also includes:

- liquefaction and or regasification of natural gas for the purpose of land transport

This type excludes:

- liquefaction of natural gas for transport purposes, done at the mine site, see 091000
- regasification of natural gas for distribution through mains, see 352200
- cargo handling, see 522400
- moving cargos on industrial sites, typically with transport equipment that is not suitable for use on roads open to public traffic, see 522400

5222 Service activities incidental to water transportation

**522200 Service activities incidental to water transportation**

This type includes:

- activities related to the water transport of passengers, animals or freight:
  - operation of terminal facilities (e.g. harbours, piers)
  - operation of waterway locks, etc.
  - navigation, pilotage, tug and berthing activities
  - bunkering and reception of port waste
  - lighterage, salvage activities
  - lighthouse activities
  - marine cargo surveying activities
- waterway information services
- winter storage of ships and boats

This type also includes:

- ensuring safety at waterway infrastructure maintenance work
- liquefaction and regasification of natural gas for the purpose of water transport done off the mine site

This type excludes:

- dredging and waterway maintenance, see 429100
- cargo handling, see 522400
- amusement and recreation activities related to the infrastructure of marinas, see 932900

5223 Service activities incidental to air transportation

**522300 Service activities incidental to air transportation**

This type includes:

- activities related to the air transport of passengers, animals or freight:
  - operation of terminal facilities (e.g. airway terminals)

- airport and air traffic control activities
- ground service activities on airfields, etc.
- ensuring safety at airfield infrastructure maintenance work
- storage of aircraft

This type also includes:

- firefighting and fire-prevention services at airports

This type excludes:

- cargo handling, see 522400
- luggage and passenger inspection at airports, not by public authorities, see 800100
- luggage and passenger inspection at airports, by public authorities, see 842400
- operation of flying schools for professional pilots, see 853200
- operation of flying schools not issuing certificates and permits for professionals, see 855300

5224 Cargo handling

**522400 Cargo handling**

This type includes:

- loading and unloading of goods and luggage irrespective of the mode of transport used
- stevedoring
- loading and unloading of freight railway cars

This type also includes:

- rental and leasing of transtainers or luffing cranes, with an operator, for cargo handling activities
- moving cargos on industrial sites, typically with transport equipment that is not suitable for use on roads open to public t

This type excludes:

- transportat or moving of objects within an industrial plant, on a fee or contract basis, if a public road is used, see 494100
- operation of terminal facilities, see 5221, 522200, 522300
- intermediation service activities for freight transport, see 523100

5225 Logistics service activities

**522500 Logistics service activities**

This type includes:

- activities of distribution centres
- pickup of goods and grouping for shipping
- goods handling operations (e.g. temporary crating and packing goods into boxes for the purpose of warehousing or for protecting them during transport, unpacking, sampling, weighing of goods)

This type excludes:

- freight forwarding, see 522600
- ship brokerage – includes taking care of the entry and clearance of ships, as an intermediary between shipowners and shippers or receivers of goods, see 523
- courier activities, see 532000

- provision of motor, marine, aviation and transport insurance, see 651202
- management consultancy for companies' logistics, see 702000
- logistics consulting activities, i.e. planning, designing and supporting operations of transport, warehousing and distribution, see 702000

5226 Other support activities for transportation

**522600 Other support activities for transportation**

This type includes:

- issue and procurement of transport documents and waybills
- activities of customs agents
- organisation of multimodal and combined transport activities by rail, road, water or air (intermodal transport) on behalf of the shipper or consignee
- organisation and freight forwarding of group and individual consignments on behalf of the client

This type excludes:

- rail, ship and aircraft freight brokerage, see 523100
- operation of platforms for intermediation of freight transport, see 523100
- brokerage for passenger seats for ship and aircraft space, see 523200
- courier activities, see 532000
- provision of motor, marine, aviation and transport insurance, see 651202
- management consultancy for companies' logistics, see 702000
- activities of travel agencies, see 791100
- activities of tour operators, see 791200
- tourist assistance activities, see 799000

523 Intermediation service activities for transportation

This group includes the intermediation of freight and passenger transport.

5231 Intermediation service activities for freight transportation

**523100 Intermediation service activities for freight transportation**

This type includes the intermediation of freight transport, by bringing clients and service providers together for a fee or commission, without the intermediary providing the freight transport services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the freight transport service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type includes:

- rail, road, ship and aircraft freight brokerage
- operation of platforms for intermediation of freight transport services

This type excludes:

- freight transport, see divisions 49, 50 et 51
- brokerage of passenger seats in ships and aircraft space, see 523200

5232 Intermediation service activities for passenger transportation

**523200 Intermediation service activities for passenger transportation**

This type includes the intermediation of passenger transport, by bringing clients and service providers together for a fee or commission, without the intermediary providing the passenger transport services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the passenger transport service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type includes:

- operation of online ride-sharing platforms that allow passengers to book a ride
- provision of intermediation services for the purchase of land, water or air transport for passengers
- brokerage of passenger seats in ships and aircraft space

This type also includes:

- intermediation of transportation by radio taxi services, without providing transport
- fee-based reservation services for passenger transportation

This type excludes:

- taxi operation and other passenger road transport, see 493
- rail, ship and aircraft freight brokerage, see 523100
- operation of online platforms for the rental of vehicles (cars, motorcycle, etc.), without a driver, see 775100
- units that provide reservation services alongside additional travel advice or expertise, see 791100
- combined activities of accommodation, travel and food, i.e. travel agencies and tour operators, see 791100, 791200

53 Postal and courier activities

531 Postal activities under universal service obligation

5310 Postal activities under universal service obligation

**531000 Postal activities under universal service obligation**

This type includes the activities of postal services operating under a universal service obligation by one or more designated universal service providers. The activities include use of the universal service infrastructure, including retail sale locations, sorting and processing facilities, and carrier routes to pick up and deliver mail. The delivery can include letter post, in other words, letters, postcards, printed papers (newspapers, periodicals, advertising items, and so on), small packets, goods or documents. Also included are other services necessary to support the universal service obligation.

This type includes:

- pickup, sorting, transport and delivery (domestic (national) or international) of letter post and (mail-type) parcels and packages by postal services operating under a universal service obligation. 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.

- collection of letter-mail and parcels from public letter boxes or from post offices

This type excludes:

- postal giro, postal savings activities and money order activities, see 6419

532 Other postal and courier activities

5320 Other postal and courier activities

532000 Other postal and courier activities

This type includes:

- pickup, sorting, transport and delivery (domestic (national) or international) of letter post and (mail-type) parcels and packages by businesses operating outside the scope of a universal service obligation. 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 type also includes:

- home delivery services, including food

This type excludes:

- transport of freight, see (according to mode of transport) 492000, 494100, 502000, 504000, 512100, 512200

- delivery of furniture, can include unpacking or installation, see 494100

- home delivery of prepared meals, if performed by the same unit, which prepares the meals, see division 56

533 Intermediation service activities for postal and courier activities

5330 Intermediation service activities for postal and courier activities

533000 Intermediation service activities for postal and courier activities

This type includes the intermediation of postal and courier activities, by bringing clients and service providers together for a fee or commission, without the intermediary providing the postal and courier services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the postal and courier service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type includes:

- any intermediation service undertaken by third parties to postal service providers and offered to business and domestic (household) clients

- operation of online platforms to allow people to book a food delivery

This type excludes:

- food delivery services, see 532000
- operation of online platforms for home delivery of prepared meals, if the delivery is carried out by the same unit which prepares the meals, see 564000
- monetary intermediation services (payment of fees through the post office), see 6419

- I ACCOMMODATION AND FOOD SERVICE ACTIVITIES  
 This section includes the provision of short-term (less than one year) accommodation for visitors and other travellers, temporary accommodation in single or shared rooms or dormitories for students, seasonal workers and other individuals, as well as the provision of meals and drinks fit for immediate consumption. The amount and type of supplementary services provided within this section can vary widely. This section excludes:
- the resale of food or drinks through wholesale or retail sale activities, see section G (the preparation of these foods and drinks is classified in manufacturing, see section C)
  - the provision of long-term (one year or more) accommodation as primary residences, see section M
- 55 Accommodation  
 This division includes the provision of short-term accommodation for visitors and other travellers. The accommodation may include meals, recreational facilities and other services. Also included is the provision of short-term accommodation (for example, for students, workers). This division excludes activities related to the provision of residences in facilities (for example flats or apartments), typically leased on annual basis, see division 68.
- 551 Hotels and similar accommodation
- 5510 Hotels and similar accommodation  
 This class includes the provision of accommodation, typically on a daily or weekly basis, for short-term stays. It also includes the provision of furnished accommodation in hotels rooms and suites. Services provided include daily cleaning and bed-making. A range of additional services may be provided (for example, food and beverage services, laundry services, recreational facilities as well as conference and convention facilities). These activities are generally characterised by the provision of on-the-spot customer service.
- 551001 Hotels, inns and guesthouses with restaurant  
 This type includes:
- activity of hotels, resort hotels, suite/apartment hotels, hotels with thermal baths, hotels with convention facilities, casino hotels, motels, inns, boarding houses and similar establishments, with five or more rooms, which provide the usual lodging services as well as food and beverage services
- This type excludes:
- lodging in hotels, furnished hotels and similar establishments providing breakfast only, see 551002
  - accommodation without daily cleaning, bed-making and on-the-spot customer service, see 5520
  - intermediation service activities for accommodation, see 554000
- 551002 Hotels, inns and guesthouses without restaurant

This type includes:

- lodging in hotels, furnished hotels (regardless of the number of rooms) and similar establishments, with five or more rooms, which only provide breakfast

This type excludes:

- accommodation with no on-the-spot customer service, see 5520  
- intermediation service activities for accommodation, see 554000

552 Holiday and other short-stay accommodation

5520 Holiday and other short-stay accommodation

This class includes the provision of short-term accommodation, typically on a daily or weekly basis, in self-contained furnished rooms or areas for living/dining and sleeping. Typically, no on-the-spot customer service and minimal complementary services, if any, are provided.

552001 Holiday apartments, holiday homes

This type includes:

- accommodation in houses, cottages and cabins, holiday apartments, private rooms, visitor flats and bungalows, bed & breakfast, which are rented. Accommodation is the only service provided (exception: bed and breakfast, which offers breakfast). Room service (e.g. cleaning) is charged and invoiced separately

This type excludes:

- activity of apartment hotels, see 551  
- accommodation with daily cleaning and bed-making and on-the-spot customer service, see 5510  
- intermediation service activities for accommodation, see 554000  
- hiring of furnished residences for long duration stays, see 682002

552002 Group accommodation

This type includes:

- collective accommodation in establishments which define themselves as such and which offer minimum comfort. For example, buildings intended for vacation camps, scouts or young people and sports camps, Friends-of-Nature chalets, mountain refuges and youth hostels

This type excludes:

- accommodation with daily cleaning, bed-making and on-the-spot customer service, see 5510  
- intermediation service activities for accommodation, see 554000

553 Camping grounds and recreational vehicle parks

5530 Camping grounds and recreational vehicle parks

553000 Camping grounds and recreational vehicle parks

This type includes:

- provision of short-term accommodation in camping grounds (e.g. recreational camps, fishing and hunting camps)

- provision of space and facilities for recreational vehicles

This type also includes:

- glamping accommodation
- accommodation provided by protective shelters or plain bivouac facilities

This type excludes:

- intermediation service activities for accommodation, see 554000

554 Intermediation service activities for accommodation

5540 Intermediation service activities for accommodation

**554000 Intermediation service activities for accommodation**

This type includes the intermediation of all types of accommodation by bringing clients and service providers together for a fee or commission. These intermediation activities can be carried out on digital platforms or through non-digital channels (phone, post, and so on). The fee or commission can be received from either the client or the provider of the accommodation. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type also includes:

- timeshare exchange services
- reservation services for accommodation

This type excludes:

- units that provide reservation services alongside additional accommodation advice or expertise, see 791100
- intermediation or sale of a combination of accommodation, travel and food, i.e. travel agencies and tour operators, see 791100, 791200

559 Other accommodation

5590 Other accommodation

**559000 Other accommodation**

This type includes the provision of temporary accommodation in homes, flats or apartments, as well as single or shared rooms or dormitories for students, seasonal workers and other individuals.

This type includes accommodation in:

- homes and furnished or unfurnished flats or apartments, for a period shorter than a year
- dormitories for workers
- boarding houses
- student accommodation provided for less than one year at a time
- railway sleeping cars when not operated by railway companies

This type excludes:

- operation of railway sleeping cars as an integrated operation of railway companies, see 491100
- operation of cruise ships, see 501000, 503000

- intermediaries for accommodation, see 554000
- all forms of accommodation for a period of one year or longer, see 682002
- intermediation or sale of a combination of accommodation, travel and food, i.e. travel agencies and tour operators, see 791100, 791200

- 56 Food and beverage service activities  
 This division includes food and beverage serving activities providing meals or drinks fit for immediate consumption, whether in traditional restaurants, self-service or takeaway restaurants, whether permanent or temporary, with or without seating. The fact that meals fit for immediate consumption are offered is decisive, not the kind of facility providing them.  
 This division excludes:
- the production of meals not fit for immediate consumption or not planned to be consumed immediately or of prepared food, which is not considered to be a meal, see divisions 10 and 11
  - the sale of not self-manufactured food that is not considered to be a meal or of meals that are not fit for immediate consumption, see section G
  - coffee dispenser and vending machines selling food and drinks prepared by the machine itself, see division 47
- 561 Restaurants and mobile food service activities  
 This group includes:
- restaurant and mobile food service activities for a general public, on a regular basis
- 5611 Restaurant activities  
 This class includes the provision of predominantly food services to customers (for example, in traditional restaurants, self-service or takeaway restaurants), with or without seating, in permanent or temporary facilities.
- 561101 Restaurants, cafes, snack bars**  
 This type includes activities of:
- restaurants
  - cafeterias
  - fast-food restaurants
  - take-out eating places
- This type also includes:
- operation of restaurants on transport equipment and within transport facilities, if operated by separate units not part of the transport provider
  - operation of restaurants in a hotel, if operated by separate units not part of t
- This type excludes:
- retail sale of food through vending machines, see 472
  - operation of railway dining cars as an integrated operation of railway companies, see 491100
  - mobile food services activities, see 561200
  - event catering activities, see 562100
  - concession operation of eating facilities, see 562200
  - activities of food service contractors (e.g. for transportation companies), see 562200
  - activities of tea rooms, see 563001

561102	<p><b>Restaurants with accommodation</b></p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- restaurants providing accommodation without predomination of the latter.</li> </ul> <p>Explicit "restaurant" designation is not necessary</p> <ul style="list-style-type: none"> <li>- inns, pensions, motels and similar establishments</li> </ul>
5612	<p>Mobile food service activities</p>
561200	<p><b>Mobile food service activities</b></p> <p>This type includes the preparation and serving of predominantly food for immediate consumption from movable carts or portable stalls.</p> <p>This type includes activities of mobile food operators, including:</p> <ul style="list-style-type: none"> <li>- hot food trucks</li> <li>- food vendors</li> <li>- ice cream vendors</li> <li>- food preparation in market stalls</li> <li>- snack vendors</li> <li>- frozen yogurt vendors</li> <li>- pancake vendors</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- retail sale of food through vending machines, see 472</li> <li>- food delivery by independent units, see 532000</li> <li>- preparation and serving of food from movable and temporary carts or portable stalls based on contractual arrangements with the customer, for a specific event, see 562100</li> <li>- concession operation of eating facilities, see 562200</li> <li>- mobile beverage serving activities, see 563001</li> </ul>
562	<p>Event catering, contract catering service activities and other food service activities</p> <p>This group includes catering activities for individual events or for a specified period of time and the operation of food concessions (for example, at sports or similar facilities). The services are provided on a contract basis and offered to a limited clientele.</p>
5621	<p>Event catering activities</p>
562100	<p><b>Event catering activities</b></p> <p>This type includes the provision of food and supply, based on contractual agreements, at the location specified by the customer, for a specific event.</p> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- manufacture of perishable food items, see 108900</li> <li>- retail sale of perishable food items, see 472</li> </ul>
5622	<p>Contract catering service activities and other food service activities</p>
562200	<p><b>Contract catering service activities and other food service activities</b></p>

This type includes industrial catering, in other words, food preparation and supply based on contractual arrangements with the customer, for a fixed term. Further included is the operation of food concessions (for example, at sports and similar facilities). The food can be prepared directly on the premises of the client organisation or in a central unit.

This type includes:

- activities of food service contractors (e.g. for transport companies)
- operation of canteens or cafeterias (e.g. for factories, offices, hospitals or schools), on a concession basis

This type excludes:

- manufacture of perishable food items, see 108900
- retail sale of perishable food items, see 472

563 Beverage serving activities

5630 Beverage serving activities

This class predominantly includes serving beverages for immediate consumption on the premises. The activities can include the provision of, for example live music and dance activities.

563001 Bars

This type includes activities of:

- bars
- cocktail lounges
- pubs
- coffee houses
- tea rooms
- fruit juice bars
- mobile beverage serving

This type also includes:

- bar activities aboard of transport (e.g. a train or ship, when carried out by separate units)

This type excludes:

- reselling packaged/prepared beverages, see division 47
- retail sale of beverages through vending machines, see 472
- provision of beverage preparation and supply based on contractual arrangements with the customer, for a fixed term, see 562200
- discotheques, dance halls and night clubs, see 563002

563002 Discos, night clubs

This type includes:

- discotheques, dance halls, night clubs (with beverage serving predominant)

This type excludes:

- operation of concert halls and music venues, see 903100
- operation of dance floors where beverage serving is not the main activity, see 932900

564 Intermediation service activities for food and beverage services activities

5640 Intermediation service activities for food and beverage services activities

**564000 Intermediation service activities for food and beverage services activities**

This type includes the intermediation of food and beverage services by bringing clients and service providers together for a fee or commission without the intermediary providing the food and beverage services intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, post, and so on). The fee or commission can be received from either the client or the provider of the food and beverage service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type also includes:

- reservation services for restaurants

This type excludes:

- operation of online platforms to allow people to book a food delivery, see 533000

## J PUBLISHING, BROADCASTING, AND CONTENT PRODUCTION AND DISTRIBUTION ACTIVITIES

This section includes the production and publishing, broadcasting and other distribution of information products.

This section includes: book, newspaper, periodical and software publishing activities (division 58); the production of motion picture, video and television programme elements, sound recording and music publishing activities (division 59); radio and television broadcasting as well as television or radio programme production and distribution activities, including the operation of streaming, downloads and content distribution (sharing) platforms not associated with publishing of the content, the operation of blogs and wiki sites, social network sites and online gaming / video game sites (division 60).

Publishing refers to the acquisition of copyrights to content (information products) and making this content available to the general public by engaging in (or arranging for) the reproduction and distribution of this content in various forms. Publishers may solely publish and then license rights to others to distribute their content, or they may publish and distribute content they create or own. All the feasible forms of publishing (in print, electronic, digital, analogue, or any other form) and self-publishing activities are included in this section.

Individual television programming components (for example, movies, television series) are produced by activities in division 59, while the creation of a complete programme for a television channel, from components produced in division 59 or other components (for example, live news programming), is included in division 60. Division 60 also includes the broadcasting of this programme by the producer.

This section also includes:

- the creation and leasing of copyrights for published content

This section excludes:

- wholesale and retail sale of recorded media, see section G
- activities of providing telecommunication and related service activities, i.e. transmitting voice, data, text, sound and video, computer programming activities, computing infrastructure and hosting activities and web search portals, see section K
- provision of financial and insurance services using published financial and insurance technologies software, see section L
- the management of copyrights, see 749100
- rental of discs, see 772200
- activities of independent musicians and actors (including influencers appearing in vlogs), writers and bloggers, whose content is published by a third party, and gambling sites, see section S

### 58 Publishing activities

This division includes the publishing of books, brochures, leaflets, dictionaries, encyclopaedias, atlases, maps and charts; the publishing of newspapers, journals and periodicals; the publishing of directories and mailing lists, and other publishing (including software publishing).

Publishing includes the acquisition of copyrights to content (information products) and making this content available to the general public by engaging in (or arranging for) the reproduction and distribution of this content in various forms. Publishers may license rights to others to

distribute their content, or they may publish and distribute content they create or own. All the feasible forms of publishing (in print, digital, analogue, or any other form) and self-publishing activities are included in this division, except publishing of motion pictures and music.

This division covers the streaming of content (for example, software and books), by content publishers.

This division excludes the production of motion pictures, videos and movies, the publishing of music and the production of original (sound) master recordings, see division 59.

Also excluded are obtaining rights from publishers to broadcast and distribute content (see division 60), computer programming activities (see division 62), printing (see group 181) and the mass reproduction of recorded media (see class 182000).

581 Publishing of books, newspapers and other publishing activities, except software publishing

This group includes activities of publishing books, newspapers, magazines and other periodicals, directories, compilations, mailing lists and other works (for example, catalogues, photographs, calendars, greeting cards, postcards, forms, posters, reproductions of works of art). These works are characterised by the intellectual creativity required in their development and are usually protected by copyright. All the feasible forms of publishing (in print, digital, analogue, or any other form) are included.

5811 Publishing of books

581100 Publishing of books

This type includes:

- publishing of books, brochures and similar publications
- publishing of dictionaries and encyclopaedias
- publishing of atlases, maps and charts
- publishing of e-books and audiobooks
- publishing of comic books and graphic novels

All the feasible forms of publishing (in print, digital, analogue, or any other form) are included.

This type excludes:

- production of globes, see 329900
- publishing of advertising material, see 581900
- publishing of music and sheet music books, see 592000
- jointly publishing and distributing podcasts, see 592000
- audiobook streaming activities not associated with its publishing, see 601000
- activities of independent authors, see 901100

5812 Publishing of newspapers

581200 Publishing of newspapers

This type includes:

- publishing of newspapers

All the feasible forms of publishing (in print, digital, analogue, or any other form) are included.

**IMPLEMENTATION RULE**

Newspapers (including advertising newspapers) should be under editorial responsibility and control, appearing or being regularly updated at least four times a week, being composed mainly of literary works of a journalistic nature related to news, and having the purpose to inform the general public. If the product is published in both printed and electronic format, the frequency of publication will be assessed on the basis of the frequency of publication of the printed version.

This type also includes:

- advertising newspapers

This type excludes:

- production of television or video news programmes, see 591100
- news agency activities, see 603100
- activities of photojournalists, not self-publishing their own created content, see 742000
- activities of journalists whose content is published by a third party, see 901100

5813 Publishing of journals and periodicals

581300 Publishing of journals and periodicals

This type includes:

- publishing of journals and other periodicals
- publishing of radio and television schedules

All the feasible forms of publishing (in print, digital, analogue, or any other form) are included.

**IMPLEMENTATION RULE**

The publishing of a periodically or regularly updated collection of information should be under editorial responsibility and control, composed mainly of literary works of a journalistic nature, and having the purpose to inform the general public. Periodicals and other journals, appear less than four times a week. If the product is published in both printed and electronic format, the frequency of publication will be assessed on the basis of the frequency of publication of the printed version.

This type excludes:

- production of television or video news programmes, see 591100
- content distribution via blogs, see 603900
- activities of photojournalists, not self-publishing their own created content, see 742000
- activities of journalists whose content is published by a third party, see 901100

5819 Other publishing activities, except software publishing

581900 Other publishing activities, except software publishing

This type includes:

- publishing in any format, including print, digital or on the internet, e.g.:
  - directories and mailing lists

- compilations (e.g. case law, pharmaceutical compendia)
- catalogues
- photographs, engravings and postcards
- calendars
- greeting cards
- forms
- posters
- reproductions of works of art
- non-bound leaflets and advertising material
- statistics and other information
- datasets/databases without associated data processing services

This type excludes:

- retail sale of software on physical media, see 474000
- publishing of advertising newspapers, see 581200
- publishing of software, see 582
- production of video content, see 591100
- operation of content distribution (sharing) platforms, including blog and wiki sites, social network sites, and online gaming/video game sites, not associated with publishing of the content, see 603900
- application hosting, see 631000
- operation of web search portals, see 639100
- compiling of information or directories on a fee or contract basis, see 639200

582 Software publishing

This group includes the publishing of software (for example, operating systems, business and financial technologies software and applications, video games). Development and continuous updating of self-published video games and software are included here.

This group also includes:

- intermediation service activities for software publishing and operation of marketplaces for software downloads

5821 Publishing of video games

582100 Publishing of video games

This type includes:

- publishing of video games for all platforms and all devices
- provision of online game in-game and in-app purchases by the publisher, for all users, including subscribers

This type also includes:

- intermediation service activities for video game software publishing

This type excludes:

- reproduction of video game software, see 182000
- retail sale of non-customised video game software on physical media, see 474000
- operation of video game streaming sites for viewing only, see 602000
- operation of online gaming / video game sites, not associated with publishing, see 603900
- development of video game software, on behalf of others, see 621000
- application hosting, see 631000

- operation of gambling sites, see 920000

5829 Other software publishing

582900 Other software publishing

This type includes:

- publishing of other software, including:

- operating systems
- business and other applications (e.g. distributed ledger technology (DLT), financial technologies software)
- cybersecurity software
- modelling software

This type also includes:

- intermediation service activities for software publishing and software downloads

This type excludes:

- reproduction of software, see 182000
- retail sale of non-customised software on physical media, see 474000
- publishing of video games, see 582100
- online provision of software, not associated with publishing, see 603900
- operation of online gaming / video game sites, not associated with publishing, see 603900
- development of software, not associated with publishing, see 621000
- translation or adaptation of non-customised software for a particular market on a fee or contract basis, see 621000
- application hosting, see 631000
- use of published software for provision of financial and insurance activities, see section L

59 Motion picture, video and television programme production, sound recording and music publishing activities

This division includes production of theatrical and non-theatrical motion pictures videos or audiovisual works whether for direct projection in theatres, for broadcasting or streaming; supporting post-production activities (for example film editing, cutting, dubbing or conversion to video streaming formats); distribution of motion pictures and other audiovisual productions to other industries; as well as the projection of motion pictures or other audiovisual productions. Further included is the buying and selling of distribution rights for motion pictures or other audiovisual productions. This division also includes sound recording activities, in other words: the production of original (sound) master recordings, releasing, promoting and distributing them; the publishing of music, including distribution directly to the public via streaming

This division excludes the provision of streaming distribution services and downloads not associated with publishing of the content (see division 60), activities of independent musicians and actors, directors, stage designers and support activities to the performing arts (see section S), wholesale and retail sale of audio and video recordings on physical media (see section G), and video rental (see section O).

591 Motion picture, video and television programme activities

This group includes the production of theatrical and non-theatrical motion pictures, videos or audiovisual works, whether on film, hard drive or other digital storage media, including digital distribution, for direct projection in theatres or for broadcasting or streaming; supporting post-production activities (for example, film editing, cutting, dubbing or conversion to video streaming formats); distribution of motion pictures or other audiovisual productions to other industries as well as their projection.

Buying and selling of motion pictures or other audiovisual production distribution rights are also included.

5911 Motion picture, video and television programme production activities

591100 Motion picture, video and television programme production activities

This type includes:

- production of motion pictures, videos or audiovisual and television programme elements
- production of advertising films
- production of animated audiovisual works
- production of television or video news programmes
- production of vlogs
- production of video podcasts

This type excludes:

- film duplicating (except reproduction of motion picture film for theatrical distribution) as well as reproduction of audio and video recordings on physical media from master copies, see 182000
- wholesale of recorded media, see 464901
- retail sale of recorded media, see 476900
- post-production activities, see 591200
- reproduction of motion picture film for theatrical distribution, see 591200
- processing motion picture film, see 591200
- sound recording and recording of audiobooks, see 592000
- television broadcasting, see 602000
- creating a complete television channel programme, see 602000
- film processing, excluding processing motion picture film, see 742000
- activities of personal theatrical or artistic agents or agencies, see 749909
- rental of videotapes and DVDs to the general public, see 772200
- real-time (i.e. simultaneous) closed captioning (e.g. of live television performance meetings or conferences), see 829900
- activities of independent cartoonists, see 901200
- activities of independent actors, see 902001
- activities of independent stage designers and other support activities to the performing arts, see 903
- activities of independent directors, see 903900

5912 Motion picture, video and television programme post-production activities

591200 Motion picture, video and television programme post-production activities

This type includes:

- motion picture, video or audiovisual and television programme post-production activities, e.g.:

- editing, titling, subtitling credits, closed captioning
- film/tape transfers
- conversion to video streaming formats
- activities of motion picture film laboratories and activities of special laboratories for animated films:
  - developing and processing motion picture film
  - reproduction of motion picture film for cinema distribution

This type also includes:

- activities of stock footage film libraries, etc.

This type excludes:

- film duplication and reproduction of audio and video recordings from master copies, see 182000
- wholesale of recorded media, see 464901
- retail sale of recorded media, see 476900
- animation production, see 591100
- film processing, not for the motion picture industry, see 742000
- rental of recorded media to the general public, see 772200
- real-time (i.e. simultaneous) closed captioning, see 829900
- activities of independent actors, cartoonists, directors, stage designers, and other support activities to the performing arts, see division 90

5913 Motion picture and video distribution activities

**591300 Motion picture and video distribution activities**

This type includes:

- acquiring copyrights or distribution rights (e.g. for film and audiovisual works)
- distributing productions (e.g. film and audiovisual works to motion picture theatres, television networks and stations, and exhibitors)

This type excludes:

- film duplication and reproduction of audio and video recordings from master copies, see 182000
- wholesale of recorded media, see 464901
- retail sale of recorded media, see 476900
- reproduction of motion picture film for theatrical distribution, see 591200
- video streaming distribution and download service activities not associated with its publishing, see 602000
- management of copyrights and distribution rights for films, see 749100
- rental of recorded media, see 772200

5914 Motion picture projection activities

**591400 Motion picture projection activities**

This type includes:

- activities of motion picture or audiovisual projection in cinemas, in open air or other projection venues

592 Sound recording and music publishing activities

5920 Sound recording and music publishing activities

592000 Sound recording and music publishing activities

This type includes:

- production of original (sound) master recordings, including digital recordings, that are accessible online or via any hard copy
- sound recording service activities, including the production of recorded (i.e. non-live) radio programming, audio podcasts, as well as audio for film, television, books, etc.
- music publishing, i.e. activities of:
  - acquiring and registering copyrights for musical compositions
  - promoting, authorising and using these compositions in recordings, radio, television, motion pictures, live performances, print and other media
  - jointly publishing and distributing sound recordings via streaming and downloads

Releasing, promoting and distributing sound recordings to wholesalers, retailers or directly to the public may include production of master recordings or obtaining the reproduction and distribution rights to master recordings.

This type also includes:

- conversion of sound recordings to audio streaming formats
- publishing of music and sheet music books

This type excludes:

- reproduction from master copies of music or other sound recordings, see 182000
- wholesale of recorded media, see 464901
- retail sale of recorded media, see 476900
- audio streaming and download distribution service activities not associated with publishing, see 601000
- activities of musicians, see 902002

60 Programming, broadcasting, news agency and other content distribution activities

This division includes the activities of creating content or acquiring the right to distribute content and subsequently broadcasting or distributing that content. Types of produced or distributed content included in this division are radio, television, audio and audiovisual entertainment, news, talk, etc., including programmes that are typically narrowcast in nature (programmes that appeal to a particular segment of the population, such as news, sport, education, youth-oriented programming). The broadcasting or content distribution can be performed using different technologies, over-the-air, via satellite, via a cable network or via the internet broadcasting, streaming or downloads. This division also includes the broadcasting of live podcasts, third-party on-demand distribution of recorded podcasts and downloads, and activities of news agencies, social network sites, blogs and wiki sites, and online gaming / video game sites. Content may be made freely available to users or may be available only on a subscription or fee basis.

This division excludes: wholesale/retail sale of audio and video recordings on physical media (divisions 46 and 47) ; retail sale outlets of newspapers (division 47) ; publishing of video games and other software (division 58) ; the production of audio and audiovisual recordings (including recorded

podcasts), activities of vlog sites and the distribution of motion pictures, videos or audiovisual works and similar productions to motion picture theatres, television networks and stations, and exhibitors (division 59) ; the operation of cable or satellite television transmission networks (division 61) ; provision of computing infrastructure and hosting activities, and activities of web search portals (division 63) ; videodisc rental (division 77) ; activities of independent actors (including influencers appearing in vlogs) and independent bloggers (division 90) ; activities of gambling sites (division 92).

601 Radio broadcasting and audio distribution activities

6010 Radio broadcasting and audio distribution activities

**601000 Radio broadcasting and audio distribution activities**

This type includes:

- broadcasting audio signals, through radio broadcasting studios and facilities for the transmission of aural programming to the public, to affiliates or to subscribers
- on-demand audio streaming and download services by third party distributors with distribution rights
- broadcasting live podcasts

This type also includes:

- activities of radio networks, i.e. assembling and transmitting aural programming to the affiliates or subscribers via over-the-air broadcasts, cable or satellite
- radio broadcasting activities over the internet (internet radio)

This type excludes:

- wholesale of audio recordings on physical media, see 464901
- retail sale of audio recordings on physical media, see 476900
- publishing of audiobooks, including streaming and download services of book publishers, see 581100
- publishing of music and other sound recordings, including streaming and download services of music and other sound recording publishers, see 592000
- production of radio programming and audio podcasts, see 592000
- provision of technical infrastructure services related to audio streaming services without having acquired the rights to the audio content, see 631000

602 Television programming, broadcasting and video distribution activities

6020 Television programming, broadcasting and video distribution activities

**602000 Television programming, broadcasting and video distribution activities**

This type includes the creation of a complete television channel programme, from purchased programme components (for example, movies, documentaries), self-produced programme components (for example, local news, live reports), or a combination thereof.

This complete television programme can be either broadcast by the producing unit or produced for transmission by a third-party operator of transmission facilities (for example, cable companies, satellite television providers).

The programming may be of a general or specialised nature (for example, narrowcast formats such as news, sport, education, youth-oriented programming), may be made freely available to users or may be available only on a subscription basis.

This type also includes:

- programming of video-on-demand channels
- video streaming and download service activities not associated with its publishing
- broadcasting of live performances and events
- operation of video game streaming sites

This type excludes:

- video game publishers, streaming and download distribution service activities of video game publishers, see 582100
- production of television programme elements (movies, documentaries, talk shows, commercials, etc.), see 591100
- assembly of a package of channels and transmission of that package, by cable or satellite transmission network operators to viewers, see 611000
- provision of technical infrastructure related to video streaming services, data processing services and related activities, see 631000
- rental of recorded videos on physical media to the general public, see 772200

603 News agency and other content distribution activities  
This group includes the activities of news agencies and content distribution sites (for example, social network sites, wiki sites, online gaming / video game sites.

This group excludes:

- activities of libraries and archives, see 911

6031 News agency activities

603100 News agency activities

This type includes:

- news syndicate and news agency activities furnishing news, pictures and features to the media, publishers and broadcasters

This type excludes:

- retail sale of newspapers, see 476201
- publishing activities, see 581
- broadcasting and audio or video streaming activities (having distribution rights), see 601000, 602000
- provision of technical infrastructure related to audio or video streaming services, data processing services and related activities, see 631000
- activities of independent photojournalists, see 742000
- activities of independent journalists, see 901100

6039 Other content distribution activities

603900 Other content distribution activities

This type includes:

- distribution services of content sharing sites (e.g. wiki sites, social network sites) which publish content produced and edited by users and are not under editorial responsibility and control
- operation of online gaming / video game sites, independent of publishing the games
- provision of e-books as streaming or downloading services, not associated with publishing
- online provision of software, not associated with publishing
- content distribution via blogs

This type excludes:

- intermediation service activities for retail sale, see 479
- intermediation service activities for passenger transportation, see 523200
- intermediation services activities for accommodation, see 554000
- publishing of e-books, see 581100
- publishing of video games and other software, see 582
- audiovisual production activities, see 591100
- activities of music platforms, see 601000
- activities of video game streaming sites for viewing only, see 602000
- news agency activities, see 603100
- provision of audio or video data hosting for streaming or downloading services (i.e. particularly data storing and sending) without having acquired the rights to the audio or video content, see 631000
- provision of computing infrastructure and hosting services, see 631000
- activities of web search portals, see 639100
- activities of journalists and other writers, whose content is published by a third party, see 901100
- activities of actors and other performing artists, see 902001
- activities of libraries and archives, see 911
- activities of gambling sites, see 920000

- K TELECOMMUNICATION, COMPUTER PROGRAMMING, CONSULTING, COMPUTING INFRASTRUCTURE AND OTHER INFORMATION SERVICE ACTIVITIES
- This section includes telecommunication and related service activities, in other words, transmitting voice, data, text, sound and video (division 61), computer programming, consultancy and related activities (division 62), and the provision of computing infrastructure, data processing, hosting and other information service activities (division 63).
- This section excludes:
- publishing, broadcasting and content production, including software publishing, post-production services to convert audio and video content into streaming formats and independent third-party provision of on-demand audio and video streaming or download distribution services, see section J
  - provision of financial and insurance services using published financial and insurance technologies software, see section L
  - activities of gambling sites, see 920000
  - repair and maintenance of computers and communication equipment, see 951000
- 61 Telecommunication
- This division includes:
- activities of providing telecommunication and related service activities, i.e. transmitting voice, data, text, sound and video. The transmission facilities that carry out these activities may be based on a single technology or a combination of technologies. The commonality of activities classified in this division is the transmission of content, without being involved in its creation or alteration. In the case of transmission of television signals this may include complete bundled and programmed channels (produced in division 60) into programme packages
  - provision of services for machine-to-machine communication
  - transmission of audio or video data without having acquired the rights to the audio or video content
- This division excludes:
- motion picture, audiovisual, television programme, and sound recording production and post-production activities, including services to convert audio and video content into streaming formats, see division 59
  - activities of broadcasting and provision of audio and video streaming or download distribution services, see division 60
- 611 Wired, wireless, and satellite telecommunication activities
- 6110 Wired, wireless, and satellite telecommunication activities
- 611000 Wired, wireless, and satellite telecommunication activities
- This type includes:
- operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using wired, wireless or satellite telecommunication infrastructure, including:

- operating and maintaining switching and transmission facilities to provide point-to-point communication via landlines, microwave or a combination of landlines and satellite link-ups
- operating of cable distribution systems (e.g. for distribution of data and television signals) with or without providing customers with third-party video-on-demand services
- provision of internet access by the operator of the infrastructure
- maintaining and operating cellular and other wireless telecommunication networks (including paging systems)
- delivery of visual, aural or textual programming received from cable networks, local television stations or radio networks to consumers via direct-to-home satellite systems or via internet protocol television (the units classified here generally do not produce programming material)
- voice over internet protocol (VoIP) provision by the operator of the infrastructure

The transmission facilities that carry out these activities, may be based on a single technology or a combination of technologies.

This type excludes:

- installation of telecommunication, computer network and cable television wiring in buildings, including fibre optic wiring without operating facilities for the transmission of data, see 432100
- publishing of instant messaging or satellite geolocation applications, see 582900
- telecommunication reselling activities and intermediation service activities for telecommunication, see 612000
- provision of telephone and internet access in facilities open to the public, e.g. internet cafés, see 612000
- Voice Over Internet Protocol (VOIP) provision, without operating facilities for the transmission of data, see 619000

612 Telecommunication reselling activities and intermediation service activities for telecommunication

6120 Telecommunication reselling activities and intermediation service activities for telecommunication

612000 Telecommunication reselling activities and intermediation service activities for telecommunication

This type includes:

- reselling of wired, wireless, and satellite telecommunication (i.e. purchasing and reselling network capacity), including activities of telecommunication brokers and resellers of prepaid calling cards and services
- intermediation services for wired, wireless, and satellite telecommunication activities, including:
  - agent activities for telecommunication carriers
  - selling mobile telephone service plans on an agent basis
  - wireless telephone service plan sales agent activities, selling on behalf of wireless telecommunication carriers

- agent activities for mobile virtual network operators (MVNOs)
- provision of telephone and internet access in facilities open to the public

This type excludes:

- provision of telecommunication services by operators of telecommunication infrastructure, see 611000

619 Other telecommunication activities

6190 Other telecommunication activities

619000 Other telecommunication activities

This type includes:

- provision of specialised telecommunication applications (e.g. satellite tracking, communication telemetry, radar station operations)
- operation of satellite terminal stations and associated facilities operationally connected with one or more terrestrial communication systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems
- provision of internet access over networks between the client and the internet service provider not owned or controlled by the internet service provider (e.g. dial-up internet access)
- transmission via the internet of text messaging (SMS)
- voice over internet protocol (VoIP), text messaging (SMS), advanced data services (SMS+, MMS+) and provision of SMS push services, without operating facilities for the transmission of data

This type also includes:

- provision of notification services (e.g. SMS bank alerts, advertising)

This type excludes:

- provision of internet access by operators of telecommunication infrastructure, see 611000
- reselling of telecommunication services and intermediation services for telecommunication, see 612000

62 Computer programming, consultancy and related activities

This division includes:

- activities of providing expertise in the field of information technologies, designing the structure and content of, and/or writing, modifying, customising, testing and supporting software and applications
- planning and designing computer systems that integrate computer hardware, software and communication technologies
- on-site management and operation of clients' computer systems and/or data processing facilities
- computer hardware, software, and systems consultancy services

This division excludes:

- software publishing, see division 58
- provision of online gaming / video game sites not associated with its publishing, see division 60
- provision of computing infrastructure, data processing and hosting, see division 63

- provision of financial and insurance services using published financial and insurance technologies software, see section L
- activities of gambling sites, see 920000
- repair and maintenance of computers and communication equipment, see 951000

621 Computer programming activities

6210 Computer programming activities

621000 Computer programming activities

This type includes:

- designing the structure and content of, the writing, modifying (including updates and patches), testing and maintaining of software and applications, including:

- systems software
- video game software and applications / gaming applications
- video game middleware
- business and finance software applications
- machine learning applications
- artificial intelligence / machine vision applications
- cybersecurity applications
- distributed ledger applications
- databases and web pages

- customising of software, i.e. modifying and configuring an existing application so that it is functional within the clients' information system environment

This type also includes:

- development of applications

This type excludes:

- publishing of software or gaming on demand services, cloud-based software and gaming applications, see 582
- development of software associated with publishing, see 582
- translation or adaptation of non-customised software for a particular market on own account, see 582900
- operation of online gaming / video game sites, see 603900
- planning and designing computer systems that integrate computer hardware, software and communication technologies, even though providing software might be an integral part, see 622000
- data processing activities (e.g. by using blockchain / distributed ledger technology (DLT)), see 631000
- operation of gambling sites, see 920000
- repair and maintenance of computers and communication equipment, see 951000

622 Computer consultancy and computer facilities management activities

6220 Computer consultancy and computer facilities management activities

TELECOMMUNICATION, COMPUTER PROGRAMMING, CONSULTING, COMPUTING  
INFRASTRUCTURE AND OTHER INFORMATION SERVICE ACTIVITIES

- 622000 Computer consultancy and computer facilities management activities**  
 This type includes:
- computer hardware, software and systems consultancy activities, including cybersecurity consultancy activities
  - planning and designing of computer systems which integrate computer hardware, software and communication technologies
  - provision of on-site management and operation of clients' computer systems and/or data processing facilities, as well as related support services
  - installation of computer systems and provision of training and support to users of such systems
  - activities of auditing and certification of computing and data processing infrastructures and services
- This type also includes:
- cybersecurity network and system monitoring, testing and analysis
  - provision of advice on software requirements and procurement of the hardware and software components of a computer system
- This type excludes:
- installation of mainframe and similar computers, see 332000
  - sale of computer hardware or software on physical media, see 465000, 474000
  - software publishing, see 582
  - installation (setting-up) of personal computers, see 629000
  - software installation, see 629000
  - computer disaster recovery services, see 629000
  - general cybersecurity training, see 855902

629 Other information technology and computer service activities

6290 Other information technology and computer service activities

- 629000 Other information technology and computer service activities**  
 This type includes other information technology and computer related activities not elsewhere classified, for example:
- computer disaster recovery services
  - installation (setting-up) of personal computers
  - third party software installation services
- This type excludes:
- installation of mainframe and similar computers, see 332000
  - computer programming, see 621000
  - computer consultancy, see 622000
  - computer facilities management, see 622000
  - provision of computing infrastructure, data processing and hosting, see 631000

63 Computing infrastructure, data processing, hosting and other information service activities

This division includes the provision of computing infrastructure, data processing and hosting activities, as well as activities of web search portals and other activities that primarily supply information.

This division excludes:

- software publishing, see division 58
- news agency activities and provision of online gaming/video game sites, not associated with publishing, see division 60
- telecommunication activities, see division 61
- computer programming, computer systems design and computer facilities management activities, see division 62
- activities of gambling sites, see 920000
- repair and maintenance of computers and communication equipment, see 951000

631 Computing infrastructure, data processing, hosting and related activities

6310 Computing infrastructure, data processing, hosting and related activities

631000 Computing infrastructure, data processing, hosting and related activities

This type includes:

- provision of computing infrastructure, including cloud infrastructure and platform provision (IaaS, PaaS)
- cloud computing (except software publishing and computer systems design), whether or not in combination with infrastructure provision
- provision of technical infrastructure related to streaming services, data processing services and related activities:
  - complete processing of data supplied by clients
  - generation of specialised reports from data supplied by clients
  - blockchain / distributed ledger technology (DLT) data processing activities
- specialised hosting activities, e.g.:
  - web hosting
  - application hosting
- general time-share provision of mainframe facilities to clients
- digitalisation of files (for further processing of data)
- provision of data entry services
- data centre collocation activities (i.e. rental of server and networking space in data centres, including routine monitoring of servers)
- digital data storage
- issuing of crypto-assets without a corresponding liability (not by a monetary authority)

This type excludes:

- software publishing, see 582
- provision of applications by downloads or by streaming, see 582
- post-production services to convert video content into streaming formats, see 591200
- post-production services to convert audio content into streaming formats, see 592000
- audio streaming and download distribution service activities not associated with publishing, see 601000

- video streaming and download distribution service activities not associated with publishing, see 602000
- computer systems design, see 622000
- electronic storage of archival material for access by the general public, see 911200
- repair and maintenance of computers and communication equipment, see 951000
- activities where the service provider uses computers only as a tool are classified according to the nature of the services rendered

639 Web search portal activities and other information service activities

This group includes:

- operation of web sites that use a search engine to generate and maintain extensive databases of internet addresses and content in an easily searchable format (web search portals)
- other information service activities not elsewhere classified, e.g.:
  - telephone-based information services
  - information search services on a contract or fee basis
  - news clipping services, press clipping services

The primary source of revenue from advertising does not have a bearing on classification for these activities.

This group excludes:

- intermediation service activities for retail sale, see 479
- intermediation service activities for passenger transport, see 523200
- intermediation service activities for accommodation, see 554000
- publishing activities, see division 58
- broadcasting activities, see division 60
- news syndicate and news agency activities, see 603100
- activities of call centres, see 822000

6391 Web search portal activities

639100 Web search portal activities

This type includes:

- operation of web sites that use a search engine to generate and maintain extensive databases of internet addresses and content in an easily searchable format; these web search portals are not responsible for the content
- operation of comparison websites for prices, product specification, etc., with provision of links to other websites

This type excludes:

- intermediation service activities for specialised construction services, see 436000
- intermediation service activities for retail sale, see 479
- intermediation service activities for transport, see 523
- intermediation service activities for postal and courier activities, see 533000
- intermediation service activities for accommodation, see 554000
- intermediation service activities for food and beverage service activities, see 564000

- publishing activities, see division 58
- broadcasting activities, see division 60
- news syndicate and news agency activities, see 603100
- intermediation service activities for telecommunication, see 612000
- intermediation service activities for real estate activities, see 683100
- intermediation service activities for the rental and leasing of tangible goods and non-financial intangible assets, see 775
- activities of call centres, see 822000
- intermediation service activities for business support service activities n.e.c., see 824000
- intermediation service activities for courses and tutors, see 856100
- intermediation service activities for medical, dental and other human health services, see 869700
- intermediation service activities for residential care activities, see 879100
- intermediation service activities for the repair and maintenance of computers, personal and household goods, and motor vehicles and motorcycles, see 954000
- intermediation service activities for personal services, see 964000

6392 Other information service activities

639200 Other information service activities

This type includes:

- other information service activities not elsewhere classified, e.g.:
  - information search services on a contract or fee basis (e.g. by web scraping)
  - news clipping services, press clipping services
  - compiling of information or directories on a fee or contract basis

This type excludes:

- intermediation service activities for specialised construction services, see 436000
- intermediation service activities for retail sale, see 479
- intermediation service activities for transport, see 523
- intermediation service activities for postal and courier activities, see 533000
- intermediation service activities for accommodation, see 554000
- intermediation service activities for food and beverage service activities, see 564000
- publishing activities, see division 58
- broadcasting activities, see division 60
- news syndicate and news agency activities, see 603100
- intermediation service activities for telecommunication, see 612000
- intermediation service activities for real estate activities, see 683100
- intermediation service activities for the rental and leasing of tangible goods and non-financial intangible assets, see 775
- activities of call centres, see 822000
- intermediation service activities for business support service activities n.e.c., see 824000
- intermediation service activities for courses and tutors, see 856100

- intermediation service activities for medical, dental and other human health services, see 869700
- intermediation service activities for residential care activities, see 879100
- intermediation service activities for the repair and maintenance of computers, personal and household goods, and motor vehicles and motorcycles, see 954000
- intermediation service activities for personal services, see 964000

- L FINANCIAL AND INSURANCE ACTIVITIES**  
 This section includes financial service activities, insurance activities and financial auxiliary activities, regardless of the technologies used to conduct these activities or support services.  
 Three principal types of activities are classified in this section: raising, obtaining and providing funding (division 64); pooling of risk by underwriting insurance and annuities (division 65); and providing specialised services facilitating or supporting financial or insurance service activities (division 66).  
 This section also includes activities of holding assets, such as the activities of holding companies and financing conduits and the activities of trusts, funds and similar financial entities (division 64), as well as the activities of reinsurance and pens  
 This section excludes support activities to financial services that are not financial in nature (for example, IT services supporting banking activities).
- 64 Financial service activities, except insurance and pension funding**  
 This division includes the activities of obtaining and providing funds other than for the purpose of insurance or pension funding or compulsory social security.  
 This division also includes activities of holding financial assets (such as the activities of holding companies and financing conduits and the activities of trusts, funds and similar financial entities), which are not activities according to the NOGA prin  
 This division excludes the activities of promotional institutions for economic development through long-term investments at local, regional and national level provided that they act as the government's arm for the execution of their public policy mandate, see 841300.
- 641 Monetary intermediation**  
 This group includes obtaining and providing funds in the form of transferable deposits or close substitutes, in other words, funds that are fixed in money terms, obtained on a day-to-day basis and distributing these funds.
- 6411 Central banking**
- 641100 Central banking**  
 This type includes:  
 - issuing and managing banknotes and digital currency  
 - conducting monetary policy, including monitoring and control of the money supply  
 - promoting financial stability  
 - taking deposits that are used for clearance between monetary intermediaries  
 - supervising banking or non-banking monetary operations, unless performed by some other entity  
 - holding the country's international reserves  
 - acting as banker to the government  
 This type also includes:  
 - activities of central banks, currency boards and central monetary agencies  
 This type excludes:

- operation and supervision of financial markets other than by central banks and public authorities, see 661100
- financial supervisory activities for insurance and pension funding (not by the central bank), see 662909
- financial regulation relating to the conduct of business and consumer protection and other wider financial regulatory activities, see 841300
- activities of international organisations (e.g. the World Bank), see 990002

#### 6419 Other monetary intermediation

This class includes the receiving of deposits and/or close substitutes for deposits and extending of credit or other forms of lending funds. The granting of credit can take a variety of forms (for example, loans, mortgages, consumer credit cards, and so on). These activities are generally carried out by monetary institutions other than central banks, for example:

- banks
- savings banks
- credit cooperatives and unions

This class also includes:

- activities of postal banks (e.g. for giro (current) and savings accounts)
- credit granting by specialised deposit-taking institutions (e.g. for house purchases, agriculture)
- money order activities

This class excludes:

- credit granting by specialised non-depository institutions (e.g. for house purchases), see 649200
- credit card transaction processing and settlement activities, see 661900

#### 641901 Cantonal banks

This type includes:

- activities of cantonal banks

**Business focus:** Most cantonal banks operate in all fields of business, although they are particularly strong in the savings and mortgage business. In a few cases, asset management for resident customers also plays an important role.

**Geographic scope of activities:** Cantonal bank operations are largely focused on their own canton, although some of them have branches outside their canton or offices even outside the country

**Legal status:** Most cantonal banks are institutions under public law, with their own legal status. There are also some semi-private and private joint-stock companies

#### 641902 Big banks

This type includes:

- activities of big banks

**Business focus:** Big banks are economically important banks, which, in principle, offer all types of business, including in particular investment banking (capital market transactions, securities trading, money market transactions, financial engineering, securities lending, consulting services for company mergers and acquisitions as well as the implementation of such operations). Big banks are part of a financial group, as defined in art. 3c of the Banking Act.

Geographic scope of activities: The financial groups to which the big banks belong operate globally and have a network of branches and subsidiaries around the world

Legal status: Private joint-stock companies

**641903 Regional banks and saving banks**

This type includes:

- activities of regional banks and saving banks

Business focus: Most banks in this category focus on traditional interest rate business with mortgages and corporate loans, on the one hand, and customer savings and deposits, on the other

Geographic scope of activities: Regional

Legal status: Mostly private joint-stock companies, although there are also cooperatives or other legal forms

**641904 Raiffeisen banks**

This type includes:

- activities of Raiffeisen banks

Business focus: The Raiffeisen banks focus mostly on traditional interest rate business with mortgages and corporate loans, on the one hand, and customer deposits, on the other

Geographic scope of activities: Although most of the business done by individual offices is regional, the Raiffeisen Switzerland Cooperative operates throughout the country

Legal status: Cooperative

**641905 Stock exchange banks**

This type includes:

- activities of stock exchange banks

Business focus: Stock exchange banks operate mainly in the field of asset management. They serve clients both inside and outside Switzerland.

Geographic scope of activities: International.

Legal status: Private joint-stock companies..

**641906 Foreign-controlled banks**

This type includes:

- activities of foreign-controlled banks

Business focus: Many foreign-controlled banks operate in all fields of business, but some of them focus on asset management or investment banking. In the case of asset management, they mainly serve clients abroad.

Geographic scope of activities: International

Legal status: Private joint-stock companies

**641907 Branches of foreign banks**

This type includes:

- activities of branches of foreign banks

Business focus: Most branches of foreign banks operate in the field of investment banking. A few banks also focus on asset management for clients abroad

Geographic scope of activities: International, focused particularly on the country of origin

Legal status: Unlike foreign-controlled banks, the branches of foreign banks are not legal entities in their own right. In terms of their business operations, as in legal respects, they are subordinate to their parent company.

**641908 Private bankers**

This type includes:

- activities of private bankers

Business focus: Most private bankers work in the field of asset management. They have both resident and non-resident customers.

Geographic scope of activities: International and domestic

Legal status: Sole proprietorships, limited and general partnerships, and partnerships limited by shares; private bankers are jointly and severally liable as partners

**641909 Other banking institutions**

This type includes:

- activities of banking institutions subject to the Federal Act on Banks and Savings Banks whose field of business does not match the above types (641901 to 641908)

**641919 Other monetary intermediation n.e.c.**

This type includes:

- other monetary intermediations not comprised in banking statistics.

**642 Activities of holding companies and financing conduits**

This group includes the activities of holding companies and financing conduits. These are corporate groups' captive financial entities, in other words, units created by a financial or non-financial group to fulfil specific financial activities and whose main activity is, respectively, to own the group or to act as a vehicle to arrange and channel funds within the group.

This group excludes:

- captive factoring and invoicing companies, see 649200
- own account investment activities (e.g. by venture capital companies, private equity firms), see 649900
- active management of companies and enterprises, strategic planning and decision making of the company, see 7010
- other activities of corporate groups' captive financial entities, which are captured under the relevant activity classes

**6421 Activities of holding companies**

**642100 Activities of holding companies**

This type includes the activities of holding companies, in other words, units that hold the assets (owning controlling levels of equity) of one or more subsidiaries and whose only purpose is owning subsidiaries. The holding companies in This type do not provide any other service to the enterprises in which the equity is held, in other words, they do not administer or manage other units.

This type excludes:

- activities of shareholding companies, not owning controlling levels of equity, see 643200

- dealing in financial markets on own account, see 649900
- activities of asset management on a fee or contract basis, see 663000
- provision of managerial services (e.g. strategic planning, decision making and administrative services of a head office), see 7010
- active management of companies and enterprises, strategic planning and decision-making of the company, see 7010

6422      Activities of financing conduits

642200      Activities of financing conduits

This type includes the activities of financing conduits, in other words, units created by a financial or non-financial group to raise or borrow funds (often on the open market) and to remit those funds to their parent or another entity within the group.

This type also includes:

- activities of captive financial institutions involved in intragroup lending
- brass plate companies engaged in raising funds and remitting those funds to their parent, i.e. units that are owned (directly or indirectly) by a non-

This type excludes:

- management services of public funds and public debt, see 841100

643      Activities of trusts, funds and similar financial entities

This group includes legal entities organised to pool securities or other financial assets, without managing or administering them, on behalf of shareholders or beneficiaries. The portfolios are customised to achieve specific investment characteristics (for example, diversification, risk, rate of return, price volatility). These entities earn interest, dividends and other property income, but have little or no employment and no revenue from the sale of services.

This group excludes:

- activities of entities that earn revenue from the sale of goods or services. These types of entities are therefore classified according to their principal activity in other parts of NOGA (like in division 66 for fund management, division 68 for rental and operating of real estate, or in division 77 for rental and leasing of ships or airplanes)
- carrying out securitisation transactions by issuing of financial instruments, see 649200
- securitisation transactions of assets other than loans by issuing financial instruments, see 649900
- trust, estate and agency accounts that earn revenue from the sale of goods or services, see relevant NOGA classes according to their principal activity

6431      Activities of money market and non-money market investments funds

This class includes activities of money market and non-money market investment funds, in other words, collective investment schemes that raise funds by issuing shares or units to the public, of which the proceeds are invested primarily in financial assets (including short-term assets).

This class includes:

- open-end investment funds
- closed-end investment funds

- unit and investment trusts

This class excludes:

- activities of holding companies, see 642100

- activities of non-majority shareholding companies, not owning controlling levels of equity, see 643200

- trusts, estate and agency accounts not acting as collective investment schemes, see 643200

- activities of venture capital companies, see 649900

- pension funding, see 653000

- management of funds, see 663000

#### 643101 Activities of money market investments funds

This type includes:

- activities of money market funds (MMFs). MMFs are collective investment schemes that raise funds by issuing shares or units to the public, the proceeds of which are invested primarily in the following instruments: money market instruments, MMF shares or units, transferable debt instruments with a residual maturity of not more than one year, bank deposits, and instruments that pursue a rate of return that approaches the interest rates of money market instruments.

This type also includes:

- activities of investment foundations if they invest in money market instruments, MMF shares or units, transferable debt instruments with a residual maturity of not more than one year, bank deposits, and instruments that pursue a

#### 643102 Activities of non-money market investments funds

This type includes:

- activities of non-money market investment funds. Non-MMF investment funds are collective investment schemes that raise funds by issuing shares or units to the public and that invest the proceeds mainly in financial assets other than short-term assets and in non-financial assets. Non-MMF investment funds cover investment trusts, unit trusts and other collective investment schemes whose investment fund shares or units are not seen as close substitutes for deposits. They are not transferable by means of cheque or direct third-party payments.

This type also includes:

- activities of investment foundations if they invest in assets other than short-term assets

This type excludes:

- activities of investment funds that earn revenue from the sale of goods or services. These type of funds are classified according to their principal activity (e.g. real estate funds), see 681100

#### 6432 Activities of trust, estate and agency accounts

#### 643200 Activities of trust, estate and agency accounts

This type includes legal entities, not acting as collective investment schemes, organised to pool securities, estates and other financial assets, without managing, on behalf of shareholders or beneficiaries. The portfolios are customised to achieve specific investment characteristics (for example,

diversification, risk, rate of return, price volatility). These entities earn interest, dividends and other property income but have little or no employment and no revenue from the sale of services.

This type includes:

- trusts, estates and agency accounts, administered on behalf of multiple beneficiaries under the terms of a trust agreement, will or agency agreement

This type also includes:

- activities of shareholding companies, not owning controlling levels of equity
- venture capital companies where the only financing is by shares and no fee is received

This type excludes:

- raising funds by issuing shares or units and acting as collective investment schemes, see 6431

649 Other financial service activities, except insurance and pension funding  
This group includes financial service activities (except insurance and pension funding activities), other than those conducted by monetary institutions, holding companies and financing conduits, trusts, funds and similar entities.

This group excludes:

- insurance and pension funding activities, see division 65

6491 Financial leasing

649100 Financial leasing

This type includes the activities of financial leasing, a contract under which the lessor as legal owner of an asset conveys the risks and benefits of ownership of the asset to the lessee. Under a financial lease, the lessor is deemed to make, to the lessee, a loan with which the lessee acquires all the economic benefits and risks of the lease. Thereafter, the leased asset is shown on the balance sheet of the lessee and not the lessor; the corresponding loan is shown as an asset of the lessor and a liability of the lessee.

This type also includes:

- financial leasing of durable goods (e.g. vehicles)

This type excludes:

- operating leasing, according to type of goods leased, see division 77

6492 Other credit granting

649200 Other credit granting

This type includes:

- financial service activities primarily concerned with making intermediation by incurring liabilities – in forms other than currency, deposits or close substitutes for deposits – where the granting of credit can take a variety of forms (e.g. loans, mortgages, credit cards), providing the following types of services:

- granting of consumer credit by non-depository institutions

- international trade financing
- provision of long-term finance to industry
- provision of banking-like services without a banking license, in cooperation with a licensed bank
- money lending outside the banking system
- credit granting by specialised non-depository institutions (e.g. for house purchases)
- loan securitisation
- factoring and supply chain financing activities
- activities of pawnbrokers

This type excludes:

- credit granting by specialised deposit-taking institutions, see 6419
- financial leasing, see 649100
- securitisation of assets other than loans, see 649900
- operating leasing according to type of goods leased, see division 77
- grant-giving activities by membership organisations, see 9499

6499 Other financial service activities, except insurance and pension funding n.e.c.

649900 Other financial service activities, except insurance and pension funding n.e.c.

This type includes:

- other financial service activities primarily concerned with distributing funds other than by granting loans:
  - writing of swaps, options and other hedging arrangements
  - activities of viatical settlement companies
- own account investment and trading activities (e.g. by venture capital companies, investment clubs)
- acting as a counterparty for the clearing and settlement of transactions

This type also includes:

- dealing in financial markets on own account
- trade of receivables on own account
- security and derivate dealers (operating on own account)
- activities of financial vehicle corporations other than securitisation
- securitisation

This type excludes:

- issuing of crypto-assets without a corresponding liability (not by a monetary authority), see 631000
- financial leasing, see 649100
- loan securitisation, see 649200
- security and commodity contracts dealing on behalf of others (brokerage), see 661200
- exchange of currency on a fee basis, e.g. bureaux de change, see 661200
- brokerage of crypto-assets with liabilities that qualify as securities, see 661200
- mortgage brokerage, see 661900
- management of investment funds, see 663000
- trade, leasing and rental of real estate property, see division 68
- bill collection without debt buying up, see 829100
- grant giving activities by membership organisations, see 9499

- 65 Insurance, reinsurance and pension funding, except compulsory social security  
 This division includes underwriting annuities, insurance policies (for example, direct life and non-life insurance) and investing premiums to build up a portfolio of financial assets to be used against future claims. Provision of direct insurance, pension funding and reinsurance are included.  
 This division excludes:  
 - provision of insurance related services on a fee or contract basis, see division 66
- 651 Insurance  
 This group includes life insurance with or without a substantial savings element and non-life insurance.  
  
 This group includes:  
 - life insurance and life reinsurance with or without a substantial savings element and other non-life insurance  
 - activities of insurance providers on own account  
 - pooling and assuming insurance risks  
 This group also includes:  
 - captive insurance activities.  
 This group excludes:  
 - selling of insurance as a broker, see 662200
- 6511 Life insurance
- 651100 Life insurance  
 This type includes:  
 - term life insurance  
 - permanent life insurance  
 - underwriting annuities and life insurance policies, disability income insurance policies, accidental death, funeral and dismemberment insurance policies (with or without a substantial savings element)  
 This type also includes:  
 - supplementary insurance underwritten in addition to life insurance, in particular, insurance against personal injury, including incapacity for employment, insurance against death resulting from an accident and insurance against
- 6512 Non-life insurance
- 651201 Public accident insurance  
 This type includes:  
 - provision of accident insurance services by a public-sector company
- 651202 Accident and indemnity insurance  
 This type includes:  
 - provision of accident and indemnity insurance e.g.:  
 • accident insurance

- household insurance
- automobile insurance
- fire insurance
- pecuniary insurance
- liability insurance
- legal protection insurance
- insurance against hail
- transport insurance
- cargo insurance and animal insurance

This type excludes:

- provision of health insurance services, see 651203

#### 651203 Health insurance

This type includes:

- provision of basic health and supplemental insurances services

This type also includes:

- provision of accident insurance services provided by health insurers

#### 651209 Non-life insurance n.e.c.

This type includes:

- provision of insurance services other than life insurance not classified elsewhere e.g.:
  - cantonal fire and natural elements insurance for buildings
  - cantonal and occupational family compensation funds

652 Reinsurance

6520 Reinsurance

#### 652000 Reinsurance

This type includes:

- activities of assuming all or part of the risk associated with existing insurance policies originally underwritten by other insurance providers

This type also includes:

- activities of finite reinsurance

653 Pension funding

6530 Pension funding

#### 653000 Pension funding

This type includes the provision of retirement income benefits exclusively for the sponsor's employees or members and other insurance products regulated as employer-related funds. It includes pension plans with defined benefits as well as defined contributions.

This type includes:

- activities of private or public pension companies (foundations, co-operative societies) concerned with legal mandatory or optional occupational pension

- provision of employee benefit plans
- provision of pension funds and plans
- provision of retirement plans

This type also includes:

- activities of pension companies which provide statutory benefits and have active insured members
- activities of frozen or ceasing-activity pension companies, without active insured members
- activities of benevolent funds witho

This type excludes:

- management of pension funds, see 663000
- compulsory social security schemes, see 843000

66 Activities auxiliary to financial services and insurance activities  
This division includes the provision of services involved in or supporting financial transactions in financial assets and liabilities, without taking ownership of the financial assets and liabilities being transacted.

These services can be provided via/in different media/ways, including over the internet.

661 Activities auxiliary to financial services, except insurance and pension funding  
This group includes the furnishing of physical or electronic marketplaces for the purpose of facilitating the buying and selling of stocks, stock options, bonds or commodity contracts, and trading of crypto assets with liabilities. It also includes other miscellaneous services, including the provision of financial advisory services, asset management or the provision of equity and debt-based crowdfunding.

6611 Administration of financial markets

661100 Administration of financial markets

This type includes the operation and supervision of financial markets other than by central banks and public authorities, for example:

- commodity contracts exchanges
- futures commodity contracts exchanges
- securities exchanges
- stock exchanges
- stock or commodity options exchanges
- crypto-asset exchanges
- administration of financial markets, except insurance and pension funding
- financial supervisory authorities of financial service activities, except insurance and pension funding (not by the central bank)

This type excludes:

- energy exchanges for electricity, transmission or distribution capacities, see division 35

- administration of financial markets for insurance and pension funding, see 662909
- financial supervisory authority of insurance and pension funding (not by the central bank), see 662909
- financial and market regulation relating to the conduct of business and consumer protection and other wider financial regulatory activities, see 841300

6612 Security and commodity contracts brokerage

**661200 Security and commodity contracts brokerage**

This type includes:

- dealing in financial markets on behalf of others (e.g. stockbroking) and related activities
- securities brokerage
- brokerage of investment funds shares
- brokerage of standardised commodity contracts
- currency trading on behalf of others
- brokerage of crypto-assets with liabilities that qualify as securities
- exchange of currency on a fee basis (e.g. bureaux de change)
- equity-based crowdfunding
- debt-based crowdfunding offering loans and securities

This type also includes:

- brokerage of securities for investment projects (e.g. wind or solar parks)

This type excludes:

- dealing in financial markets on own account, see division 64
- exchange of currency on own account, see 649900
- portfolio management, on a fee or contract basis, see 663000
- buying and selling of real estate projects (e.g. wind or solar parks), see division 68
- donation-based fundraising, see 829900
- trading and brokerage of crypto assets without liabilities, see 829900

6619 Other activities auxiliary to financial services, except insurance and pension funding

**661900 Other activities auxiliary to financial services, except insurance and pension funding**

This type includes auxiliary financial service activities not elsewhere classified, for example:

- financial transaction processing and settlement activities, including digital (or internet-based) payment provision and settlement activities for credit card transactions
- investment advisory services, including robo-advisory services
- activities of mortgage and loan advisors and brokerage
- activities of digital currency wallet providers
- activities of financial advisors in relation to merger and acquisition services
- validation and mining for crypto-assets deemed financial assets
- securities custody

- tokenisation of digital assets, including security token offerings, initial coin offerings

This type also includes:

- activities of tax refund offices
- consumer credit intermediation
- activities of payment providers (e.g. electronic funds transfer services), including peer-to-peer payment services
- analysing financial markets as an advisory

This type excludes:

- publishing of financial markets analysis, see 581900
- information search services regarding financial markets, see 639200
- crypto-assets exchanges, see 661100
- brokerage activities, see 661200
- activities of insurance agents and brokers, see 662200
- management of funds, see 663000
- activities of debt collection agencies and non-performing loans servicers, see 829100
- trading and brokerage of crypto assets without liabilities, see 829900

662 Activities auxiliary to insurance and pension funding

This group includes acting as agents (in other words, brokers) in selling annuities and insurance policies or providing other employee benefits and insurance and pension-related services (for example, claims adjustment, third-party administration).

This group excludes:

- pooling and assuming insurance risks by underwriting, see division 65

6621 Risk and damage evaluation

662100 Risk and damage evaluation

This type includes the provision of administration services of insurance, for example:

- assessing insurance claims:
  - claims adjusting
  - risk assessing
  - risk and damage evaluation
  - average and loss adjusting
- settling insurance claims

This type excludes:

- appraisal of real estate, see 683100
- appraisal for other purposes, see 749909
- investigation activities, see 800100

6622 Activities of insurance agents and brokers

662200 Activities of insurance agents and brokers

This type includes:

- activities of insurance agents and brokers (insurance intermediaries) in selling, negotiating or soliciting of annuities and insurance and reinsurance policies

6629 Activities auxiliary to insurance and pension funding n.e.c.

**662901 Cantonal compensation offices**

This type includes:

- activities of cantonal and occupational compensation funds for old-age and survivor's insurance

This type excludes:

- activities of municipal compensation fund offices for old-age and survivor's insurance, if managed at the municipal level, see 841200

- activities of compensation fund for old-age and survivors' insurance, disability, see 843000

- activities of compensation fund for unemployment insurance, see 843000

**662909 Other activities auxiliary to insurance and pension funding n.e.c.**

This type includes:

- activities involved in or closely related to insurance and pension funding, except financial intermediation, claims adjusting and activities of insurance agents:

- salvage administration
- actuarial services
- pension and insurance advisory activities
- administration of financial markets for insurance and pension funding

This type also includes:

- financial supervisory activities for insurance and pension funding (not by the central bank)

This type excludes:

- marine salvage activities, see 522200

- publishing of insurance software/applications, see 582900

663 Fund management activities

6630 Fund management activities

**663000 Fund management activities**

This type includes portfolio and fund management activities such as making decisions on which investments to purchase or sell, on a fee or contract basis, for individuals, businesses and others, for example:

- management of mutual funds
- management of other investment funds
- management of pension funds

This type also includes:

- activities of asset management, on a fee or contract basis

- trustee, fiduciary and custody services on a fee or contract basis

This type excludes:

- dealing in financial markets on own account, see 649900

- management of real estate, see division 68

- management of public funds and public debt services, see 841100

M

REAL ESTATE ACTIVITIES

This section includes the activities of owning, renting out, buying, selling, developing or refurbishing (redeveloping) property. It includes various types of real estate investors (for example, real estate investment companies, real estate investment trust (REITs), real estate asset management firms, real estate funds, real estate development companies or real estate traders, housing cooperatives).

Furthermore, it includes agents and/or brokers in one or more of the following: selling or buying real estate, renting out of real estate, providing other real estate services (for example, appraising real estate or acting as a real estate escrow agent). Activities in this section may be carried out on self-owned or leased property and may be carried out on a fee or contract basis.

This section also includes the development of construction projects for self-owned buildings or civil engineering works for later sale or rental.

This section excludes:

- general construction and specialised construction activities for buildings and civil engineering works, see section F

68

Real estate activities

681

Real estate activities with own property and development of building projects

This group includes the activities of buying, developing and selling of self-owned real estate.

This group excludes:

- general construction and specialised construction activities for buildings and civil engineering works, see section F
- architectural and engineering activities and related technical consultancy, see 711
- provision of architectural or engineering project management services for construction projects, see 711

6811

Buying and selling of own real estate

681100

Buying and selling of own real estate

This type includes:

- buying and selling of self-owned real estate, e.g.:
  - apartment buildings and dwellings
  - non-residential buildings, including office buildings, industrial buildings, warehouses, hotels and other leisure buildings, exhibition halls, self-storage facilities, retail stores/shops, and shopping centres
  - data centres
  - land

This type also includes:

- subdividing real estate into lots, without land improvement

This type excludes:

- subdividing and improving self-owned land for later sale, see 681200
- development of building projects for sale, see 681200

6812 Development of building projects

**681200 Development of building projects**

This type includes:

- development of building projects for self-owned residential and non-residential buildings or civil engineering works by bringing together financial, technical and physical means to realise the building projects for later sale

- subdividing and improving of self-owned land for later sale

This type also includes:

- redevelopment of building projects for self-owned residential and non-residential buildings or civil engineering works to realise the building projects for later sale

This type excludes:

- construction of residential and non-residential buildings, see division 41

- complete remodelling or renovating of existing residential or non-residential buildings involving several specialised construction activities, see division 41

- painting and glazing activities as part of maintenance, see 4334

- construction activities related to land improvement, see section F

- development of building projects for own operation, i.e. for renting out the space in these buildings, see 6820

- architectural and engineering activities, see 711

- provision of architectural or engineering project management services for construction projects, see 711

682 Rental and operating of own or leased real estate

6820 Rental and operating of own or leased real estate

**682001 Rental and operating of self-owned or leased land**

This type includes:

- rental and operating of self-owned or leased land, including agricultural and forestry land

This type also includes:

- provision of space exclusively for animal boarding

This type excludes:

- rental and operation of land carried out on behalf of the owner, see 683100

- operation of camping grounds, trailer parks, see 553000

**682002 Rental and operating of self-owned or leased buildings and dwellings**

This type includes:

- rental and operating of self-owned or leased buildings and dwellings:

• apartment buildings and dwellings

• non-residential buildings, including office buildings, industrial buildings, warehouses, hotels and other leisure buildings, exhibition halls, self-storage facilities, retail stores/shops and shopping centres

- data centres

- provision of homes and furnished or unfurnished flats or apartments for more permanent use, on an annual basis or longer
- operation of residential mobile home sites for primary residences
- development of building projects for own operation, i.e. for rental of space in these buildings

This type also includes:

- letting of roofs (e.g. for solar power installations)
- rental of industrial plants and factories, including machinery and equipment

This type excludes:

- rental and operation of buildings and dwellings carried out on behalf of the owner, see 683100
- operation of hotels, suite hotels, holiday homes, rooming houses and other non-residential or short-stay accommodation places (including student accommodation) provided for less than one year, see division 55
- development of building projects for residential and non-residential buildings, for later sale, see 6812
- rental of machinery, see 773
- residential care activities for older persons or persons with physical disabilities, including supervision and assistance in daily living, see 8730

#### 682003 Activities of housing cooperatives

This type includes:

- development of building projects by a housing cooperative
- rental and operating of apartment buildings by a housing cooperative

683 Real estate activities on a fee or contract basis

6831 Intermediation service activities for real estate activities

#### 683100 Intermediation service activities for real estate activities

This type includes the intermediation of buying, selling and rental of real estate by bringing clients and sellers or service providers together for a fee or commission. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the seller of the real estate or the provider of the real estate service. Revenue for the intermediation activities can include other sources of income (for example, revenues from selling advertising space to third parties).

This type includes the provision of real estate activities by real estate agencies or independent real estate agents:

- intermediation in buying, selling and rental of real estate on a fee or contract basis

This type also includes:

- real estate listing services

This type excludes:

- activities of real estate escrow agents, see 683200
- legal activities, see 6910

6832 Other real estate activities on a fee or contract basis

**683200 Other real estate activities on a fee or contract basis**

This type includes:

- activities of rent-collecting agencies
- management of real estate (e.g. property management of real estate or dwellings in joint ownership (mostly carried out on a fee or contract basis))
- activities of real estate valuation
- activities of real estate escrow agents
- advisory activities on a fee or contract basis, in connection to buying, selling and rental of real estate

This type excludes:

- legal activities, see 6910
- asset management activities as part of financial management consulting, see 702000
- combined facilities support services ; the provision of a combination of support services (e.g. general interior cleaning, maintenance and making minor repairs, waste disposal, guard and security services), see 811000

N	<p><b>PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</b></p> <p>This section includes specialised professional, scientific and technical activities. These activities require a high degree of training and make specialised knowledge and skills available to users.</p>
69	<p><b>Legal and accounting activities</b></p> <p>This division includes legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under the supervision of, persons who are members of the bar (for example, advice and representation in civil cases, advice and representation in criminal actions, advice and representation in connection with labour disputes).</p> <p>The activities of this division may also be provided online.</p> <p>It also includes the preparation of legal documents (for example, articles of incorporation, partnership agreements or similar documents in connection with company formation, patents and copyrights, preparation of deeds, wills, trusts, and so on) as well</p>
691	<p><b>Legal activities</b></p>
6910	<p><b>Legal activities</b></p>
691001	<p><b>Attorney, notary practice</b></p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under the supervision of, persons who are members of the bar: <ul style="list-style-type: none"> <li>• advice and representation in civil cases</li> <li>• advice and representation in criminal cases</li> <li>• advice and representation in connection with labour disputes</li> </ul> </li> <li>- general counselling and advising, preparation of legal documents: <ul style="list-style-type: none"> <li>• articles of incorporation, partnership agreements or similar documents in connection with company formation</li> <li>• patents and copyrights</li> <li>• preparation of deeds, wills, trusts, etc.</li> </ul> </li> <li>- other activities of public notaries, civil law notaries, bailiffs, arbitrators, examiners and referees</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- legal mediation activities</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- activities of law court, see 842301</li> <li>- social mediation, see 889901</li> </ul>
691002	<p><b>Activities of legal advice</b></p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- activities of legal advice by persons who are not members of the bar</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- activities of appointed legal guardians, without provision of residential care</li> </ul>

692 Accounting, bookkeeping and auditing activities; tax consultancy

6920 Accounting, bookkeeping and auditing activities; tax consultancy

**692000 Accounting, bookkeeping and auditing activities; tax consultancy**

This type includes:

- recording of commercial transactions from businesses or others
- bookkeeping activities for financial accounting and payroll accounting, etc.
- preparation or auditing of financial accounts
- examination of accounts and certification of their accuracy
- preparation of tax returns for individuals or enterprises
- accounting advisory activities and representation on behalf of clients before public administration (e.g. tax authorities and tax courts)
- duty and tax tariff calculation service activities

This type also includes:

- activities of invoicing services

This type excludes:

- publishing of accounting software, see 582900
- computer programming of accounting software, see 621000
- management consultancy on accounting systems, budgetary control procedures, see 702000
- bill collection, see 829100

70 Activities of head offices and management consultancy

This division includes the provision of advice and assistance to businesses and other organisations on management issues (for example, strategic and organisational planning; financial planning and budgeting; marketing objectives and policies; human resources policies, practices and planning; production scheduling and control planning).

This division also includes:

- the overseeing and managing of other units of the same enterprise or group of enterprises, i.e. the activities of head offices

701 Activities of head offices

7010 Activities of head offices

**701001 Activities of head offices of financial companies**

This type includes overseeing and managing other units of the enterprise or enterprise group, in other words, acting as a head office; undertaking the strategic or organisational planning and decision making role of the company or enterprise active in the financial sector; exercising operational control and managing the day-to-day operations of their related units.

These activities are the same regardless of which activities the managed units perform (financing, manufacturing trade, and so on).

This type includes activities of:

- centralised administrative offices

- corporate offices
- district and regional offices
- subsidiary management offices

This type excludes:

- activities of holding companies not engaged in managing, see 642100

#### 701002 Activities of head offices of other companies

This type includes overseeing and managing other units of the enterprise or enterprise group, in other words, acting as a head office; undertaking the strategic or organisational planning and decision making role of the company or enterprise in sectors other than financial; exercising operational control and managing the day-to-day operations of their related units. These activities are the same regardless of which activities the managed units perform (financing, manufacturing trade, and so on).

This type includes activities of:

- centralised administrative offices
- corporate offices
- district and regional offices
- subsidiary management offices

This type excludes:

- activities of holding companies not engaged in managing, see 642100

#### 702 Business and other management consultancy activities

#### 7020 Business and other management consultancy activities

#### 702000 Business and other management consultancy activities

This type includes the provision of advice, guidance and operational assistance to businesses and other organisations on management issues (for example, corporate strategic and organisational planning, business process re-engineering, change management, cost reduction and other financial issues; marketing objectives and policies; human resources policies, practices and planning; compensation and retirement strategies; production scheduling and control planning).

This provision of business services may include advice, guidance or operational assistance to businesses and the public service regarding:

- design of accounting methods or procedures
- cost accounting programmes
- budgetary control procedures
- public procurement procedures
- business start-up service activities
- planning, organisation, efficiency and control
- management information, etc.

This type also includes:

- certification of management (e.g. by management audits)
- activities of a management company, exercising the mandate of a director or a manager

This type excludes:

- design of computer software for accounting systems, see 621000
- legal advice and representation, see 6910

- accounting, bookkeeping and auditing activities, tax consulting, see 692000
- supervisory activities and management of other units of the enterprise or enterprise group, see 7010
- architectural and engineering advisory activities, see 7111, 7112
- provision of advice, guidance and operational assistance on public relations and communication, see 733000
- environmental, agronomy and similar consulting activities, see 749901
- consulting activities for executive search and placement, see 781000
- activities of casting agents, see 781000
- staff selection activities, see 781000
- educational consulting activities, see 856900

- 71 Architectural and engineering activities; technical testing and analysis  
This division includes the provision of architectural services, engineering services, drafting services, building inspection services and surveying and mapping services, and so on.  
This division also includes the performance of physical, chemical and other analytical testing services, and the provision of technical certification services.
- 711 Architectural and engineering activities and related technical consultancy  
This group includes the provision of architectural services, engineering services, drafting services, building inspection services and surveying and mapping services, etc.
- 7111 Architectural activities

#### 711101 Architecture

This type includes:

- architectural consulting activities:
  - building design and drafting
- architectural activities to support the conservation and restoration of cultural heritage properties
- interior architecture, i.e. redesigning a building's interior structure and layout

This type excludes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see 439900
- activities of computer consultants, see 622000
- planning or overseeing conservation of historical civil engineering construction, see 7112
- construction supervision, see 711205
- interior decorating, see 741300
- conservation, restoration and other cultural heritage support activities, see 913000

#### 711102 Spatial planning

This type includes:

- town and city planning

- local, regional or national land use planning (sites, road networks, lands and grounds, etc.)

**711103 Landscape architecture**

This type includes:

- planning and design of parks, commercial zones, residential zones, etc.

This type excludes:

- landscape service activities, see 813000

**7112 Engineering activities and related technical consultancy**

**711201 Construction engineering**

This type includes:

- engineering design and consulting activities for construction projects such as buildings, bridges, tunnels, roads, water supply, wastewater treatment, etc. involving civil engineering, hydraulic engineering, traffic engineering

This type also includes:

- project management activities related to construction engineering

This type excludes:

- development of building projects for residential and non-residential buildings, for later sale, see 681200

- technical testing, see 712000

**711202 Building services engineering**

This type includes:

- elaboration and supervision of projects in relation to electrical and electronic engineering in buildings

- design of building information systems (e.g. related to heating systems, fire extinguisher requirements)

- elaboration and supervision of projects using air conditioning, refrigeration, acoustical engineering, etc.

**711203 Other engineering activities**

This type includes:

- elaboration and supervision of projects in relation to electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering

- engineering design and consulting activities for machinery, industrial processes and industrial plant

This type excludes:

- activities of computer consultants, see 622000

- technical testing, see 712000

- periodic testing of motor vehicles for road safety and roadworthiness, see 712000

**711204 Land surveyors**

This type includes:

- land and boundary surveying activities

**711205 Other technical consultancy and planning**

This type includes:

- geophysical, geologic and seismic surveying
- geodetic surveying activities:
  - hydrologic surveying activities
  - subsurface surveying activities
- cartographic and spatial information activities
- environmental engineering and related consulting activities
- site engineering
- noise abatement engineering
- circular economy solutions engineering
- design of computer plans for 3D printing

This type also includes:

- construction management
- activities of bathymetry
- preparation and revision of maps
- activities of photogrammetric surveying (e.g. data collection with drones)

This type excludes:

- aerial photography, see 742000
- activities of computer consultants, see 620200
- test drilling in connection with mining operations, see 0910, 099000
- activities related to other design services, see 741
- activities of quantity surveyors, see 749902
- environmental consulting activities, see 749901

712 Technical testing and analysis

7120 Technical testing and analysis

712000 Technical testing and analysis

This type includes:

- performance of physical, chemical and other analytical testing of all types of materials and products, e.g.:
  - acoustics and vibration testing
  - testing of composition and purity of minerals
  - testing activities in the field of food hygiene, including testing and control in relation to food production (e.g. testing of animals before slaughter)
  - testing of physical characteristics and the performance of materials (e.g. strength, thickness, durability, radioactivity)
  - 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.
  - testing the quality of fuels
- certification of products, including consumer goods, motor vehicles, aircraft, pressurised 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)
- operation of police or forensic laboratories

- product origin and quality assessment activities

This type also includes:

- inspections of air ducts, water and gas pipes, not associated with repair or installation

This type excludes:

- inspections of air ducts, water and gas pipes, associated with repair or installation, see section F

- sampling and weighing as part of goods handling operations, see 522500

- penetration testing of computer systems, ethical hacking and cybersecurity, see division 62

- consulting activities carried out by companies or professionals in order to obtain a certification, see 702000

- DNA sequencing for general research on biological processes, see 721001

- testing of animal specimens, for sanitary reasons and not associated with food production, see 750000

- diagnostic imaging, testing and analysis of medical and dental specimens, see division 86

- DNA sequencing for ruling out or curing a specific disease, see 869102

## 72 Scientific research and development

This division includes the activities of three types of research and development:

(1) 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;

(2) applied research: original investigation undertaken in order to acquire new knowledge, directed primarily towards a specific practical aim or objective; and

(3) 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.

Research and experimental development activities in this division are not to be regarded as ancillary activities. They are subdivided into the two following categories: natural sciences and engineering; social sciences and the humanities.

This division also includes:

- developing and producing prototypes with the primary objective to make further improvements, whether or not associated with its production

This division excludes:

- market research and public opinion polling, see 732000

### 721 Research and experimental development on natural sciences and engineering

#### 7210 Research and experimental development on natural sciences and engineering

##### 721001 Research and experimental development in the pharmaceutical industry

This type includes:

- research and experimental development in the pharmaceutical industry:
  - research and development on medical, health and life, and veterinary sciences
  - research and development on biotechnology

This type also includes:

- DNA sequencing for general research on biological processes

This type excludes:

- DNA sequencing for ruling out or curing a specific disease, see 869102

**721002 Other research and experimental development on natural sciences and engineering**

This type includes:

- other research and experimental development on natural sciences and engineering:
  - research and development on natural sciences
  - research and development on engineering and technology
  - research and development on agricultural, forestry and fisheries sciences
  - interdisciplinary research and development, predominantly on natural sciences and engineering

722 Research and experimental development on social sciences and humanities

7220 Research and experimental development on social sciences and humanities

**722000 Research and experimental development on social sciences and humanities**

This type includes:

- research and development on social sciences (e.g. economics and business administration; psychology and cognitive sciences; education; sociology; law; political science; media and communication)
- research and development on humanities and arts (e.g. history and archaeology; literature and languages; philosophy)
- interdisciplinary research and development, predominantly on social sciences and humanities

This type also includes:

- research and development on socio-economic relations

This type excludes:

- market research and public opinion polling, see 732000

73 Activities of advertising, market research and public relations

This division includes the creation of advertising campaigns and placement of such advertising in periodicals, newspapers, radio, television, over the internet or other media, as well as the design of display structures and sites.

These advertising activities are often provided via advertising agencies and media representatives.

This division also includes market and opinion research (for example on the attitudes, values and behaviour of the population and of various socio-demographic and socio-economic groups with regard to economic, social and political issues). It also includes public relations and communication activities.

This division excludes:

- activities by which income is generated by advertising are classified according to the actual activity (e.g. publishing of advertising newspapers)
- sale of advertising time or space directly by owners of the time or space (publishers, etc.), see the corresponding activity class

731 Advertising

7311 Activities of advertising agencies

731100 Activities of advertising agencies

This type includes:

- provision of a full range of advertising services (i.e. through in-house capabilities or subcontracting), including advice, creative services, production of advertising material
- planning and organising advertising and marketing campaigns
- placing advertisements in the media
- conceptual work on advertising messages
- managing the course of advertising campaigns
- creation and realisation of advertising campaigns:
  - creating and placing advertising, planning social media marketing campaigns in newspapers, periodicals, radio, television, over 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)
  - aerial advertising
  - distribution or delivery of advertising material or samples
  - design of stands and other display structures and sites
- conducting marketing campaigns and other advertising services
  - promotion of products
  - merchandising
  - point-of-sale marketing
  - direct mail advertising
  - marketing consulting
  - influencer marketing

This type excludes:

- manufacturing of advertising material, see section C depending on the type of material
- manufacturing of stands for fairs and exhibitions and of product displays, see section C depending on the type of material
- installation of stands for fairs and exhibitions, see 433202
- publishing of advertising material, see 581900
- production of commercial messages for television and film, see 591100

- production of commercial product videos (including production of videos for social networks), see 591100
- publishing of contents that include video (e.g. by influencers, bloggers and vloggers), see 591100
- production of commercial messages for radio, see 592000
- content distribution (sharing) platforms, including blogs and wiki sites, social network sites, and operation of online gaming / video game sites, independent of publishing the games, see 603900
- market research and public opinion polling, see 732000
- advertising photography, see 742000
- postal and mailing activities, see 821000
- convention and trade show organisers, see 823000
- advertising services used to fund predominant activities of the business which may be provided free of charge, see predominant activity

7312 Media representation

731200 Media representation

This type includes:

- media representation, i.e. sale or resale of time and space for various media soliciting advertising

This type also includes:

- sale of advertising space by intermediaries

This type excludes:

- public relations and communication activities, see 733000
- sale of advertising time or space directly by owners of the time or space (publishers, etc.), see the corresponding activity class

732 Market research and public opinion polling

7320 Market research and public opinion polling

732000 Market research and public opinion polling

This type includes:

- conducting market research studies on the awareness, evaluation and use of goods and services, on product development and pricing, on the use of media and on the recall and impact of advertising
- conducting studies of opinion research on the quality of life and lifestyles, on social participation and political participation, on political party preference and voting behaviour

This type also includes scientific conducting of market and opinion research with:

- qualitative and quantitative methodological orientation
- reactive and non-reactive survey procedures
- collection of research data through questioning, observation, m

This type excludes:

- advertising, see 731
- public relations and communication activities, see 733000

- undertaking telephone interviews for market and opinion research surveys on a contract or fee basis, see 822000

733 Public relations and communication activities

7330 Public relations and communication activities

733000 Public relations and communication activities

This type includes the provision of advice, guidance and operational assistance, including lobbying activities, to businesses and other organisations on public relations and communication.

This type also includes:

- activities of sales representatives, for promotion purposes

This type excludes:

- advertising agencies and media representation services, see 731

- market research and public opinion polling, see 732000

- design and consulting with respect to visual communication, see 741200

74 Other professional, scientific and technical activities

This division includes the provision of professional, scientific and technical services (except legal and accounting activities; architecture and engineering activities; technical testing and analysis; management and management consultancy activities; research and development; and advertising activities).

741 Specialised design activities

7411 Industrial product and fashion design activities

741100 Industrial product and fashion design activities

This type includes:

- 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

- industrial design, carried out also through specialised software, i.e. creating and developing designs and specifications that optimise the use, value, package and appearance of products, including the determination of the materials, mechanism, shape, colour and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal in distribution, use and maintenance

This type excludes:

- engineering design, i.e. applying physical laws and principles of engineering in the design of machines, materials, instruments, structures, processes and systems, see 7112

- design of computer plans for 3D printing, see 7112

7412 Graphic design and visual communication activities

**741200 Graphic design and visual communication activities**

This type includes:

- activities of graphic designers
- graphic design of web pages
- activities of communication designers
- activities specialised in the design of messages and information, taking into account the characteristics and needs of people, corporate objectives, market attractiveness and dissemination media
- design and consulting in the content and external appearance of campaigns and communication content; conception and design of visual images (corporate design) and media of corporate communication; brand design and brand updating; determination of visual language (form, colour, typography of publications, didactic illustration of complex and abstract contexts)

This type excludes:

- design of computer-produced graphics for animations, see 591100
- designing the structure of web pages applying principles of software engineering, see 621000
- web design in combination with programming of web pages, see 621000

7413 Interior design activities

**741300 Interior design activities**

This type includes:

- activities of interior decorators
- interior design services (e.g. the planning and designing of interior spaces to meet the aesthetic and functional needs of people focusing mainly on finishes, furniture and colour palettes)
- drafting designs for interior decoration

This type excludes:

- architectural design activities, see 711101

7414 Other specialised design activities

**741400 Other specialised design activities**

This type excludes:

- design of computer-produced graphics for animations, see 591100

742 Photographic activities

7420 Photographic activities

**742000 Photographic activities**

This type includes:

- commercial and consumer photography:
  - portrait photography for passports, schools, weddings, etc.

- photography for commercials, publishers, fashion, real estate or tourism purposes
  - aerial and underwater photography
  - videotaping of events: weddings, meetings, etc.
  - film processing:
    - developing, printing and enlarging from client-taken negatives or cine-films
    - film developing and photo printing laboratories
    - one-hour photo shops (not part of shops selling cameras)
    - mounting of slides
    - copying and restoring or transparency retouching in connection with photographs
  - activities of photojournalists
  - activities of artistic photographs
- This type also includes:
- microfilming of documents
  - digitising photographs, uploading video to the cloud
  - object scanning in 3D
- This type excludes:
- activities of printing photographs (from mobile telephones, memory cards, universal serial bus (USB) and other electronic supports), see 1812
  - processing motion picture film related to motion picture and television industries, see 591200
  - cartographic and spatial information activities, see 711205
  - photogrammetric surveying activities, see 711205
  - operation of coin-operated (self-service) photo machines, see 969900

743 Translation and interpretation activities

7430 Translation and interpretation activities

**743000 Translation and interpretation activities**

This type includes:

- translation and interpretation of all languages, including sign language, whether spoken or written

This type excludes:

- publishing translation software, see 582900
- development of translation tools and training translation engines, see 621000
- language teaching activities, see 855901

749 Other professional, scientific and technical activities n.e.c.

7491 Patent brokering and marketing service activities

**749100 Patent brokering and marketing service activities**

This type includes:

- brokering and marketing activities for patents

This type also includes:

- management services for rights to industrial property (patents, licences, trademarks, franchises, etc.)
- activities of collective rights management organisations
- management of rights in intellectual property (e.g. copyrights)

This type excludes:

- leasing of intellectual property and similar products, see 774000

7499

All other professional, scientific and technical activities n.e.c.

This class includes a great variety of service activities generally delivered to commercial clients. It includes those activities for which more advanced professional, scientific and technical skill levels are required, but excludes ongoing, routine business functions that are generally of short duration.

749901 Environmental consulting activities

This type includes:

- environmental consulting activities
- energy-saving advice activities
- agronomy consulting services

This type excludes:

- environmental engineering activities, see 711205

749909 All other miscellaneous professional, scientific and technical activities n.e.c.

This type includes:

- business brokerage activities, i.e. arranging for the purchase and sale of small and medium-sized businesses, including professional practices, but excluding real estate brokerage
- appraisal activities other than for real estate and insurance (for antiques, jewellery, etc.)
- bill auditing and freight rate information
- weather forecasting activities
- consulting in the area of occupational safety and health at the workplace
- other technical consulting
- activities of quantity surveyors

This type also includes:

- activities carried out 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, as well as the placemen

This type excludes:

- activities of auctioning houses (wholesale) and online auction activities (wholesale), see 461
- activities of auctioning houses (retail sale) and online auction activities (retail sale), see 479
- activities of real estate brokers, see 683100
- bookkeeping activities, see 692000
- activities of management consultants, see 702000
- activities of architecture and engineering consultants, see 711
- environmental engineering, see 711205
- geodetic surveying activities, see 711205
- industrial and machinery design, see 711203, 741100

- veterinary testing and control in relation to food production, see 712000
- display of advertisements and other advertising design, see 731100
- sales promotion service activities, see division 731100
- patent brokerage activities, see 749100
- management services for rights to industrial property (e.g. patents, licenses, trademarks, franchises, etc.), see 749100
- security consultants' activities, see 800909
- activities of convention and trade show organisers, see 823000
- administration of loyalty programmes, see 829900
- consultation of medical doctors, see 862
- consumer credit and debt counselling, see 889909

75 Veterinary activities

This division includes the provision of animal health care and control activities for farm animals or pets. These activities are carried out by qualified veterinarians in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere. It also includes animal ambulance activities.

750 Veterinary activities

7500 Veterinary activities

750000 Veterinary activities

This type includes:

- animal health care and control activities for farm animals
- animal health care and control activities for pets

These activities are carried out in veterinary hospitals as well as in farms, kennels or homes, in consulting and surgery rooms or elsewhere.

This type also includes:

- activities of veterinary assistants or other auxiliary veterinary personnel
- clinico-pathological and other diagnostic activities pertaining to animals
- animal ambulance activities
- activities of animal chiropractors
- activi

This type excludes:

- farm animal boarding activities without health care, see 016200
- sheep shearing, see 016200
- herd testing , droving and agistment services, poultry caponising, see 016200
- activities related to artificial insemination, see 016200
- testing and control of animals before slaughter in relation to food production, see 712000
- scientific research on animal genetics, see 721001
- pet boarding activities without health care, see 969900

- O ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES  
This section includes a variety of activities that support general business operations. These activities differ from those in section N since their primary purpose is not the transfer of specialised knowledge.
- 77 Rental and leasing activities  
This division includes the rental and leasing of tangible and non-financial intangible assets and intermediation service activities thereof. For leasing activities, only the provision of operating leases is included in this division. The renter or lessor has the economic risk for the tangible goods and non-financial intangible assets provided, whereas the intermediary has no economic risk for the tangible goods and non-financial intangible assets that are intermediated. In this division, a wide array of tangible goods is concerned (for example, automobiles, computers, consumer goods, industrial machinery and equipment), provided to customers in return for a periodic rental or lease payment.  
This division excludes:
  - rental of equipment with an operator, see corresponding classes according to activities carried out with this equipment (e.g. construction (section F), transport (section H))
  - streaming of content (e.g. software, books, by content publishers), see division 58
  - audiobook streaming activities not associated with its publishing, see 601000
  - financial leasing, see 649100
  - rental of real estate, see section M
- 771 Rental and leasing of motor vehicles
- 7711 Rental and leasing of cars and light motor vehicles
- 771100 Rental and leasing of cars and light motor vehicles  
This type includes:
  - rental and operating leasing of motor vehicles (with a maximum permissible weight not exceeding 3.5 tons) without a driver, regardless of the length of rental period or way of payment (e.g. subscription):
    - passenger cars, motorhomes, other light motor vehicles without a driver
  - rental of shared cars
 This type also includes:
  - rental and operating leasing of an individual's own car without a driver
  - rental and leasing of motorcycles
 This type excludes:
  - rental or leasing of passenger cars or light motor vehicles with a driver, see 493300
  - intermediation service activities for the rental and leasing of passenger cars and light motor vehicles, see 775100
- 7712 Rental and leasing of trucks

771200	<p>Rental and leasing of trucks</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- rental and operating leasing of the following types of vehicles: <ul style="list-style-type: none"> <li>• trucks, motorhomes, utility trailers and heavy motor vehicles (with a maximum permissible weight of more than 3.5 tons) without a driver</li> </ul> </li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- rental or leasing of heavy goods vehicles or trucks with a driver, see 494100, 494200</li> <li>- rental or leasing of land transport equipment (other than motor vehicles) without a driver (e.g. caravans), see 773909</li> </ul>
772	<p>Rental and leasing of personal and household goods</p> <p>This group includes the rental of personal and household goods as well as the rental of recreational and sports equipment and videodiscs. Activities generally include short-term rental of goods, although in some instances the goods may be leased for longer periods of time.</p>
7721	<p>Rental and leasing of recreational and sports goods</p>
772100	<p>Rental and leasing of recreational and sports goods</p> <p>This type includes the rental of recreational and sports equipment, for example:</p> <ul style="list-style-type: none"> <li>- pleasure boats, moveable houseboats, canoes, sailing boats and yachts without an operator</li> <li>- bicycles, including bicycles with electrical assistance</li> <li>- skis</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- rental of pleasure boats and sailing boats with crew, see 501000, 503000</li> <li>- provision of short-term accommodation in non-moveable houseboats, see 552001</li> <li>- rental of non-moveable houseboats as primary residences, see 682002</li> <li>- rental of videotapes and discs, see 772200</li> <li>- rental of other personal and household goods, see 772200</li> <li>- rental and leasing of water transport equipment for passengers or freight (e.g. boats, ships, hovercraft, without operator), see 773400</li> <li>- rental of leisure and pleasure equipment as an integral part of recreational facilities, see 932900</li> </ul>
7722	<p>Rental and leasing of other personal and household goods</p>
772200	<p>Rental and leasing of other personal and household goods</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- rental of all kinds of household or personal goods (except recreational and sports equipment), to households or industries: <ul style="list-style-type: none"> <li>• textiles, wearing apparel and footwear (e.g. curtains, costumes, wedding dresses and shoes)</li> <li>• furniture, pottery and glass, kitchen and tableware, electrical appliances and housewares</li> <li>• jewellery, musical instruments, scenery and costumes</li> <li>• books, journals and magazines</li> </ul> </li> </ul>

- machinery and equipment used by amateurs (e.g. tools for home repairs)
  - flowers and plants
  - electronic equipment for household use
  - rental of video games, videotapes, discs, records, etc.
  - rental of gazebos and tensile structures without additional services
- This type excludes:
- providing accommodation services in tents, see 553000
  - provision of online games by the publisher (not only one-time purchases, but also subscriptions as well as in-game purchases and in-app purchases), see 582100
  - operation of online gaming / video game sites, independent of publishing the games, see 603900
  - rental of cars, motorcycles, trucks, utility trailers and recreational vehicles without driver, see 771
  - rental of sports and recreational goods, see 772100
  - rental of office furniture, see 773300
  - rental of caravans trailers, see 773909
  - rental of tents for events, see 773909

773 Rental and leasing of other machinery, equipment and tangible goods

7731 Rental and leasing of agricultural machinery and equipment

773100 Rental and leasing of agricultural machinery and equipment

This type includes:

- rental and operating leasing of agricultural and forestry machinery and equipment without an operator:

- rental of products produced within the manufacture of agricultural and forestry machinery (type 283000), e.g. agricultural tractors

This type excludes:

- rental of agricultural and forestry machinery or equipment with operator, see 016100, 024000

7732 Rental and leasing of construction and civil engineering machinery and equipment

773200 Rental and leasing of construction and civil engineering machinery and equipment

This type includes:

- rental and operating leasing of construction and civil engineering machinery and equipment without an operator:

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

This type excludes:

- rental of construction and civil engineering machinery or equipment with operator, see division 43

- rental or operating leasing of scaffolds and work platforms, including erection and dismantling, see 439900

- rental or operating leasing of mining machinery and equipment, see 773909

7733 Rental and leasing of office machinery, equipment and computers

773300 Rental and leasing of office machinery, equipment and computers

This type includes:

- rental and operating leasing of office machinery and equipment without an operator:

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

7734 Rental and leasing of water transport equipment

773400 Rental and leasing of water transport equipment

This type includes:

- rental and operating leasing of water transport equipment without an operator:

- commercial boats, ships and hovercraft

This type excludes:

- rental of water-transport equipment with operator, see division 50
- rental of pleasure boats without an operator, see 772100

7735 Rental and leasing of air transport equipment

773500 Rental and leasing of air transport equipment

This type includes:

- rental and operating leasing of air transport equipment without an operator:

- airplanes
- hot air balloons
- helicopters

This type excludes:

- rental of air transport equipment with an operator, see division 51

7739 Rental and leasing of other machinery, equipment and tangible goods n.e.c.

773901 Rental and leasing of rail transport equipment and machinery

This type includes:

- rental and operational leasing of railroad vehicles without an operator

773909 Rental and leasing of other miscellaneous machinery, equipment and tangible goods n.e.c.

This type includes:

- rental and operational leasing, without an operator, of other machinery and equipment 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
  - rental and operating leasing of land-transport equipment (other than motor vehicles) without a driver:
    - caravans
  - tyre leasing
  - rental of equipment for events, fairs and exhibitions (e.g. for rigging power, light, sound and stage equipment)
  - rental of furniture for events, fairs and exhibitions
  - rental of medical/hospital equipment
  - rental and leasing of slot machines
- This type also includes:
- rental of accommodation or office containers
  - rental of animals (e.g. herds, racehorses)
  - rental of other containers
  - rental of pallets
- This type excludes:
- rental of motorcycles, see 771100
  - rental of bicycles, see 772100
  - rental of agricultural and forestry machinery and equipment, see 773100
  - rental of construction and civil engineering machinery and equipment, see 773200
  - rental of office machinery and equipment, including computers, see 773300

774 Leasing of intellectual property and similar products, except copyrighted works

7740 Leasing of intellectual property and similar products, except copyrighted works

774000 Leasing of intellectual property and similar products, except copyrighted works

This type includes the activities of allowing others to use intellectual property products and similar products for which a royalty payment or licensing fee is paid to the owner of the product (in other words, the asset holder). The leasing of these products can take various forms (for example, permission for reproduction, use in subsequent processes or products, operating businesses under a franchise). The current owners may or may not have created these products.

This type includes:

- leasing of intellectual property products, except copyrighted works (e.g. books, software)

- receiving royalties or licensing fees for the use of:
  - patented entities
  - trademarks or service marks
  - brand names
  - mineral exploration and evaluation
  - franchise agreements
  - internet domains
  - rights of designed or developed board games

This type also includes:

- receiving royalties or licensing fees for scientific research results

This type excludes:

- acquisition of rights and publishing, see divisions 58, 59
- producing, reproducing and distributing copyrighted works (books, software, film), see divisions 58, 59
- streaming of content, e.g. software, books, by content publishers, see division 58
- audio book streaming activities not associated with its publishing, see 601000
- leasing of real estate, see 6820
- leasing of tangible products (assets), see 771, 772, 773

775 Intermediation service activities for rental and leasing of tangible goods and non-financial intangible assets

7751 Intermediation service activities for rental and leasing of cars, motorhomes and trailers

775100 Intermediation service activities for rental and leasing of cars, motorhomes and trailers

This type includes the intermediation of the rental and leasing of passenger cars, motorhomes, motorcycles, caravans, and so on by bringing clients and service providers together for a fee or commission, without the intermediary providing the rental and leasing services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the rental and leasing service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type also includes:

- reservation services for car rentals

This type excludes:

- rental of light motor vehicles, see 771100
- rental of heavy motor vehicles, e.g. motorhomes, see 771200
- rental of caravans, see 773909

7752 Intermediation service activities for rental and leasing of other tangible goods and non-financial intangible assets

**775200 Intermediation service activities for rental and leasing of other tangible goods and non-financial intangible assets**

This type includes the intermediation of the rental and leasing of other tangible goods and non-financial intangible assets, by bringing clients and service providers together for a fee or commission, without the intermediary providing the rental and leasing services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the rental and leasing service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type includes:

- providing intermediation between households that offer their goods for rental and households renting the goods (e.g. lawn mowers, ladders, bicycles)

This type excludes:

- rental and leasing of personal and household goods, see 772
- units that have ownership of other machinery, equipment and tangible goods and/or non-financial intangible assets ultimately rented and leased, see 773, 774000

**78 Employment activities**

This division includes activities of listing employment vacancies and referring or placing applicants for employment where the individuals referred or placed are not employees of the employment agencies, activities supplying workers to clients' businesses for periods of time to supplement the workforce of the client, and activities of providing other human resources.

This division includes:

- personnel search and placement activities
- activities of theatrical casting agencies
- activities of recruitment agencies
- headhunting activities

This division excludes:

- activities of agents for individual artists, see 749909

**781 Activities of employment placement agencies**

**7810 Activities of employment placement agencies**

**781000 Activities of employment placement agencies**

This type includes listing employment vacancies and referring or placing applicants for employment where the individuals referred or placed are not employees of the employment agencies.

This type includes:

- personnel search, selection referral and placement activities, including executive search and placement activities
- activities of casting agencies and bureaux (e.g. theatrical casting and model agencies)

- activities of online employment placement agencies

This type also includes:

- activities of talent scouts

This type excludes:

- activities of invoicing services, see 692000

- activities of agents for individual artists, see 749909

- activities of agencies providing babysitters and au-pairs for households, see 782001

782 Temporary employment agency activities and other human resource provisions

7820 Temporary employment agency activities and other human resource provisions

**782001 Temporary employment agency activities**

This type includes the activities of supplying workers to clients' businesses for specific periods of time to temporarily replace or supplement the workforce of the client. In such an employment arrangement, the temporary employment agency or provider of human resources is the employer of the individual workers provided. However, the client is responsible for the supervision of the temporary personnel.

**782002 Other human resources provision**

This type includes the activities of providing human resources for client's businesses. The units classified here represent the employer of record for the temporary employees on matters relating to payroll, taxes, and other fiscal and human resource issues, but they are not responsible for the management and supervision of employees.

The provision of human resources is typically done on a long-term or permanent basis and the units classified here perform a wide range of human resource and personnel management duties associated with this provision.

This type excludes:

- activities of invoicing services, see 692000

79 Travel agency, tour operator and other reservation service and related activities

This division includes the activities of agencies, primarily engaged in the sale and operation of pre-packaged or custom-packaged travel packages comprising transport, accommodation, amusement and entertainment, tour guide and other services to the general public and commercial clients and the activities of arranging and assembling tours that are sold through travel agencies or directly by agents (for example, tour operators) and other travel-related services, including reservation services.

This division also includes:

- activities of tourist guides and for tourism promotion

- intermediation services for travel

This division excludes:

- intermediation service activities for passenger transport only, see 523200

- intermediation service activities for accommodation only, see 554000
- intermediation service activities for food and beverage service, see 564000
- intermediation service activities for the rental of cars, motorhomes, and caravans, see 775100
- intermediation service activities for amusement, sport, and theatrical tickets, see 824000

791 Travel agency and tour operator activities  
 This group includes the activities of agencies, primarily engaged in the sale of pre-packaged or custom-packaged travel packages, comprising transport, accommodation, tour guide and other services to the general public and commercial clients and the activities of arranging and assembling tours that are sold through travel agencies or directly by agents (for example, tour operators).  
 This group also includes the activities of tour operators.

7911 Travel agency activities

**791100 Travel agency activities**

This type includes:

- activities of agencies, primarily engaged in the sale of packaged tours and cruises to the general public or to commercial clients, alongside additional accommodation advice or expertise:
  - reservation services for pre-packaged tours, domestic (national) and international
  - reservation services for customised tour packages for groups, domestic (national) or international
- intermediation service activities for the conclusion of contracts for the provision of tourist services from tour operators

This type also includes:

- intermediation of packaged travel services in the destination

This type excludes:

- intermediation service activities for passenger transport only, see 523200
- intermediation service activities for accommodation only, see 554000
- activities of factual and legal actions related to the conclusion of contracts for the provision of tourist services, at the request of the customer, see division 69
- selling of deferred travel services: form of distribution of a service linked to travel, which can be of any nature (hotels, restaurants, personal care, leisure activities, etc.), see 829900

7912 Tour operator activities

**791200 Tour operator activities**

This type includes:

- arranging, assembling and marketing packaged tours:
  - pre-packaged tours, domestic (national) and international
  - customised tour packages for groups, domestic (national) and international

Package tours usually include passenger and baggage transport, accommodation, food and sightseeing services. Tour operators are engaged in the operation of tour packages that are sold by travel agencies, including arranging and assembling different services in the packaged tour.

Tour operators might be employed or contracted by a travel agency, or they might operate as independent tour operators.

This type excludes:

- sale of packaged tours, see 791100

799 Other reservation service and related activities

7990 Other reservation service and related activities

799000 Other reservation service and related activities

This type includes:

- visitor assistance services:

- provision of travel information to visitors
- activities of independent tourist guides

- activities of tourism promotion

This type excludes:

- fee-based reservation activities for passenger transport, see 523200

- timeshare exchange services, see 554000

- activities of travel agencies, see 791100

- activities of tour operators, see 791200

- organisation and management of events (e.g. meetings, conventions and conferences, including transport, accommodation, ticketing if managed by the organiser itself), see 823000

- Intermediation service activities for theatrical, sports, amusement and entertainment tickets, see 824000

80 Investigation and security activities

This division includes security-related services:

- investigation services in private, commercial, corporate, insurance and criminal law for the exercise of rights in court

- guard and patrol services

- picking up and delivering money, receipts or other valuable items, with personnel and equipment to protect such properties while in transit

- security system services and the operation of electronic security alarm systems (e.g. burglar and fire alarms), as well as remote monitoring and video surveillance systems services, where the activity focuses on remote monitoring these systems, but often also involves sale, installation and repair services

This division also includes:

- security services related to the prevention and safety of people at public events and premises open to the public

- security services providing armoured car services

This division excludes:

- information technology security activities, see division 62

800 Investigation and security activities

This group includes security activities that are normally carried out by private operators.

8001 Investigation and private security activities

800100 Investigation and private security activities

This type includes:

- investigation services in private, commercial, insurance and legal fields
- guard, patrol or security services
- support services for cash collection and deposit services
- secure shredding and data destruction services
- armoured car services

This type also includes:

- guard and security service activities (e.g. for shops, trauma centres)
- luggage and passenger inspection at airports, railway stations and other similar places
- activities of security personnel for events, concerts, fairs and

This type excludes:

- risk analysis, security advice and consulting, see 800909
- remote surveillance activities, see 800901
- concierge, reception and doormen safety services, see 811000, 821000
- public order and safety activities, see 842400
- security, including cybersecurity training, see 855902

8009 Security activities n.e.c.

This class includes the provision of one or more of the following services: security system services as part of security service centres or alarm receiving centres (ARC); remote monitoring and video surveillance systems services; and – only if provided in connection with later monitoring and remote monitoring services – installation, repair and maintenance of electronic security systems.

800901 Security systems service activities

This type includes:

- monitoring and remote monitoring of electronic security systems (e.g. burglar alarms, video surveillance systems, fire alarms)
- monitoring and remote monitoring of mechanical or electronic locking devices, safes and vaults
- installation and maintenance of electronic security systems (e.g. burglar or theft alarms, video surveillance systems, fire alarms), if provided in connection with later monitoring and remote monitoring services
- installation, repair, modification and adaptation of mechanical or electronic locking devices, electronic security systems, safes and vaults, if provided in connection with later monitoring and remote monitoring services

This type excludes:

- installation of security systems (e.g. burglar alarms, surveillance systems, fire alarms) without later monitoring and remote monitoring services, see 432100

- retail sale of electrical security alarm systems, mechanical or electronic locking devices, safes and security vaults, without later monitoring, installation or maintenance services, see 475200
- cybersecurity consulting activities, see 622000
- public order and safety activities (e.g. policing), see 842400
- providing key duplication services, see 952900

**800909 Other security activities n.e.c.**

This type includes:

- security consultants activities
- activities in an emergency call and service centre or alarm receiving centre (ARC)

**81 Services to buildings and landscape activities**

This division includes the provision of a number of general support services, for example:

- the provision of a combination of support services within clients' facilities
- the interior and exterior cleaning of buildings of all types
- cleaning of industrial machinery, cleaning of trains, buses, planes, etc.
- cleaning of the inside of road and sea tankers
- disinfecting and exterminating activities for buildings, ships, trains, etc.
- bottle cleaning
- street sweeping
- snow and ice removal
- provision of landscape care and maintenance services

**811 Combined facilities support activities**

**8110 Combined facilities support activities**

**811000 Combined facilities support activities**

This type includes the provision of a combination of support services within clients' facilities. These services include general interior cleaning, maintenance, waste disposal, doormen and surveillance services, mail routing, reception, laundry and related services to support operations within facilities. These support activities are performed by operating staff, who are not involved with or responsible for the core business or activities of the client.

This type excludes:

- provision of on site management and operation of a client's computer systems and/or data processing facilities, see 622000
- management of real estate (e.g. property management of real estate or dwellings in joint ownership (mostly carried out on a fee or contract basis)), see 683200
- guard and security service activities, see 800100
- operation of correctional prisons on a contract or fee basis, see 842302
- provision of only one of the support services (e.g. general interior cleaning services) or addressing only a single function (e.g. heating), see the appropriate NOGA class according to the service provided

- provision of management and operating staff for the complete operation of a client's establishment (e.g. hotel, restaurant, mine, hospital), see the class of the unit operated

**812**      **Cleaning activities**

This group includes general, specialised and other cleaning activities. The difference between them is not based on the type of customers served, but on the type of cleaning.

This group includes the activities of general interior cleaning of all types of buildings, the exterior cleaning of buildings, specialised cleaning activities for buildings or other specialised cleaning activities, cleaning of industrial machinery, cleaning of the inside of road and sea tankers, disinfecting and extermination activities for buildings and industrial machinery, bottle cleaning, street sweeping, snow and ice removal.

This group excludes:

- agricultural pest control, see 016100
- carpet and rug shampooing, drapery and curtain cleaning, see 961000

**8121**      **General cleaning of buildings**

**812100**      **General cleaning of buildings**

This type includes:

- general (non-specialised) cleaning of all types of buildings, e.g.:

- offices
- private dwellings (e.g. houses or apartments)
- factories
- shops
- institutions

- general (non-specialised) cleaning of other business and professional premises and multi-unit residential buildings

These general cleaning activities are mostly interior cleaning although they may include the cleaning of associated exterior areas (for example, windows, passageways).

This type excludes:

- specialised cleaning activities (e.g. cleaning of windows, chimneys, fireplaces, boilers, exhaust units), see 8122

**8122**      **Other building and industrial cleaning activities**

**812201**      **Chimney sweeping**

This type includes:

- chimney cleaning
- cleaning of fireplaces, stoves, furnaces, incinerators, boilers, ventilation ducts and exhaust units
- control and inspection of heatings systems

**812202**      **Other miscellaneous building and industrial cleaning activities**

This type includes the activities of:

- exterior cleaning of buildings of all types (e.g. offices, factories, shops, schools and other institutions, other business and professional premises, multi-unit residential buildings)
- specialised cleaning activities for businesses in food industries, including manufacturing, retail sale, restaurants, etc.
- specialised cleaning activities for buildings (e.g. facade and window cleaning)
- specialised industrial cleaning (e.g. cleaning of industrial machinery)
- cleaning of water supply pipelines
- cleaning of new buildings immediately after construction
- steam cleaning, sandblasting and similar activities for building exteriors
- other building and industrial cleaning activities, n.e.c.

8123 Other cleaning activities

**812301 Tank cleaning and tank inspection activities**

This type includes:

- tank revision
- tank cleaning
- cleaning of the inside of road and sea tankers

**812302 Disinfection and pest control activities**

This type includes:

- sanitising, disinfecting and exterminating activities

This type excludes:

- agricultural pest control, see 016100

**812309 Other cleaning activities n.e.c.**

This type includes:

- swimming pool cleaning and maintenance activities
- cleaning of trains, buses, planes, etc.
- bottle cleaning
- street sweeping and snow and ice removal
- other cleaning activities n.e.c.

This type excludes:

- cleaning of motor vehicles, including car washing, see 953102

813 Landscape service activities

8130 Landscape service activities

**813000 Landscape service activities**

This type includes:

- planting, care and maintenance of 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
- planting, care and maintenance of greenery for:
  - buildings (roof gardens, facade greenery, indoor gardens, etc.)
  - sports grounds (football fields, golf courses, etc.), playgrounds, lawns for sunbathing and other recreational parks
  - stationary and flowing water (basins, alternating wet areas, ponds, swimming pools, ditches, watercourses, plant sewage systems)
- planting of vegetation for protection against noise, wind, erosion, visibility
- protection and restoring landscape (e.g. for parks, gardens)
- ecological engineering works for the purpose of ecological preservation of sites

This type also includes:

- restoration of natural environments (e.g. plant engineering, renaturation of ecosystems)
- erosion control activities in mountain environments, spawning grounds and riverbanks
- creation and relocation of species habitats (e.g.

This type excludes:

- protection or restoration activities of agricultural and forestry land, see divisions 01 and 02
- commercial growing and planting for commercial growing of plants, trees, see divisions 01 and 02
- tree nurseries and forest tree nurseries, see 013000, 021000
- keeping the land in good environmental condition for agricultural use, see 016100
- restoration of marine ecosystems, see 033000
- construction activities for landscaping purposes, see section F
- landscape design and architectural activities, see 7111
- operation of national parks, nature reserves, etc., including conservation and maintenance, see 9142

82 Office administrative, office support and other business support activities  
 This division includes the provision of a range of day-to-day office administrative services, as well as ongoing routine business support functions for others, on a contract or fee basis.  
 This division also includes all support service activities typically provided to businesses not elsewhere classified.

821 Office administrative and support activities

8210 Office administrative and support activities

821000 Office administrative and support activities  
 This type includes the provision of a combination of day-to-day office administrative services (for example, reception, financial planning, billing and record-keeping, personnel, postal and mailing services, and so on), for others on a contract or fee basis.  
 This type includes:  
 - document preparation (e.g. editing, proofreading, typing, word processing and pre-archiving)

- other secretarial support services
- transcription of documents
- letter or résumé writing
- provision of mailbox rental services and other postal and mailing services (e.g. pre-sorting, addressing)
- duplicating
- blueprinting
- operation of photocopying machines for photocopying as a self-service
- digitalisation of files (without any further processing of data)
- formatting of e-books

This type also includes support activities for others on a contract or fee basis that are ongoing routine business support functions that businesses and organisations traditionally do for themselves.

Units classified in this type do not provide operating staff to carry out the complete administrative operations of a business. Units engaged in one particular aspect of these activities are classified according to that particular activity.

This type excludes:

- printing of documents (offset printing, quick printing, digital printing, etc.), see 1812
- pre-press services, see 181300
- storage of paper files, see 521000
- courier services, see 532000
- data processing and digitalisation of files associated with the further processing of data, see 631000
- storage of data files, see 631000
- rental of non-equipped offices, co-working spaces and fully-equipped offices, see 682002
- activities of shared service centres (SSC) with strategic and managerial activities/centralised activities, see 7010
- developing and organising mail advertising campaigns, see 731100
- renting of containers to be used as offices, see 773909
- public stenography services and specialised stenotype services (e.g. court reporting), see 829900
- archiving of all kinds of documents (in paper or electronic forms), see 911200

822           Activities of call centres

8220          Activities of call centres

**822000**      **Activities of call centres**

This type includes the activities of:

- inbound call centres, including answering calls from clients by using human operators, automatic call distribution, computer telephone integration, interactive voice response systems or similar methods to receive orders, provide product information, deal with customer requests for assistance or address customer complaints

- outbound call centres using similar methods to market goods or services to potential customers; conducting telephone interviews for market and opinion research surveys on a contract or fee basis
- web-based contact centres

This type also includes the activities of:

- centres dealing with customer requests for assistance or addressing customer complaints through other communication channels

This type excludes:

- activities of brokers and agents for electric power and natural gas, see 354000
- intermediation service activities for specialised construction services, see 436000
- intermediation service activities for retail sale, see 479
- intermediation service activities for transport, see 523
- intermediation service activities for postal and courier activities, see 533000
- intermediation service activities for accommodation, see 554000
- intermediation service activities for food and beverage service activities, see 564000
- intermediation service activities for video game software publishing, see 582100
- intermediation service activities for software publishing and software downloads, see 582900
- intermediation service activities for telecommunication activities, see 612000
- financial and insurance intermediation service activities, see section L (e.g. activities of insurance agents and brokers (type 662200))
- intermediation service activities for real estate activities, see 683100
- market research and public opinion polling and statistical analysis thereof, see 732000
- patent brokering (marketing) service activities, see 749100
- intermediation service activities for the rental and leasing of tangible goods and non-financial intangible assets, see 775
- travel agency activities, see 791100
- intermediation service activities for business support activities (except financial intermediation) n.e.c., see 824000
- intermediation service activities for courses and tutors, see 856100
- intermediation service activities for medical, dental and other health services, see 869700
- intermediation service activities for residential care activities, see 879100
- intermediation service activities for the repair and maintenance of computers, personal and household goods, motor vehicles and motorcycles, see 954000
- intermediation service activities for personal services, see 964000

823 Organisation of conventions and trade shows

8230 Organisation of conventions and trade shows

823000 Organisation of conventions and trade shows

This type includes the organisation, promotion and/or management of events, for example:

- business and trade shows
- company events
- general or specialised exhibitions
- conferences and conventions
- seminars, symposiums and workshops
- farmers' markets and craft fairs

This type also includes the management and provision of the staff to operate the facilities in which the aforementioned events take place but only if the management and provision of staff are performed in association with the organisation, promotion and/o

This type excludes:

- erection of exhibition stands/booths depending on the type of installation performed, see division 43
- organisation of cultural events (e.g. film festivals, musicals or dance festivals), see 903900
- technical planning, supply, setting-up and operation of audiovisual equipment and special effects associated with the organisation of artistic events, 903900
- organisation of sporting events, see 931900
- technical planning, supply, setting-up and operation of audiovisual equipment and special effects associated with the organisation of non-artistic events, see 932900
- organisation of personal ceremonies or celebrations, including weddings, name-giving ceremonies, birthday parties, etc., see 969900

824 Intermediation service activities for business support service activities  
n.e.c.

8240 Intermediation service activities for business support service activities  
n.e.c.

824000 Intermediation service activities for business support service activities  
n.e.c.

This type includes the intermediation service activities for business support activities n.e.c., by bringing clients and service providers together for a fee or commission.

These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the business support service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type also includes:

- reservation services for theatrical, sport, amusement and entertainment tickets
- intermediation service activities for lottery games

This type excludes:

- activities of brokers and agents for electric power and natural gas, see 354000
- intermediation service activities for specialised construction services, see 436000
- intermediation service activities for retail sale, see 479
- intermediation service activities for transport, see 523
- intermediation service activities for postal and courier activities, see 533000
- intermediation service activities for accommodation, see 554000
- intermediation service activities for food and beverage services activities, see 564000
- intermediation service activities for video game software publishing, see 582100
- intermediation service activities for software publishing and software downloads, see 582900
- intermediation service activities for telecommunication activities, see 612000
- financial and insurance intermediation service activities, see section L (e.g. activities of insurance agents and brokers (type 662200))
- intermediation service activities for real estate activities, see 683100
- travel agency activities, see 791100
- patent brokering (marketing) service activities, see 749100
- intermediation service activities for the rental and leasing of tangible goods and non-financial intangible assets, see 775
- intermediation service activities for courses and tutors, see 856100
- appointment reservations for medical visits, see 869700
- intermediation service activities for medical, dental and other health services, see 869700
- intermediation service activities for residential care activities, see 879100
- intermediation service activities for the repair and maintenance of computers, personal and household goods, motor vehicles and motorcycles, see 954000
- intermediation service activities for personal services, see 964000

829 Business support service activities n.e.c.  
This group includes the activities of collection agencies, credit bureaux, business information agencies and all support activities not elsewhere classified. These activities are predominantly provided to businesses.

8291 Activities of collection agencies and credit bureaux

**829100 Activities of collection agencies and credit bureaux**

This type includes:

- collection of payments for claims and remittance of payments collected to the clients (e.g. bill or debt collection services)
- compiling and the provision of information (e.g. credit or employment history) for financial institutions, retailers and others who have a need to evaluate the creditworthiness of individuals or businesses

This type also includes:

- activities of rating agencies
- repossession activities

This type excludes:  
- factoring activities, see 649

8292 Packaging activities

**829200 Packaging activities**

This type includes:

- packaging activities on a fee or contract basis, whether or not these involve an automated process:

- bottling of liquid or gaseous goods, 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

- product sterilisation associated with packaging

This type excludes:

- manufacture of soft drinks and production of natural mineral waters, see 110700

- packaging activities incidental to transport, see 522600

8299 Other business support service activities n.e.c.

**829900 Other business support service activities n.e.c.**

This type includes:

- fundraising organisation services on a contract or fee basis
- court reporting or stenotype recording services
- public stenography services
- real-time (i.e. simultaneous) closed captioning of meetings, conferences
- barcoding services
- barcode imprinting services
- parking meter coin collection services
- activities of handling visa and work permits
- restaurant voucher handling service activities
- providing assistance in motor vehicle registration
- relocation service activities
- administration of gift packages for leisure activities
- voucher issuing and handling activities
- charity crowdfunding activities
- company domiciliation services
- reading of consumption of heat and hot water, including cost allocation
- administration of loyalty programmes
- selling of deferred travel services: form of distribution of a service linked to travel, which can be of any nature (hotels, restaurants, personal care, leisure activities, etc.)
- trading and brokerage of crypto-assets without liabilities

This type excludes:

- activities of auctioning houses (wholesale) and online auction activities (wholesale), see 461

- activities of auctioning houses (retail sale) and online auction activities (retail sale), see 479

- providing film or tape captioning or subtitling services, see 591200
- activities of shared service centres (SSC) with strategic and managerial activities/centralised activities, see 7010
- business and other management consultancy activities, see 702000
- activities of shared service centres (SSC) with two or more combined activities (set of administrative services) providing operational tasks for the whole enterprise or group (e.g. reception, financial planning, billing and record keeping, personnel, postal and mailing services for the same enterprise group), see 821000
- provision of document transcription services, see 821000
- intermediation service activities for business support service activities n.e.c., see 824000

P PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY

This section includes activities of a governmental nature, normally carried out by the public administration. This includes the enactment and judicial interpretation of laws and their pursuant regulation, as well as the administration of programmes based on them, legislative activities, taxation, national defence, public order and safety, immigration services, foreign affairs and the administration of government programmes. The legal or institutional status is not, in itself, the determining factor for an activity to belong in this section, rather than the activity being of a nature specified in the previous paragraph. This means that activities classified elsewhere in NOGA do not fall under this section, even if carried out by public entities (for example, the administration of the school system – in other words, regulations, checks, curricula – falls under this section, but teaching itself does not (see section Q), while a prison or military hospital is classified to health (see section R)). Similarly, some activities described in this section may be carried out by non-government units. This section also includes compulsory social security activities.

84 Public administration and defence; compulsory social security

841 Administration of the State and the economic, social and environmental policies of the community

This group includes general administration (for example, executive, legislative and financial administration, at all levels of government) and supervision in the field of social, economic and environmental policy of the community.

8411 General public administration activities

841100 General public administration activities

This type includes:

- executive and legislative administration of central, regional and local bodies
- activities of ministries at national and regional levels
- administration and supervision of fiscal affairs:
  - operation of taxation schemes
  - duty/tax collection and tax violation investigation
  - customs administration
- budget implementation and management of public funds and public debt:
  - raising and receiving of money and control of their disbursement
- administration of overall (civil) research and development policy and associated funds
- administration and operation of overall economic and social planning and statistical services at the various levels of government

This type excludes:

- central banking, see 641100
- operation of government-owned or government-occupied buildings, see 6820, 683

- administration of research and development policies intended to increase personal well-being and of associated funds, see 841200
- administration of research and development policies intended to improve economic performance and competitiveness, see 841300
- administration of defence-related research and development policies and of associated funds, see 842201
- operation of government archives, see 911200

8412 Regulation of health care, education, cultural services and other social services

841200 Regulation of health care, education, cultural services and other social services

This type includes:

- public administration of programmes aimed to increase personal well-being, e.g.:
  - health
  - education
  - culture
  - sport
  - recreation
  - environment
  - housing
  - social services
- public administration of research and development policies and associated funds for these areas

This type also includes:

- public sponsoring of recreational and cultural activities
- distribution of public grants to artists
- administration of potable water supply programmes
- administration of waste collection and disposal operations
- adminis

This type excludes:

- sewerage, refuse disposal and remediation activities, see divisions 37, 38, 39
- compulsory social security activities, see 843000
- education activities, see section Q
- human health-related activities, see division 86
- museums and other cultural institutions, see division 91
- activities of government-operated libraries and archives, see 911
- sporting or other recreational activities, see division 93

8413 Regulation of and contribution to more efficient operation of businesses

841300 Regulation of and contribution to more efficient operation of businesses

This type includes:

- public administration and regulation, including subsidy allocation for different economic sectors, e.g.:
  - agriculture
  - land use

- energy and mining resources
  - infrastructure
  - transport
  - communication
  - hotels and tourism
  - wholesale and retail sale
  - administration of research and development 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 type also includes:
- activities of the national cybersecurity agencies
  - financial regulation relating to the conduct of business and consumer protection and other wider financial regulatory activities
- This type excludes:
- activities of the monetary supervisory authority by the central bank, see 641100
  - financial supervisory authority of financial service activities except insurance and pension funding (not by the central bank), see 661100
  - financial supervisory authority of insurance and pension funding (not by the central bank), see 662909
  - research and experimental development activities, see division 72

842 Provision of services to the community as a whole  
This group includes foreign affairs, defence, justice, public order and safety activities.

8421 Foreign affairs

842100 Foreign affairs

This type includes:

- administration and operation of the ministry of foreign affairs and diplomatic and consular missions stationed abroad or at offices of international organisations
- 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 organisations
- provision of military aid to foreign countries
- management of foreign trade, international financial and foreign technical affairs

This type excludes:

- international disaster or conflict refugee services, see 889909
- activities of extraterritorial organisations and bodies, see 990002

8422 Defence activities

842201 National defence

This type includes:

- administration, supervision and operation of military defence affairs and land, sea, air and space defence forces, e.g.:
  - combat forces of army, navy and air force
  - engineering, transport, communication, intelligence, materiel, personnel and other non-combat forces and commands
  - reserve and auxiliary defence forces
  - military logistics (provision of equipment, structures, supplies, etc.)
  - health activities for military personnel in the field
- administration of defence-related research and development policies and related funds

This type excludes:

- research and experimental development activities, see division 72
- provision of military aid to foreign countries, see 842100
- activities of military tribunals, see 842301
- educational activities of military schools, colleges and academies, see 854
- activities of military hospitals, see 8610

#### 842202 Civil defence

This type includes:

- administration, operation and support of civil defence forces
- support for the elaboration of contingency plans and the carrying out of exercises in which civilian institutions and populations are involved

This type excludes:

- provision of supplies for domestic emergency use in case of peacetime disasters, see 842400

#### 8423 Justice and judicial activities

##### 842301 Administration of justice, courts

This type includes:

- administration and operation of administrative civil and criminal law courts, military tribunals and the judicial system
- rendering of judgements and interpretations of the law
- activities of public prosecutors
- arbitration of civil actions
- activities carried out by real state registry offices, prosecution and bankruptcy offices, trade registry offices, etc

This type excludes:

- legal advice and representation in civil, criminal and other cases, see 691001

##### 842302 Administration of prisons

This type includes:

- prison administration and the provision of prison services, including rehabilitation services

This type excludes:

- activities of prison schools, see division 85
- activities of prison hospitals, see 861001

#### 8424 Public order and safety activities

**842400 Public order and safety activities**

This type 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 law enforcement, foreigner registration, and the maintenance of arrest records
- provision of supplies for domestic emergency use in case of peacetime disasters

This type also includes:

- activities of voluntary associations that ensure the protection of public safety

This type excludes:

- operation of police laboratories, see 712000
- use of security personnel for events, concerts, fairs and exhibitions, see 800100
- administration and operation of military armed forces, see 842201

8425 Fire service activities

**842500 Fire service activities**

This type includes:

- firefighting activities:
  - administration and operation of regular and auxiliary fire brigades in fire prevention, firefighting, the rescue of persons and animals, assistance in civic disasters, floods, road accidents, etc., including firefighting by units on a contract or fee basis
- activities of beach supervisors, i.e. lifeguards
- activities of rescue operations on open water and in mountains

This type excludes:

- fire-protection and firefighting services for forestry, see 024000
- firefighting services and fire-prevention services for oilfields and gas fields, see 091000
- firefighting and fire-prevention activities at airports, see 522300

843 Compulsory social security activities

8430 Compulsory social security activities

**843000 Compulsory social security activities**

This type includes:

- funding and administration of government-provided social security programmes, e.g.:
  - sickness, work-accident and unemployment insurance
  - retirement pensions
  - covering losses of income due to parental leave, temporary disablement, widowhood / loss of partner

This type excludes:

- provision of basic health and supplemental insurances services, see 651203
- provision of retirement income benefits exclusively for the sponsor's employees or members, see 653000
- administration of healthcare and social services, see 841200
- provision of residential care assistance services, see division 87
- provision of welfare services and social work (without accommodation), see 881000, 889909

Q

## EDUCATION

This section includes education at any level or for any profession. The instructions may be oral or written and may be provided by radio, television, the internet or via correspondence.

Education activities are those having an educational programme, a time frame and some evaluation of the knowledge achieved.

This section includes formal initial education at its various levels provided by institutions in the regular school system designed for students as a continuous educational pathway before their first entrance into the labour market, as well as formal education outside the regular school system with programme content and qualifications that are equivalent to those of such initial education (adult education, literacy programmes, and so on).

Also included are activities provided at their respective levels by military schools and academies, prison schools, and so on.

This section includes compulsory and non-compulsory schooling, as well as public and private education.

For each level of education, special education for physically or mentally disabled persons is included.

Groups 851 to 854 take into account the formal education activities provided under the international classification of educational programmes (ISCED-P 2011 classification). The breakdown of the categories in this section is based on the level of education offered as defined by the levels of ISCED-P 2011\*. The activities of educational institutions providing courses at ISCED-P 2011 Level 0 are classified in class 8510, at ISCED-P 2011 Level 1 in class 8520, at ISCED-P 2011 Level 2 category 24 and Level 3 category 34 in class 8531, at ISCED-P 2011 Level 2 category 25 and Level 3 category 35 in class 8532, at ISCED-P 2011 Level 4 in class 8533 and at ISCED-P 2011 Levels 5 to 8 in group 854.

Educational institutions classified in groups 852 to 854 are authorised to certify successful completion of an educational programme, usually in the form of a document officially recognised by the relevant national education authorities.

NOTE: \* mappings between the levels of education and the name of the qualifications in national language can be found here

<https://europa.eu/!mDwYbG>

This section is also based on the distinction between formal and non-formal educational programmes provided by the European classification of learning activities (CLA). Thus, it also includes non-formal instruction primarily concerned with sports, arts and

This section excludes:

- child day-care activities, see 889100

85

Education

851

Pre-primary education

8510

Pre-primary education

851000

Pre-primary education

This type includes:

- pre-primary education, which is defined as the initial stage of organised instruction designed primarily to introduce very young children to a school-type environment, that is, to provide a bridge between the home and a school-based environment.

In Switzerland, pre-primary education (kindergarten) is normally included in the compulsory school program. In a few cantons of German-speaking Switzerland, there is no obligation to send children to kindergarten, or only an obligation of one year. Nevertheless, the vast majority of children in these cantons attend kindergarten also for two years. In several German-speaking cantons, municipalities can choose to run a first learning cycle (called «Grundstufe» or «Basisstufe»), which combines kindergarten and the first one or two years of primary school. In French-speaking Switzerland, the two kindergarten years are usually included in what is called «cycle 1» or «cycle primaire 1», which lasts for four years. The canton of Ticino offers in addition to the two compulsory years of kindergarten, an initial, voluntary year for children from age three.

This type excludes:

- child day-care activities, see 889100

852 Primary education

8520 Primary education

This class includes primary education: the furnishing of academic courses and associated coursework that give students a sound basic education in reading, writing and mathematics and an elementary understanding of other subjects (for example, history, geography, natural science, social science, art and music).

This class also includes the provision of education programmes within or outside the school system which are equivalent in content to programmes in primary education but are intended for those considered too old to enter primary schools. Examples of such

This class excludes:

- non-formal education and training regardless of the age or field of education, see 855

- child day-care activities, including day nurseries for pupils, see 889100

852001 Primary level

Primary level includes the 6 years of learning following kindergarten. At this level, children are taught reading, writing and mathematics, as well as elementary knowledge of other subjects. Primary school attendance is compulsory.

This type also includes:

- education provided in schools where pre-primary education and primary level are not differentiated

This type excludes:

- pre-primary education (ISCED-P 2011 level 02 pre-primary education), see 851000

852002 Special needs education

Special needs education concerns children and young people with special educational requirements. These children and young people benefit from special measures for their education (from birth to their 20th birthday). They have a right to special schooling and support from specialists in early childhood special needs education, scholastic special needs education, language therapy or psychomotor therapy. There is a special educational requirement for children and young people, where it is ascertained, that development is restricted or hazarded, or that they are unable to meet the usual school standards without special support. In addition, special needs education applies to children and young people, who are shown to have great difficulty in social competence, as well as in learning and performance abilities. The cantons are responsible for the education of children and young people with special educational needs. (source EDK)

This type also includes:

- education provided in special schools where primary education level and lower secondary level are not differentiated
- formal adult literacy programmes

**852009 Compulsory schooling n.e.c.**

This type includes:

- education provided in schools where primary education level and lower secondary level are not differentiated

**853 Secondary and post-secondary non-tertiary education**

This group includes the provision of general secondary and technical and vocational secondary education.

This group also includes the provision of education programmes within or outside the school system, which are equivalent in content to programmes in secondary education but are intended for those considered too old to enter secondary schools. Examples of

This group excludes:

- non-formal education and training, see 855

**8531 General secondary education**

This class includes the provision of education that lays the foundation for lifelong learning and human development and is capable of furthering education opportunities. Activities classified in this class are based on programmes that are usually on a more subject-oriented curriculum using more specialised teachers and more often employing several teachers conducting classes in their field of specialisation.

Subject specialisation at this level often begins to have some influence even on the educational experience of those pursuing a general programme. Such programmes are designed to qualify students either for technical and vocational education or for entrance to higher education without any special subject prerequisite.

This class includes:

- lower general secondary education corresponding more or less to compulsory school age
- upper general secondary education, whether granting access or not to higher education

**853101 Lower secondary level**

The three years of lower secondary level follow primary school. In the canton of Ticino only, lower secondary level (Scuola media) takes four years.

In lower secondary level, teaching is realised at different performance levels. There are three different structural models (streamed, cooperative or integrated model). Depending on the canton, either a single model is implemented throughout the entire canton, or the canton allows the municipalities to choose between various models. (source EDK)

This type also includes:

- the 10th school year
- special education intended for students with disabilities in the lower secondary level

#### 853102 Baccalaureate schools

Baccalaureate schools prepare students for further education at tertiary level, namely at a university. There are Baccalaureate schools in all cantons. The Confederation and the cantons jointly regulate the recognition of Baccalaureate schools. (source EDK)

#### 853103 Upper secondary specialised schools

Upper secondary specialised schools are schools which provide general education at upper secondary level. They offer preparation for tertiary level professional education in specific occupational fields at colleges of higher education (upper secondary specialised school programme) and universities of applied sciences (specialised Baccalaureate programme). They represent an alternative to a Federal Vocational Baccalaureate or Baccalaureate by providing school-based preparation for tertiary level professional education, oriented towards a particular occupational field. (source EDK)

#### 8532 Vocational secondary education

#### 853200 Vocational secondary education

This type includes the provision of education typically emphasising subject-matter specialisation and instruction in both a theoretical background and practical skills that are 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.

This type includes:

- technical and vocational education below the level of post-secondary non-tertiary education as defined in 853300

This type also includes programmes corresponding to the definition of formal education and training as, for example, in the following fields:

- instruction for tourist guides
- instruction for chefs, hoteliers and restaurateurs
- cosmetology and hairdress

This type excludes:

- technical and vocational post-secondary non-tertiary education, see 853300
- technical and vocational higher education, see 8540
- non-formal vocational education and training, see 855

- performing arts instruction for recreation, hobby and self-development purposes, see 855200
- education activities of driving schools not intended for occupational drivers, see 855300
- job training forming part of social work activities without accommodation, see 881000, 889909

8533 Post-secondary non-tertiary education

853300 Post-secondary non-tertiary education

This type includes the provision of post-secondary education and training programmes (both general and vocational) which cannot be considered tertiary education; these are post-secondary non-tertiary education and training programmes. It may also include the provision of supplementary post-secondary education to prepare for tertiary education or for post-secondary non-tertiary vocational education.

This type excludes:

- technical and vocational higher education, see 8540
- non-formal education and training, see 855

854 Tertiary education

8540 Tertiary education

This class includes the furnishing of tertiary academic, professional and vocational courses and the granting of degrees at short-cycle, bachelor's or equivalent level, master's or equivalent level, and doctoral level.

This class includes education in public and private universities provided at the level of:

- short-cycle studies, usually based on practical learning appropriate to the performance of a given profession and preparing students for entry into the labour market or other higher education programmes
- first-cycle studies open to applicants with a secondary school leaving certificate and leading to a first-degree qualification
- second-cycle studies open to applicants holding at least a first-cycle qualification and leading to a second-cycle qualification
- comprehensive master's degree courses open to applicants holding a secondary school leaving certificate and leading to a second-cycle qualification
- postgraduate studies open to applicants who have completed at least first-cycle studies and leading to a postgraduate qualification
- third-cycle studies (training for doctoral students) open to applicants holding at least second-cycle studies and leading to a third-cycle qualification

Education may be conducted as full-time or part-time studies.

This class also includes:

- short-cycle vocational education and training programmes at ISCED-P 2011 level 5
- higher vocational and professional education and training programmes at ISCED-P 2011 level 6 and ISCED-P 2011 level 7 (for example, those leading to a diploma or certificate)

This class excludes:

- non-formal education and training, see 855

**854001 Universities and Federal Institutes of Technology**

In Switzerland, there are twelve recognised universities: ten cantonal universities and two Federal Institutes of Technology (FIT). These are traditional academic universities and primarily conduct basic research, in contrast to universities of applied sciences, which primarily conduct application-oriented research. (source EDK)

**854002 Universities of applied sciences and teacher education**

In addition to the traditional universities, Switzerland also has a second type of university, namely the universities of applied sciences. These offer practice-oriented and application-oriented degree programmes which lead to professional qualifications. They provide practice-oriented degree programmes at Bachelor level and Master level in different specialist areas, and a wide range of continuing education and training programmes. There are nine regional public universities of applied sciences and one private university of applied sciences.

In particular, universities of applied sciences provide access to study at tertiary level for professionals who have completed vocational education and training (VET) and hold a Federal Vocational Baccalaureate.

The remit of the universities of applied sciences comprises teaching (initial and continuing education and training), application-oriented research and development, services for third parties, and cooperation with universities and research institutes in Switzerland and abroad. Due to their practice-oriented degree programmes and their research oriented towards occupational fields, the universities of teacher education are classed as universities of applied sciences. (source EDK)

**854003 Professional education**

Tertiary level professional education is a form of tertiary level education which provides programmes for demanding occupational fields and leadership positions. It serves the purposes of staff training and helps professionals to specialise. Tertiary level professional education comprises colleges of higher education and Federal Diploma of Higher Education examinations and Advanced Federal Diploma of Higher Education examinations. (source EDK)

This type also includes:

- schools for professional pilots

**855 Other education**

This group includes education (including non-formal) which is neither part of initial education in the regular school system, nor equivalent in programme content and qualifications to those programmes. It includes training for any professional, hobby or self-development purposes for both children and adults, including non-formal continuing vocational education and training. Non-formal education is defined by ISCED-P 2011 as institutionalised, intentional and planned by an education provider, as an addition, alternative and/or complement to formal education within the process of an individual's lifelong learning. It targets people of all ages but does not necessarily apply a continuous pathway/structure; it may be short

in duration and/or low-intensity, and it is typically provided in the form of short courses, workshops or seminars.

This group includes the provision of athletic instruction to groups or individuals, foreign language instruction, instruction in the arts, drama or music, as well as other instruction or specialised training provided by camps and schools, not comparable to the education in groups 851 to 854. This group also includes education activities run by self-employed / own account / individual / independent lecturers (tutors, academics, instructors).

This group excludes formal educational activities as outlined in groups 851 to 854, in other words, pre-primary education, primary education, secondary education, post-secondary non-tertiary education or tertiary education.

**8551 Sports and recreation education**

This class includes the provision of instruction in athletic activities to groups or individuals (for example, by camps, schools). Activities provided by day and overnight sports instruction camps are also included. Instruction may be provided in diverse settings (for example, the unit's or client's training facilities, educational institutions) or by other means, including the internet. Instruction provided in this class offers structured educational arrangements (for example, student-teacher relationships) that are specially designed for education and learning. However, it does not lead to qualifications at primary through to tertiary levels.

**855101 Horse-riding activities**

This type includes:

- riding instruction

This type also includes:

- operation of riding facilities in combination with riding instruction

This type excludes:

- horse boarding, see 969900
- raising and breeding of horses, see 014300

**855102 Other sports and recreation education**

This type includes:

- sports instruction in camps or schools
- gymnastics instruction
- swimming instruction
- martial arts instruction
- card game instruction (e.g. bridge)
- board game courses
- yoga or pilates instruction
- e-sports instruction

This type also includes:

- activities of professional sports instructors, teachers, coaches

This type excludes:

- activities provided by academic schools, colleges and universities, see 8540
- cultural education, see 855200
- sports training within sports clubs, see 931200

- fitness instruction provided by fitness centres, yoga studios and similar facilities, see 931300

8552 Cultural education

**855200 Cultural education**

This type includes the provision of instruction in the arts, drama and music (for example, by schools, studios, classes). Structured educational arrangements specially designed for education and learning (for example, student-teacher relationships and/or interactions) are provided. Such instruction is mainly for hobby, recreational or self-development purposes, and does not lead to qualifications at primary through to tertiary levels.

This type includes:

- music instruction
- art instruction
- dance instruction
- drama, fine arts, performing arts and photography instruction

This type also includes:

- activities of professional arts instructors and teachers

This type excludes:

- education activities of drama, fine arts, performing arts and photography schools, which lead to qualifications at secondary, post-secondary non-tertiary or tertiary levels, see 853, 8540
- foreign language instruction, see 855901
- mediation activities, see 889909

8553 Driving school activities

**855300 Driving school activities**

This type also includes:

- education activities of flying, sailing and shipping schools not issuing commercial certificates and permits

This type excludes:

- education activities of driving or flying schools for occupational drivers and for professional pilots, see 853200

8559 Other education n.e.c.

**855901 Language schools**

This type includes:

- language instruction and conversational skills instruction

This type also includes:

- public speaking training

**855902 IT schools**

This type includes:

- computer training (e.g. general computer use, programming courses, use of computer applications)

855903	<p>Further vocational training, adult education</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- vocational training intended for adults which cannot be unambiguously allocated to another position. It may involve daytime or evening courses in special schools or centres.</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- formal adult literacy programmes, see 852002</li> <li>- general secondary education, see 8531</li> <li>- technical and vocational secondary education and training, see 853200</li> </ul>
855909	<p>Other miscellaneous education n.e.c.</p> <p>This type includes:</p> <ul style="list-style-type: none"> <li>- education that is not definable by level</li> <li>- academic tutoring</li> <li>- remedial courses</li> <li>- professional examination review courses</li> <li>- relaxation courses (e.g. meditation courses, breathing techniques, courses of awareness through movement, courses on stress and anxiety relief techniques)</li> <li>- religious instruction by religious centres</li> <li>- sewing courses</li> <li>- oenology courses</li> <li>- family life courses (e.g. parent–child courses)</li> <li>- training on plant protection products</li> </ul> <p>This type also includes:</p> <ul style="list-style-type: none"> <li>- lifeguard training</li> <li>- survival training</li> <li>- speed-reading instruction</li> <li>- activities of professional instructors and teachers in subjects other than sports, arts and driving</li> </ul> <p>This type excludes:</p> <ul style="list-style-type: none"> <li>- entertainment activities in retirement homes, see 932900</li> </ul>
856	Educational support activities
8561	Intermediation service activities for courses and tutors
856100	<p>Intermediation service activities for courses and tutors</p> <p>This type includes the intermediation of service activities for courses and tutors by bringing clients and service providers together for a fee or commission, without the intermediary providing the services intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the service activities for courses and tutors. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).</p>
8569	Educational support activities n.e.c.

856900 Educational support activities n.e.c.

This type includes:

- provision of non-instructional activities that support educational processes or systems:

- educational consulting
- vocational and career-related counselling activities
- educational guidance counselling activities
- educational testing evaluation activities
- educational testing activities
- organisation of student exchange programmes
- examination and testing of regulated professions (e.g. pilots)
- development of curricula
- expert and rehabilitation activities examining learning ability

This type excludes:

- research and experimental development on social sciences and humanities, see 722000

- R HUMAN HEALTH AND SOCIAL WORK ACTIVITIES  
This section includes the provision of a wide range of health and social work activities. These activities can be exercised by private or public service providers.
- 86 Human health activities  
This division includes activities of short- or long-term inpatient health care. It covers general and specialty medical/surgical care offered by hospitals, preventoria, medical nursing homes, mental hospital institutions, rehabilitation centres and other human health institutions which have accommodation facilities and which engage in providing diagnostic and medical treatment to primarily inpatients, with a wide range of medical conditions.  
This division also includes medical consultation and treatment in the field of general and specialised medicine, by general practitioners and medical specialists and surgeons. It includes dental practice activities of a general or specialised nature, as well as orthodontic activities.  
Additionally, this division includes medical, curative, rehabilitative or prevention activities by paramedical practitioners and health professionals other than hospitals or practicing medical doctors.  
This division also includes other human health activities (for example, activities of medical laboratories, blood banks, sperm banks, transplant organ banks, and so on, including collecting, processing, storing and shipping).  
This division excludes:  
- veterinary activities, see 750000
- 861 Hospital activities
- 8610 Hospital activities  
This class includes activities for human health, performed by hospitals, legally recognised to treat patients.  
This class includes:  
- short- or long-term provision of medical, diagnostic and treatment services, including physician, nursing and other health services to inpatients and the specialised accommodation services required by inpatients, as provided by general hospitals and specialised hospitals (e.g. community and regional hospitals, hospitals of non-profit organisations, university hospitals, military and prison hospitals)  
The activities are chiefly directed to inpatients, are carried out under the direct supervision of medical doctors and include:  
- activities of medical and paramedical staff  
- activities of laboratory and technical facilities, including radiologic and anaesthesiologic activities  
- emergency room activities  
- provision of operating room services, pharmacy services, food and other hospital services  
- activities of family planning centres providing medical treatment (e.g. sterilisation, termination of pregnancy), with accommodation  
This class also includes:

- activities of mental health or psychiatric hospitals, providing diagnostic and medical treatment

This class excludes:

- laboratory testing and inspection of all types of materials and products, except medical laboratory testing, see 712000
- veterinary activities, see 750000
- health activities for military personnel in the field, see 842201
- private consultants' services to inpatients, see 862
- dental practice activities of a general or specialised nature (e.g. dentistry, endodontic and paediatric dentistry) ; oral pathology, orthodontic activities, see 862300
- diagnostic imaging services and medical laboratory activities, not part of hospital activities, see 869101
- patient transport by ambulance, see 869200

#### 861001 General care hospitals

This type includes:

- activities of hospitals where there are at least two specialised disciplines such as neurology, gynaecology, dermatology, surgery, obstetrics, etc.

#### 861002 Special clinics

This type includes activities of:

- psychiatric, mental health and substance abuse hospitals/clinics
- hospitals for infectious diseases
- specialised sanatoriums
- hospitals/clinics specialised in specific fields (e.g. surgery, gynaecology, neonatology, obstetrics paediatrics, geriatrics, etc.)

#### 862 Medical and dental practice activities

This group includes medical consultation and treatment, performed by general medical practitioners and medical specialists (for example, medical doctors, dentists), legally recognised to treat patients.

These activities can be carried out in private practice, group practices, hospital outpatient clinics and in clinics attached to businesses, schools, homes for older persons, labour organisations and fraternal organisations, as well as in patients' homes.

This group also includes:

- private consultants' services to inpatients

#### 8621 General medical practice activities

#### 862100 General medical practice activities

This type includes:

- medical consultation and treatment in the field of general medicine carried out by general practitioners

This type excludes:

- inpatient hospital activities, see 8610
- medical specialists' activities, see 862200
- nursing and midwifery activities, see 8694
- physiotherapy activities, see 869501
- traditional, complementary and alternative medicine activities, see 8696

8622 Medical specialists activities

862200 Medical specialists activities

This type includes:

- medical consultation and treatment in the field of specialised medicine by medical specialists and surgeons

This type also includes:

- family planning centres providing medical treatment (e.g. sterilisation, termination of pregnancy), without accommodation

- cosmetic surgery activities performed by medical specialists

- treatment in outpatient or day clinics (e

This type excludes:

- inpatient hospital activities, see 8610

- nursing and midwifery activities, see 8694

- activities of physiotherapists, see 869501

- beauty treatment activities not performed by medical specialists (e.g. by cosmetologists), see 962200

8623 Dental practice care activities

862300 Dental practice care activities

This type includes:

- dental practice activities of a general or specialised nature (e.g. dentistry, endodontic and paediatric dentistry); oral pathology

- orthodontic activities

This type also includes:

- dental activities in operating rooms

This type excludes:

- production of artificial teeth, denture and prosthetic appliances by dental laboratories, see 325002

- inpatient hospital activities, see 8610

- activities of dental paramedical personnel (e.g. dental hygienists, dental therapists) see 869909

869 Other human health activities

This group includes medical, curative, rehabilitative, or prevention activities (without the provision of accommodation services) by paramedical practitioners and health professionals other than hospitals or practicing medical doctors.

8691 Diagnostic imaging services and medical laboratory activities

This class includes activities of medical laboratories providing analytic or diagnostic services (without the medical analysis or interpretation itself), including body fluid analysis or genetic testing, directly to outpatients with or without referral from healthcare practitioners.

869101 Diagnostic imaging services

This type includes:

- X-ray laboratories and other diagnostic imaging centres

This type excludes:

- medical analysis and interpretation of diagnostic medical images (x-ray, electrocardiograms, endoscopies, etc.), see 862200

**869102 Medical laboratory activities**

This type includes:

- blood analysis laboratories
- DNA sequencing for ruling out or curing a specific disease

This type also includes:

- laboratory doping control activities

This type excludes:

- non-medical laboratory testing, testing activities in the field of food hygiene, activities of forensic laboratories, see 712000
- activities of genome data centres, blood and organ banks, see 869909

**8692 Patient transportation by ambulance**

**869200 Patient transportation by ambulance**

This type includes ambulance transport of patients by any mode of transport, including airplanes. Ambulance vehicles carry paramedics / medical doctors and are usually equipped with lifesaving equipment.

This type also includes:

- specialised transport of patients, accompanied by paramedics
- primary care given by a paramedic or a doctor during the patient's transport by ambulance

This type excludes:

- transport of patients, in vehicles without paramedical practitioners and equipment for lifesaving, see divisions 49, 50
- transport of patients, in airplanes without paramedical practitioners and equipment for lifesaving, see division 51
- transport of blood and body organs/fluids, see 869909

**8693 Activities of psychologists and psychotherapists, except medical doctors**

**869301 Activities of psychological psychotherapists**

This type includes:

- consultation and treatment activities of psychological psychotherapists

This type also includes:

- music therapy activities performed by psychotherapists

This type excludes:

- activities of psychiatrists, see 862200
- activities of psychologists without specialization in psychotherapy, see 869303

**869302 Activities of neuropsychologists**

This type includes:

- consultation and treatment activities of neuropsychologists

**869303 Activities of psychologists**

This type includes:

- consultation and treatment activities of psychologists in the fields of clinical psychology, health psychology and child and adolescent psychology

This type also includes:

- music therapy activities performed by psychologists

**8694**      **Nursing and midwifery activities**

This class includes nursing and midwifery activities not performed by medical doctors

**869401**    **Nursing and district nursing activities**

This type includes:

- activities of independent nurses, who work in own consulting rooms or at patients' homes

This type also includes:

- palliative nursing care activities for outpatients

This type excludes:

- residential nursing care facilities, see 871000

- homecare services, see 881000

**869402**    **Midwifery activities**

This type includes:

- activities of independent midwives who work in own consulting rooms or at patients' homes

**869403**    **Birth houses**

This type includes:

- activities of maternity facilities, without permanent supervision of medical doctors

This type excludes:

- maternity wards in hospitals, under the direct supervision of medical doctors, see 8610

**8695**      **Physiotherapy activities**

This class includes therapies provided by independent professionals to improve mobility, restore function or reduce pain.

**869501**    **Physiotherapy activities**

This type includes:

- activities of physiotherapists

This type excludes:

- activities of chiropractors, see 869601

- activities of osteopaths, see 869602

**869502**    **Occupational therapy activities**

This type includes:

- activities of occupational therapists (ergotherapists)

This type also includes:

- activities of psychomotor therapists

This type excludes:

- activities of chiropractors, see 869601

- activities of osteopaths, see 869602

- 869503 Other physiotherapy activities**  
 This type includes:  
 - activities of medical massage therapists  
 This type excludes:  
 - body treatment techniques, e.g. shiatsu, Thai massage, watsu, tuina qigong, see 869909  
 - massage salons for non-medical massage, see 962300
- 8696 Traditional, complementary and alternative medicine activities**  
 This class includes the provision of preventive, curative, or rehabilitative healthcare services by health professionals. The health benefits of these services are not based on scientific data for diagnosing and treating diseases and have so far not been fully assessed in ways that can be universally accepted as being evidence-based.
- 869601 Chiropractic activities**  
 This type includes:  
 - activities of chiropractors
- 869602 Other traditional, complementary and alternative medicine activities**  
 This type includes:  
 - provision of traditional medicine services that comprise a range of long-standing and still-evolving practices, developed within various societies before or during the development of modern medicine (e.g. traditional Chinese therapies such as acupuncture and Chinese herbal medicines, Unani, and traditional African medicines)  
 - provision of complementary therapeutic services (e.g. Alexander therapy, aromatherapy, Bach therapy and other flower therapies, body therapy, Ayurvedic, herbal medicine, naturopathy, nutritional therapy)  
 - provision of alternative therapeutic services (e.g. homeopathy, crystal therapy, iridology, kinesiology, radionics)  
 - activities of osteopaths  
 This type also includes:  
 - activities of healers  
 - hypnotherapy  
 - reflexology activities  
 - remedial therapists Cesar and Mensendieck  
 - naprapathy  
 This type excludes:  
 - body treatment techniques (e.g. shiatsu, Thai massage, watsu, tui na qigong), see 869909  
 - massage salons for non-medical massage, see 962300
- 8697 Intermediation service activities for medical, dental and other human health services**
- 869700 Intermediation service activities for medical, dental and other human health services**  
 This type includes the intermediation of medical, dental and other human health services, by bringing clients and service providers together for a fee

or commission, without the intermediary providing the medical, dental and other human health services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the medical, dental or other human health service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type also includes:

- appointment reservations for medical, dental and other human health services

This type excludes:

- intermediation service activities for residential care activities, see 879100

8699 Other human health activities n.e.c.

869901 Speech and language therapy activities

This type includes:

- activities of speech therapists

869902 Diet and nutrition counselling activities

This type includes:

- activities of dieticians

869903 Podiatry activities

This type includes:

- activities of podiatrists

869909 Other miscellaneous human health activities n.e.c.

This type includes:

- activities of dental paramedical personnel (e.g. dental therapists, school dental nurses, dental hygienists), who may work remote from – but are periodically supervised – by dentists
- activities of orthoptists
- activities of skin therapists
- body treatment techniques (e.g. shiatsu, Thai massage, watsu, tui na qigong)
- animal therapy activities (e.g. hippotherapy)
- colonic hydrotherapy
- dance and movement therapy
- art therapy

This type also includes:

- activities of blood banks, tissue banks, sperm banks, transplant organ banks, bio banks, genome data centres, etc., including collecting, processing, storage and shipping
- operation of bone marrow donor registries
- transport o

This type excludes:

- production of artificial teeth, denture and prosthetic appliances by dental laboratories, see 325002
- non-medical laboratory testing, see 712000

- testing activities in the field of food hygiene, see 712000
- hospital activities, see 8610
- medical and dental practice activities, see 862
- diagnostic imaging services and medical laboratory activities, see 8691
- activities of psychologists (e.g. clinical psychologists, health psychologists, psychotherapists, except medical doctors), see 8693
- nursing and midwifery activities, see 8694
- physiotherapy activities, see 869501
- activities of medical massage therapists, see 869503
- residential nursing care facilities, see 871000
- activities of massage salons for non-medical massage, see 962300

87 Residential care activities

This division includes the provision of residential care combined with either nursing, supervisory or other types of care, as required by the residents. Residential care is a mix of health and social services with the health services being largely nursing services. Residential care activities are provided for residents, who can be staying temporarily. This division also includes activities of residential care centres (providing regular residential care in places specially built or adapted for some target groups). Units are classified depending on target groups.

This division excludes:

- non-residential nursing activities, see 869401
- non-residential care activities, see division 88

871 Residential nursing care activities

8710 Residential nursing care activities

871000 Residential nursing care activities

This type includes the provision of residential care, with medical assistance, nursing and rehabilitation treatments. These establishments have a permanent core staff of registered or licensed practical nurses that, along with other staff, provide nursing care in combination with personal care. The medical or nursing care services typically include administering medication, performing medical diagnoses and dressing wounds, and are chiefly provided without the supervision of a medical doctor located on the premises.

This type includes activities of:

- homes for older persons with nursing care
- convalescent homes, other than mental health and substance abuse facilities
- rest homes with nursing care
- nursing care facilities
- nursing homes/hospices
- inpatient care hospices for palliative care

This type excludes:

- palliative nursing care for out-patients, see 869401
- activities of homes for the older persons without or with only minimal nursing care, see 873001

- provision of residential care and assistance services (e.g. orphanages, children's boarding homes and hostels, temporary homeless shelters), see 8799

872 Residential care activities for persons living with or having a diagnosis of a mental illness or substance abuse

8720 Residential care activities for persons living with or having a diagnosis of a mental illness or substance abuse  
This class includes the provision of residential care (but not licensed hospital care), protective supervision and counselling to persons living with or having a diagnosis of a mental illness, intellectual disability or substance abuse, irrespective of their age.

872001 Residential care activities for persons suffering from addiction

This type includes activities of:

- facilities for the treatment of substance abuse

This type excludes:

- mental health hospitals, see 861002

- provision of residential nursing care and rehabilitative services for individuals other than those living with or having a diagnosis of a mental illness, see 871000, 8730

- social work activities with accommodation (e.g. temporary homeless shelters), see 879909

- non-residential care activities for persons living with or having a diagnosis of a mental illness (e.g. mentalhealth care centres), see division 88

872002 Residential care activities for persons with psychosocial issues

This type includes activities of:

- mental health convalescent homes

- residential group homes for the emotionally disturbed

- mental health halfway houses

- assisted living facilities for persons having a diagnosis of intellectual disability

This type excludes:

- mental health hospitals, see 861002

- provision of residential nursing care and rehabilitative services for individuals other than those living with or having a diagnosis of a mental illness, see 871000, 8730

- social work activities with accommodation (e.g. temporary homeless shelters), see 879909

- non-residential care activities for persons living with or having a diagnosis of a mental illness (e.g. mentalhealth care centres), see division 88

873 Residential care activities for older persons or persons with physical disabilities

8730 Residential care activities for older persons or persons with physical disabilities

This class includes the provision of residential and personal care services for older persons or persons with physical disabilities who are unable to fully care for themselves and/or who choose not to live independently. The care typically includes room, board, supervision and assistance in daily living (for example, housekeeping activities). Nursing care is sometimes provided for residents in separate on-site facilities.

**873001 Retirement homes**

This type includes activities of:

- assisted-living facilities
- continuing care retirement communities
- homes for the older persons with minimal nursing care
- rest homes without nursing care

This type excludes:

- residential nursing care activities for older persons, see 871000

**873002 Residential care activities for persons with disabilities**

This type includes activities of:

- units providing care for persons with physical disabilities
- units working for social and professional integration of physically disabled persons
- units providing care for persons with speech, hearing or sight disabilities

This type excludes:

- provision of residential nursing and rehabilitative services for older persons or persons living with or having a diagnosis of a mental illness, see 872002
- social work activities with accommodation, see 8799

879 Other residential care activities

8791 Intermediation service activities for residential care activities

**879100 Intermediation service activities for residential care activities**

This type includes the intermediation of residential care activities, by bringing clients and service providers together for a fee or commission, without the intermediary providing the residential care services that are intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including door-to-door, face-to-face, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the residential care service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

This type excludes:

- intermediation service activities for medical, dental and other human health services, see 869700

8799 Other residential care activities n.e.c.

This class includes the provision of residential care and assistance services for persons, except older persons and persons with disabilities, who are unable to fully care for themselves or who do not wish to live on their own.

The activities are usually carried out by government offices or private organisations.

**879901 Residential homes for children and young people**

This type includes:

- residential and social assistance activities provided on a round-the-clock basis to special categories of persons, but where medical treatment or education are not essential elements:

- orphanages
- children's boarding homes and hostels

This type also includes:

- activities of:

- halfway group houses for groups of persons with social or personal problems
- halfway houses for delinquents and offenders
- juvenile correction homes

This type excludes:

- student residences, see 559000
- child day-care activities, see 889100
- adoption service activities, see 889909

**879909 Other miscellaneous residential care activities n.e.c.**

This type includes:

- provision of residential services for homeless persons, refugees, immigrants, etc.
- other residential family support activities

This type excludes:

- funding and administration of compulsory social security programmes, see 843000
- activities of residential nursing care facilities, see 871000
- provision of residential nursing and rehabilitative services for persons living with or having a diagnosis of a mental illness, see 872002
- residential care activities for persons having a diagnosis of intellectual disability, see 872002
- residential care activities for the older persons or persons with physical disabilities, see 8730

**88 Social work activities without accommodation**

This division includes the provision of a variety of social assistance services directly to clients. The activities in this division do not include accommodation services, except on a temporary basis.

**881 Social work activities without accommodation for older persons or persons with disabilities**

**8810 Social work activities without accommodation for older persons or persons with disabilities**

**881000 Social work activities without accommodation for older persons or persons with disabilities**

This type includes:

- social, counselling, welfare, referral and similar services which are aimed at older persons or persons with disabilities in their homes or elsewhere and carried out by government offices or by private organisations, national or local self-help organisations and by specialists providing counselling services:

- visiting older persons and persons with disabilities
- day-care activities for older persons or adults with disabilities
- home assistance services for older persons or persons with disabilities
- vocational rehabilitation and habilitation activities for persons with physical disabilities where the education component is limited

This type also includes:

- activities of caregivers (home assistance)  
- homecare services  
- home assistance services, such as to carry out domestic tasks, rendered to persons having a diagnosis of temporary medical impairment

This type excludes:

- funding and administration of compulsory social security programmes, see 843000  
- activities similar to those described in this class, but including accommodation, see 8730  
- day-care activities for children with disabilities, see 889100

889 Other social work activities without accommodation

8891 Child day-care activities

**889100 Child day-care activities**

This type includes:

- day-care activities for children provided in private homes or day-care centres  
- after-school care activities

This type also includes:

- day-care activities for children with disabilities

8899 Other social work activities without accommodation n.e.c.

This class includes:

- social, counselling, welfare, refugee, referral and similar services, which are delivered to individuals and families in their homes or elsewhere and carried out by government offices or by private organisations, disaster relief organisations, national or local self-help organisations and by specialists providing counselling services.

**889901 Charitable institutions**

This type includes:

- activities of private or government-supported welfare organisations  
- fundraising and related activities of welfare organisations

889909 Other miscellaneous social work activities without accommodation n.e.c.

This type includes:

- child and youth support activities
- adoption service, activities for the prevention of cruelty to children and others
- household budget counselling, marriage and family guidance, credit and debt counselling services
- community and neighbourhood activities
- activities for disaster victims, refugees, immigrants, etc.
- vocational rehabilitation and habilitation activities for unemployed persons provided that the education component is limited
- eligibility determination in connection with welfare benefits, rent supplements or food stamps
- day facilities for homeless persons and other socially vulnerable groups
- cultural and intercultural mediation activities aimed at preventing the distress of adults experiencing difficulties in social and labour market integration, removing the social marginalisation of children and adolescents, rehabilitating adults and minors in prison, on probation and out of prison and reintegrating adults into active life
- refugee resettlement activities

This type excludes:

- legal mediation activities, see 6910
- funding and administration of compulsory social security programmes, see 843000
- activities similar to those described in this class, but including accommodation, see 8799

- S ARTS, SPORTS AND RECREATION**  
 This section includes a wide range of activities to meet varied cultural, sports and recreational interests of their customers, including live performances, entertainment, the operation of cultural and natural heritage sites, and gambling.  
 This section also includes services that facilitate entertainment events and live performances.
- 90 Arts creation and performing arts activities**  
 This division includes arts creation and performing arts activities and the operation of facilities and provision of services to meet cultural and entertainment interests. 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, live performances and events.  
 This division excludes:  
 - motion picture and video production/distribution, see 591100, 591200, 591300  
 - motion picture projection, see 591400  
 - radio and television broadcasting, see 601000, 602000  
 - photographic activities, see 742000  
 - cultural education (non-academic teaching of instrument playing, painting, acting, dancing, etc.), see 855200  
 - the operation of museums of all kinds, archaeological and historical sites and monuments, libraries, archives, botanical and zoological gardens; the preservation of historical sites; activities of nature reserves, see division 91  
 - conservation and restoration of cultural heritage, see 913  
 - gambling and betting activities, see division 92  
 - sports and amusement and recreation activities, see division 93
- 901 Arts creation activities**  
 This group includes activities in literary creation, musical composition, visual arts creation and related activities.
- 9011 Literary creation and musical composition activities**
- 901100 Literary creation and musical composition activities**  
 This type includes:  
 - activities of individual writers, for all subjects, including fictional writing, etc.  
 - musical composition  
 - texts and compositions writing on behalf of someone else  
 - activities of scriptwriting  
 - activities of journalists whose content is published by a third party  
 - activities of bloggers whose content is published by a third party  
 This type also includes:  
 - technical writing  
 This type excludes:  
 - (re)production, distribution of books and music, see section J  
 - translators working on book editing, see 743

- activities of independent musicians and actors participating in video and audiovisual content of all kinds, see 9020

9012 Visual arts creation activities

901200 Visual arts creation activities

This type includes the activities of creation and production of works of the visual arts.

This type includes:

- activities of independent artists (e.g. sculptors, painters, cartoonists, calligraphers, engravers, etchers)
- digital forms of visual arts creation
- creations of art featuring light installations

This type excludes:

- manufacture of statues, other than artistic originals, see 237001
- motion picture and video production, see 591100, 591200
- operation of cinemas, see 591400
- photographic activities, see 742000
- activities of personal theatrical or artistic agents or agencies, see 749909
- casting activities, see 781000
- intermediation service activities for theatrical, sport, amusement and entertainment tickets, see 824000
- choreography activities, see 901300
- creation and presentation of light and sound shows, see 932900

9013 Other arts creation activities

901300 Other arts creation activities

This type includes:

- choreography activities

This type excludes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see 439900
- operation of museums of all kinds, see 912100
- repair of furniture not considered cultural heritage and non-historical, see 952400

902 Activities of performing arts

9020 Activities of performing arts

This class includes activities in the performing arts and related activities.

902001 Theatrical and live entertainment activities

This type includes:

- live stage productions (theatrical presentations, dances and others):
  - activities of performing groups, circuses or companies
  - activities of performing artists (e.g. actors (including stand-up comedians), dancers)

This type also includes:

- operation of performing arts facilities for own ensemble
- activities of independent actors appearing in video and audiovisual content of all kinds
- activities of influencers appearing in vlogs published by a third party
- acti

This type excludes:

- publishing texts and photographs and other contents without video by influencers or bloggers, see 581900
- production of video and audiovisual content, including vlogs, see 591100
- activities of personal theatrical or artistic agents or agencies, see 749909
- casting activities, see 781000
- activities of bloggers not self-publishing their own created content, see 901100
- activities of orchestras, choirs and musicians, see 902002

#### 902002 Activities of orchestras, choirs and musicians

This type includes:

- live stage productions (concerts, operas and others):
  - activities of performing groups, orchestras or bands
  - activities of performing artists (e.g. musicians (including activities of independent musicians), conductors)

This type also includes:

- activities of independent musicians appearing in video and audiovisual content of all kinds

#### 903 Support activities to arts creation and performing arts

This group includes support activities to arts creation and performing arts. It includes activities supporting the production of theatre, opera and ballet performances, musicals, events and others, activities of producers of artistic performances, inside or outside the premises.

#### 9031 Operation of arts facilities and sites

#### 903100 Operation of arts facilities and sites

This type includes:

- operation of arts facilities (e.g. concert halls, theatre halls, cultural centres)
- operation of arts facilities which support artistic creation in visual arts

This type also includes:

- operation of music venues, music clubs and similar facilities for live performances

This type excludes:

- retail sale of paintings and sculptures (activities of commercial art galleries), see 476900
- activities of bars, pubs and similar facilities which predominantly serve beverages, which may include the provision of live music and dance activities, see 5630
- operation of cinemas, see 591400
- intermediation service activities for theatrical, sport, amusement and entertainment tickets, see 824000
- operation of arts facilities for own ensemble, see 902001

- operation of museums of all kinds, see 912100
- operation of dance floors and ballrooms where beverage serving is not the main activity, see 932900

9039 Other support activities to arts and performing arts

903900 Other support activities to arts and performing arts

This type includes:

- support activities to the performing arts for production of live stage presentations (e.g. theatrical presentations, concerts, opera, dance, other stage productions):
  - activities of producers, stage-set designers and builders, scene-shifters, lighting engineers, etc.
- organisation of cultural and entertainment events (e.g. film festivals, music and dance festivals)
- activities of film and theatre directors, dramaturges, film promoters and programmes creators

This type also includes:

- activities of producers or promoters of live arts events, with or without facilities
- technical planning, supply, setting-up and operation of audiovisual equipment and special effects associated with the organisation of artists

This type excludes:

- production of motion pictures, including digital distribution, for direct projection in theatres or for broadcasting or streaming, see 591
- broadcasting of live performances and events, see 602000
- activities of personal theatrical or artistic agents or agencies, see 749909
- casting activities, see 781000
- organisation of conferences, conventions and trade shows, see 823000
- activities of producers or promoters of sporting events, with or without facilities, see 931900
- activities of performing artists and groups, see 9020
- technical planning, supply, setting up and operation of audiovisual equipment and special effects associated with the organisation of non-artistic events, see 932900

91 Libraries, archives, museums and other cultural activities

This division includes the activities of libraries and archives; the operation of museums of all kinds, heritage collections of all types, including library and archival documents, botanical and zoological gardens; the operation of archaeological and historical sites or buildings and the activities of nature reserves. These activities include the identification, collection, inventory, conservation/restoration and mediation of cultural or natural, tangible and intangible heritage.

It also includes the preservation and exhibition of objects, sites and natural wonders of historical, cultural or educational interest (for example, World Heritage Sites).

This division excludes:

- manufacture of musical instruments, see 322000
- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see 439900

- retail sale of paintings and sculptures (activities of commercial art galleries), see 476900
- retail sale of second-hand goods, see 477902
- transport and storage activities, see division 52
- insurance activities, see division 66
- architectural activities to support the conservation and restoration of cultural heritage properties, see 711101
- research activities, conservation sciences devoted to cultural heritage, see division 72
- activities of tourist guides and lecturers, see 799000
- sports, amusement and recreation activities (e.g. the operation of bathing beaches and recreation parks), see division 93
- repair of musical instruments not considered cultural heritage and non-historical, see 952900

911 Library and archive activities

This group includes activities related to the management, care, preservation and assessment of libraries and archives.

This group includes:

- documentation and information activities of libraries and archives of all kinds, including reading, listening and viewing rooms, providing library and archive services to the general public or to a specific public (e.g. students, scientists, staff members)
- operation of public archives (at governmental, regional or local level) or of private archives (artists', historians', writers' archives, etc.)
- organisation of a library collection, whether specialised or not, cataloguing collections
- lending and storage of books, maps, periodicals, films, records, tapes, works of art, archives, etc.
- retrieval activities in order to comply with information requests, etc.

This group excludes:

- conservation and restoration of cultural heritage, see 913000

9111 Library activities

911100 Library activities

This type includes:

- documentation and information activities of libraries of all kinds (including digital libraries), reading, listening and viewing rooms:
  - organisation of a collection, whether specialised 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 type excludes:

- conservation and restoration of cultural heritage, see 913

9112 Archive activities

911200 Archive activities

Archive activities include the activities carried out by archival services of all types, with a view to building, storing, classifying, physical or digital archive collections and communicating them to the general public or to a particular category of users.

This type includes:

- activities of public archives providing a service to the general public or to a special clientele (e.g. students, scientists, staff members) as well as the operation of government archives
- activities related to the acquisition or collection of archives
- activities related to the identification, stocktaking, description and classification of archives
- activities related to the safety and maintenance of archive items (monitoring of the sanitary status and of climatic conditions, safety and security, rehabilitation)
- activities related to the communication of archives to the public on site or remotely
- digitisation of archival documents for digital archive collections

This type also includes:

- archiving of all kinds of documents (in paper or electronic form)

This type excludes:

- retail sale of manuscripts, see 476900
- storage of data files, see 631000
- digitisation of files (linked to further processing of data), see 631000
- digitisation of files (without any other related activity), see 821000
- conservation and restoration of cultural heritage, see 913000

912 Museum, collection, historical site and monument activities

This group includes the operation, management, care, preservation, exhibition and assessment of cultural heritage: tangible, intangible and digital in a wide variety of types of collections (both private and public). It includes activities pertaining to cultural heritage places as a result of human intervention in its surroundings, from landscapes to gardens, from historical and archaeological sites to buildings.

This group excludes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see 439900
- retail sale of paintings and sculptures (activities of commercial art galleries), see 476900
- architectural activities to support the conservation and restoration of cultural heritage properties, see 711101
- activities related to conservation and restoration of cultural heritage, see 913000

9121 Museum and collection activities

912100 Museum and collection activities

This type includes:

- operation, management, care, preservation, assessment and exhibition of collections of museums of all kinds:
  - museums or art museums; applied art, crafts and design museums (e.g. jewellery, furniture, costumes, ceramics, silverware)

- natural history, science and technology museums, historical museums (including military museums)
  - other specialised museums
  - open-air museums, ecomuseums, digital and virtual museums
  - collections in historic houses and national galleries; interpretation centres for ethnographic, religious and folk art (at local or regional level)
  - activities of art galleries, exhibiting art (not for sale)
- This type excludes:
- retail sale of paintings and sculptures (activities of commercial art galleries), see 476900
  - library activities, see 911100
  - archive activities, see 911200
  - conservation and restoration of cultural heritage, see 913000
  - repair of furniture not considered cultural heritage and non-historical, see 952400

9122 Historical site and monument activities

**912200 Historical site and monument activities**

This type includes the operation and preservation of cultural heritage places as a result of human intervention in its surroundings, from landscapes to gardens and from buildings to sites (natural and built heritage).

This type includes:

- operation and preservation of historical sites and buildings
- operation and preservation of archaeological sites open to visitors

This type excludes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see 439900
- conservation and restoration of cultural heritage, see 913000
- architectural activities to support the conservation and restoration of cultural heritage properties, see 711101
- archaeological excavations, see 722000

913 Conservation, restoration and other support activities for cultural heritage

9130 Conservation, restoration and other support activities for cultural heritage

**913000 Conservation, restoration and other support activities for cultural heritage**

This type includes:

- conservation and restoration of historical and archaeological assets of all types of materials, whether the assets are movable or stationary

This type also includes:

- consulting regarding the conservation and restoration of cultural heritage
- activities necessary for the digitisation of cultural heritage, e.g.:
  - gathering the information and data needed for the creation of virtual replicas

This type excludes:

- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see 439900

- architectural activities to support the conservation and restoration of cultural heritage properties, see 711101
- conservation science (research and development activities devoted to cultural heritage), see division 72
- archaeological excavations, see 722000
- repair of furniture not considered cultural heritage and non-historical, see 952400
- repair of musical instruments not considered cultural heritage and non-historical, see 952900

914 Botanical and zoological garden and nature reserve activities

9141 Botanical and zoological garden activities

**914100 Botanical and zoological garden activities**

This type includes:

- operation of botanical and zoological gardens, including children's zoos
- operation of aquariums

This type excludes:

- landscape and gardening activities, see 813000
- operation of sport fishing and hunting preserves, see 931900

9142 Nature reserve activities

**914200 Nature reserve activities**

This type includes:

- operation of nature reserves, including wildlife preservation, etc.
- conservation and maintenance services of national parks, nature parks and reserves

This type excludes:

- protection or restoring activities of agricultural land, see division 01
- protection or restoring activities of forestry land, see division 02
- protection or restoring activities of landscape (e.g. for parks, gardens), see 813000
- operation of sport fishing and hunting preserves, see 931900

92 Gambling and betting activities

This division includes the operation of gambling facilities (for example, casinos, bingo halls, electronic gambling machines) and the provision of gambling services (for example, lotteries, off-track betting). These gambling and betting activities can be carried out in gambling facilities or online.

This division excludes:

- operation of coin-operated games, see 932900

920 Gambling and betting activities

9200 Gambling and betting activities

**920000**    **Gambling and betting activities**

This type includes gambling and betting activities, for example:

- bookmaking and other betting operations
- off-track betting
- operation of casinos (including floating casinos)
- sale of lottery tickets
- operation (exploitation) of coin-operated gambling machines
- quiz app subscriptions with prizes
- sports betting
- operation of card games as a betting activity
- operation of gambling or lottery games

This type excludes:

- operation of card games clubs (e.g. bridge clubs), see 931200

**93**            **Sports activities and amusement and recreation activities**

This division includes sports activities in any form of physical activity undertaken, either occasionally or in an organised participatory manner, with the aim of expressing and improving physical fitness and mental well-being, and of establishing social links or achieving results in competitions at all levels.

This division includes the provision of amusement and recreation activities.

This division also includes:

- organisation of sporting events

This division excludes:

- dramatic arts, music other arts and entertainment (e.g. the production of live theatrical presentations, concerts, opera or dance productions, other stage productions), see division 90
- operation of museums of all kinds, archaeological and historical sites and monuments, libraries, archives, botanical and zoological gardens; the preservation of historical sites; activities of nature reserves; see division 91

**931**            **Sports activities**

This group includes the operation of sports facilities; activities of sports teams or clubs primarily participating in live sporting events; independent athletes engaged in participating in live sports or racing events activities related to training animals for sports or entertainment; sports trainers providing specialised services to support participants in sporting events or competitions; operators of arenas and stadiums; other activities of organising, promoting or managing sporting events n.e.c.

This group excludes:

- sports and recreation education activities, see 8551

**9311**           **Operation of sports facilities**

**931100**       **Operation of sports facilities**

This type includes:

- operation of facilities for outdoor or indoor sporting events (open, closed or covered, with or without spectator seating)

- organisation and operation of outdoor or indoor sporting events for professionals or amateurs by organisations in their own facilities (not by sports clubs)

This type also includes:

- managing and providing the staff to operate these facilities
- provision of equipment to operate these facilities
- operation of sports areas, which may include the operation of cableways, ski lifts and chairlifts
- management o

This type excludes:

- transport by cableways, ski lifts and chairlifts, which may include the preparation of ski slopes, see 493400
- rental of recreation and sports equipment, see 772100
- organisation and operation of outdoor or indoor sporting events for professionals or amateurs by sports clubs, see 931200
- activities of fitness facilities, see 931300
- organisation and operation of outdoor or indoor sporting events for professionals or amateurs by organisations (not by sports clubs) without own facilities, see 931900
- park and beach activities, see 932900

9312      Activities of sports clubs

931200      Activities of sports clubs

This type includes the activities of sports clubs, which, whether professional, semi-professional or amateur clubs, give their members the opportunity to engage in sporting activities.

Sports clubs are typically non-profit entities, but inclusion in the sports sector is legitimised by the prevailing purpose of the activity carried out (in other words, the promotion of practicing sports). The activities of education, training, the sale of advertising space and the provision of clubhouse services are, in this context, ancillary activities, which may have a prevailing weight at an economic level, but which are instrumental with respect to the prevailing purpose of the activity carried out and for its perpetuation.

This type includes:

- operation of sports clubs, e.g.:
  - football clubs
  - bowling clubs
  - swimming clubs
  - golf clubs
  - boxing clubs
  - winter sports clubs
  - chess clubs
  - track and field clubs
  - shooting clubs
  - e-sports clubs
  - card game clubs (e.g. bridge clubs)

This type also includes:

- organisation and operation of outdoor or indoor sporting events for professionals or amateurs by sports clubs
- provision of clubhouse services by sports clubs

- sports training within sports clubs

This type excludes:

- sports instruction by individual teachers, trainers, see 8551
- operation of sports facilities, see 931100
- activities of individual own account sportspersons and athletes, referees, judges, timekeepers, etc., see 931900
- activities of individual own account participants of e-sports, see 931900
- activities of sports federations, see 931900

9313 Activities of fitness centres

931300 Activities of fitness centres

This type includes:

- activities of fitness clubs
- activities of yoga studios
- activities of pilates studios
- activities of tai chi studios

This type also includes:

- instruction provided by fitness clubs, yoga studios and similar facilities

This type excludes:

- sports instruction by individual teachers/trainers, see 8551

9319 Sports activities n.e.c.

931900 Sports activities n.e.c.

This type includes:

- activities of producers of sporting events, with or without facilities
- activities of individual own account sportspersons and athletes, referees, judges, timekeepers, etc.
- activities of individual own account participants of e-sports
- activities of sports federations, sports leagues and sports governing bodies
- activities related to promotion of sporting events
- activities of racing stables, kennels and garages
- operation of sport fishing and hunting preserves
- activities of mountain guides
- support activities for sport or recreational hunting and fishing
- operation of vertical, aerodynamic wind tunnels
- activities related to training animals for sports or entertainment
- organisation and operation of outdoor or indoor sporting events for professionals or amateurs by organisations (not by sports clubs) without own facilities

This type excludes:

- broadcasting of live performances and events, see 602000
- rental of sports equipment, see 772100
- organisation of conferences, conventions and trade shows, see 823000
- sports instruction in camps or schools, see 8551
- activities of sports instructors, teachers, coaches, see 855102
- card game instruction, see 855102

- technical planning, supply, setting up and operation of audiovisual equipment and special effects associated with the organisation of artistic events, see 903900
- provision of personnel and equipment as part of the organisation and operation of a sports event (not by sports clubs) with own facilities, see 931100
- operation of e-sports clubs, see 931200
- organisation and operation of outdoor or indoor sports events for professionals or amateurs by sports clubs, see 931200
- technical planning, supply, setting up and operation of audiovisual equipment and special effects associated with the organisation of non-artistic events, see 932900
- park and beach activities, see 932900

**932** Amusement and recreation activities  
 This group includes a wide range of units that operate facilities or provide services to meet the varied recreational interests of their patrons. It includes the operation of a variety of attractions (for example, mechanical rides, water rides, games, shows, theme exhibits and picnic grounds).  
 This group excludes:

- dramatic arts, music and other arts, see division 90
- sports activities, see 931
- activities related to the infrastructure and facilities for sports (e.g. swimming pools, playgrounds), see 931100

**9321** Activities of amusement parks and theme parks

**932100** Activities of amusement parks and theme parks  
 This type includes the activities of amusement parks and theme parks characterised by a permanent and site-based operation of a variety of attractions (for example, mechanical rides, carousels, games, shooting galleries, shows, theme exhibits, picnic grounds) that are provided under the economic and operational directive of a central operator. These parks are typically located in structurally delimited areas, for which customers must pay admission.  
 This type also includes:

- activities of aqua/water parks

This type excludes:

- operation of gambling or lottery games, see 920000
- operation of mechanical rides, games and shows by independent providers (e.g. at fairgrounds, festivals, Christmas markets), see 932900

**9329** Amusement and recreation activities n.e.c.

**932900** Amusement and recreation activities n.e.c.  
 This type includes activities related to entertainment and recreation (except amusement parks and theme parks) not elsewhere classified:

- operation (exploitation) of coin-operated games
- rental of leisure and pleasure equipment as an integral part of recreational facilities

- operation of mechanical rides, games and shows by independent providers (e.g. at fairgrounds, festivals, Christmas markets)
- activities of beaches, including rental of facilities (e.g. bathhouses, beach chairs and umbrellas)
- activities of independent animators in amusement and recreation facilities
- operation of dance floors and ballrooms where beverage serving is not the main activity
- operation of computer rooms for playing computer games
- operation of self-service amusement devices (e.g. rocking chairs/horses/cars/spaceships)
- operation of airsoft and paintball courts
- operation of virtual reality or geolocated games/experiences
- amusement and recreation activities related to the infrastructure of marinas
- operation of billiard halls
- operation of escape rooms
- operation of bowling alleys
- creation and presentation of light and sound shows
- activities of guides for underwater excursions
- creation and presentation of fireworks displays
- operation of picnic grounds
- operation of laser games
- entertainment activities in retirement homes

This type also includes:

- activities of producers or entrepreneurs of live amusement and recreation events, with or without facilities
- technical planning, supply, setting up and operation of audiovisual equipment and special effects associated with t

This type excludes:

- transport by cableways, ski lifts and chairlifts, which may include the preparation of ski slopes, see 493400
- fishing trips, see 501000, 503000
- provision of space and facilities for short-stay visitors in recreational parks, forests and camping grounds, see 553000
- recreational camps, hunting and fishing camps, campsites and camping grounds, see 553000
- mobile food service activities, see 561200
- activities of security personnel for events, concerts, fairs and exhibitions, see 800100
- organisation of conferences, conventions and trade shows, see 823000
- provision of services for events, fairs and exhibitions that are part of public order and safety activities, see 842400
- theatrical and circus groups, see 902001
- operation of arts facilities (e.g. concert halls, theatre halls, music venues, music clubs and similar facilities for live performances), see 903100
- technical planning, supply, setting up and operation of audiovisual equipment and special effects associated with the organisation of artistic events, see 903900
- operation of gambling or lottery games, see 920000
- operation of sports facilities (e.g. swimming pools, skating rings), see 931100

- activities of water sports clubs (canoeing, rowing, sailing, etc.), see 931200
- activities of amusement parks and theme parks, see 932100

T OTHER SERVICE ACTIVITIES  
This section (as a residual category) includes the activities of membership organisations, the repair of computers, personal and household goods, motor vehicles and motorcycles, and a variety of personal service activities not covered elsewhere in the classification.

94 Activities of membership organisations  
This division includes activities of organisations representing interests of special groups or promoting ideas to the general public. These organisations 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 organisations serve, namely interests of employers, self-employed individuals and professional groups (group 941), interests of employees (group 942) or the promotion of religious, political, cultural, educational or recreational ideas and activities (group 949).

941 Activities of business, employers and professional membership organisations  
This group includes the activities of promoting the interests of the members of business and employer organisations.  
In the case of professional membership organisations, it also includes the activities of promoting the professional interests of members of the profession.

9411 Activities of business and employers membership organisations

941100 Activities of business and employers membership organisations  
This type includes:  
- activities of organisations 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 organisations  
- dissemination of information, representation before government agencies, public relations and labour negotiations of business and employer organisations  
This type excludes:  
- activities of professional membership organisations, see 941200  
- activities of trade unions, see 942000  
- activities of other membership organisations n.e.c., see 9499  
- activities of international organisations of an administrative nature, see 990002

9412 Activities of professional membership organisations

941200 Activities of professional membership organisations  
This type includes:

- activities of organisations whose members' interests centre chiefly on a particular scholarly discipline or professional practice or technical field (e.g. medical associations, legal associations, accounting associations, engineering associations, architects' associations)
- activities of associations of specialists engaged in scientific, academic or cultural activities (e.g. associations of writers, painters, performers of various kinds, journalists)
- dissemination of information, the establishment and supervision of standards of practice, representation before government agencies, public relations of professional organisations

This type also includes:

- activities of learned societies

This type excludes:

- education provided by professional membership organisations, see division 85
- activities of business and employers' membership organisations, see 941100
- activities of trade unions, see 942000
- activities of other membership organisations n.e.c., see 9499

942           Activities of trade unions

9420          Activities of trade unions

**942000      Activities of trade unions**

This type includes:

- promoting the interests of organised labour and union employees

This type also 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 organisation

This type excludes:

- education provided by trade unions, see division 85
- activities of professional membership organisations, see 941200

949           Activities of other membership organisations

This group includes the activities of units (except business and employers' membership organisations, professional membership organisations and trade unions) that promote the interests of their members.

9491          Activities of religious organisations

**949101      Parishes and religious organisations**

This type includes:

- activities of parishes
- activities of religious organisations or individuals providing services directly to worshippers in churches, mosques, temples, synagogues or other places

This type also includes:

- religious funeral service activities

This type excludes:

- education provided by religious organisations, see division 85
- health activities by religious organisations, see division 86
- social work activities by religious organisations, see divisions 87, 88

**949102 Other activities of religious organisations**

This type includes:

- religious retreat activities
- activities of organisations furnishing monastery and convent services

This type excludes:

- education provided by religious organisations, see division 85

**9492 Activities of political organisations**

**949200 Activities of political organisations**

This type includes:

- activities of political organisations and auxiliary organisations (e.g. young people's auxiliaries associated with a political party). These organisations 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, fundraising, etc.

**9499 Activities of other membership organisations n.e.c.**

**949901 Cultural, education, scientific and research organisations**

This type includes:

- activities of organisations (not directly affiliated to a political party) furthering a public cause or issue by means of public education, political influence, fundraising, etc.:
  - organisations supporting community and educational facilities n.e.c.
  - organisations for the protection and betterment of special groups, e.g. ethnic and minority groups
- activities of associations for the pursuit of cultural or recreational activities or a hobby, other than sports or games (e.g. poetry, literature and book clubs, historical clubs, gardening clubs, film and photographic clubs, music and art clubs, craft and collectors' clubs, social clubs, carnival clubs)

This type also includes:

- grant-giving activities by membership organisations or others

This type excludes:

- activities of sports clubs, see 931200
- activities of sports federations, see 931900
- activities of professional membership organisations, see 941200
- activities of international organisations under international treaties between states, see 990002

**949902 Healthcare organisations**

This type includes:

- activities of associations intended to promote health

This type excludes:

- charitable activities like fund-raising aimed at social work, see 889901

**949903 Youth organisations**

This type includes:

- activities of associations of youth (e.g. scouts associations, young persons' associations, student associations, clubs, fraternities)

**949909 Other interest groups n.e.c.**

This type includes:

- activities of organisations (not directly affiliated to a political party)

furthering a public cause or issue by means of public education, political influence, fundraising, etc.:

- citizens initiative or protest movements
- environmental and ecological movements
- associations for the protection of animals
- associations for patriotic purposes, including war veterans' associations
- consumer associations

- activities of automobile associations (other than sports)

- activities of local citizens' groups (bourgeoisies communales/ Ortsbürgergemeinden)

- activities of associations for the purpose of social acquaintanceship (e.g. rotary clubs, lodges)

This type also includes:

- activities of philanthropic intermediaries and activities to promote volunteerism

- international cooperation and solidarity activities

- service activities to promote hunting and trapping

This type excludes:

- activities of professional membership organisations, see 941200

- charitable activities like fundraising aimed at social work, see 889901

**95 Repair and maintenance of computers, personal and household goods, and motor vehicles and motorcycles**

This division includes the repair and maintenance of computers and computer peripheral equipment, communication equipment, consumer electronics, garden equipment, footwear and leather goods, furniture and home furnishings, clothing, sports goods, musical instruments and other personal and household goods, as well as the repair and maintenance of motor vehicles and motorcycles.

This division excludes specialised maintenance and repair of industrial, commercial and similar machinery and equipment not used by households, see division 33.

**951 Repair and maintenance of computers and communication equipment**

**9510 Repair and maintenance of computers and communication equipment**

**951000 Repair and maintenance of computers and communication equipment**

This type includes the repair and maintenance of electronic equipment (for example, computers and computing machinery, peripheral and communication equipment).

This type includes the repair and maintenance of:

- desktop computers
- laptop computers
- magnetic disc drives and flash drives
- optical disc drives
- renovation of discs
- printers
- monitors
- keyboards
- webcams
- headsets, including in-ear wireless headsets
- mice, joysticks and trackball accessories
- internal and external computer modems
- dedicated computer terminals
- computer servers
- scanners, including barcode scanners
- smart card readers
- virtual reality helmets/headsets
- computer projectors
- cordless telephones
- smart telephones and tablets
- telecommunication carrier equipment
- communication transmission equipment (e.g. routers, bridges, modems)
- two-way radios
- commercial television and video cameras

This type also includes:

- repair and maintenance of computer terminals like automatic teller machines (ATMs) and point-of-sale (POS) terminals, not mechanically operated
- repair and maintenance of handheld computers (personal digital assistants (PDAs))

This type excludes:

- refilling of ink and toner cartridges by retail sellers, see 474000
- repair and maintenance of consumer electronics, see 952100

952 Repair and maintenance of personal and household goods  
This group includes the repair and maintenance of personal and household goods.

9521 Repair and maintenance of consumer electronics

952100 Repair and maintenance of consumer electronics

This type includes the repair and maintenance of consumer electronics:

- repair of consumer electronics:
  - television, radio receivers
  - audio and video players
  - household-type video cameras and photographic equipment
  - video game devices

9522 Repair and maintenance of household appliances and home and garden equipment

952200 Repair and maintenance of household appliances and home and garden equipment

This type includes the repair and servicing of household appliances and home and garden equipment:

- repair and servicing of household appliances:
  - refrigerators, stoves, washing machines, clothes/tumble dryers, room air conditioners, etc.
- repair and servicing of home and garden equipment:
  - lawnmowers, edgers, snowblowers, leaf blowers, trimmers, etc.

This type excludes:

- repair of handheld power tools and commercial refrigeration, see 331200
- repair of central air-conditioning systems, see 432202

9523 Repair and maintenance of footwear and leather goods

952300 Repair and maintenance of footwear and leather goods

This type includes the repair and maintenance of footwear and leather goods:

- repair of boots, shoes, luggage, etc.
- fitting of heels

This type excludes:

- activities of shoeshiners, see 969900

9524 Repair and maintenance of furniture and home furnishings

952400 Repair and maintenance of furniture and home furnishings

This type includes:

- reupholstering, refinishing and repairing of furniture and home furnishings, including office furniture
- assembly of self-standing furniture

9525 Repair and maintenance of watches, clocks and jewellery

952500 Repair and maintenance of watches, clocks and jewellery

This type includes:

- repair of watches, clocks and their parts (e.g. watch cases and housings of any material)
- repair of jewellery

This type excludes:

- repair of time clocks, time/date stamps, time locks and similar time-recording devices, see 331300

9529 Repair and maintenance of personal and household goods n.e.c.

**952900**    **Repair and maintenance of personal and household goods n.e.c.**  
This type includes the repair and maintenance of personal and household goods:  
- repair and maintenance of bicycles, electric bicycles, monowheels, hoverboards, kickscooters  
- repair and alteration of clothing  
- repair of sports goods (except sporting guns) and camping equipment  
- repair of books  
- repair of non-historical musical instruments  
- repair of toys and similar articles  
- repair of other personal and household goods  
- piano tuning  
- knife sharpening  
- key cutting activities  
This type also includes:  
- 'while-you-wait' engraving  
This type excludes:  
- industrial engraving of metals, see 255302  
- repair of sporting and recreational guns, 331100  
- repair of handheld power tools, see 331200  
- locksmith activities, see 800909

953        **Repair and maintenance of motor vehicles and motorcycles**  
This group includes repair and maintenance of motor vehicles and motorcycles.

9531       **Repair and maintenance of motor vehicles**

**953101**    **Mechanical repair and maintenance of motor vehicles**  
This type includes:  
- repair and maintenance of motor vehicles, including trailers and semi-trailers, e.g.:  
  • mechanical repairs  
  • electrical repairs  
  • electronic injection systems repair  
  • ordinary servicing  
  • repair of motor vehicle parts  
  • repair of motor vehicle seats  
  • mechatronics system repair and diagnostics services  
  • washing, polishing, etc.  
  • anti-rust treatment  
  • repair of screens and windows  
- repair, fitting or replacement service activities for tubes and tyres  
- installation of parts and accessories not as part of the manufacturing process  
- repair and maintenance of non-military amphibious vehicles  
This type also includes:  
- repair and maintenance of caravan and motorhome housing cells  
This type excludes:  
- retreading and rebuilding of tyres, see 221100

- fitting out services for caravans and motorhomes, see 292000
- repair of forklifts and agricultural tractors, see 331200

**953102 Bodywork repair and painting of motor vehicles**

This type includes:

- bodywork repair
- spraying and painting

9532 Repair and maintenance of motorcycles

**953200 Repair and maintenance of motorcycles**

This type includes:

- repair and maintenance of motorcycles
- motorcycle and motorcycle parts spraying and painting activities
- bodywork repair on motorcycles
- washing, polishing, etc., of motorcycles

This type excludes:

- repair and maintenance of bicycles and electric bicycles, see 952900

954 Intermediation service activities for repair and maintenance of computers, personal and household goods, and motor vehicles and motorcycles

9540 Intermediation service activities for repair and maintenance of computers, personal and household goods, and motor vehicles and motorcycles

**954000 Intermediation service activities for repair and maintenance of computers, personal and household goods, and motor vehicles and motorcycles**

This type includes intermediation for the repair and maintenance of computers, personal and household goods, motor vehicles and motorcycles by bringing clients and service providers together for a fee or commission, without the intermediary providing the services intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the repair and maintenance service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

96 Personal service activities

This division includes all personal service activities not mentioned elsewhere in the classification. Notably it includes types of services, such as washing and (dry-)cleaning of textiles and fur products, hairdressing, beauty treatment, day spa and similar activities, funeral and related activities.

961 Washing and cleaning of textile and fur products

9610 Washing and cleaning of textile and fur products

<b>961000</b>	<b>Washing and cleaning of textile and fur products</b> This type 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 - carpet and rug shampooing, drapery and curtain cleaning, whether on clients' premises or not - provision of combined rental and care services, including washing and cleaning of textiles (e.g. linen, work uniforms and related items) - reusable diaper supply services This type excludes: - repair and alteration of clothing, see 952900
962	Hairdressing, beauty treatment, day spa and similar activities
9621	Hairdressing and barber activities
<b>962100</b>	<b>Hairdressing and barber activities</b> This type includes: - hair washing, trimming and cutting, setting, dyeing, tinting, waving, straightening and similar activities - hairstyling - shaving and beard trimming This type excludes: - manufacture of wigs, see 329900
9622	Beauty care and other beauty treatment activities
<b>962200</b>	<b>Beauty care and other beauty treatment activities</b> This type includes beauty treatment activities not performed by medical specialists (for example, by cosmetologists), such as facial massage, manicure, pedicure, permanent make-up, depilation and tanning. This type excludes: - cosmetic surgery activities performed by medical specialists, see 862200
9623	Day spa, sauna and steam bath activities
<b>962300</b>	<b>Day spa, sauna and steam bath activities</b> This type includes: - activities of Turkish baths, sauna and steam baths, day spas, solariums, weight loss and slendering salons, etc. - activities of massage salons for non-medical massage This type excludes: - physical well-being services as part of accommodation activities, see division 55

- activities of medical massage therapists, see 869503
- activities of practitioners in the field of shiatsu, Thai massage, Watsu, tui na qigong, see 869909
- activities of health, fitness and body-building clubs and facilities, see 931300

963 Funeral and related activities

9630 Funeral and related activities

**963000 Funeral and related activities**

This type includes:

- burial and incineration of human or animal corpses and related activities:
  - preparing the dead for burial or cremation; 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
- transport of human remains

This type excludes:

- cemetery gardening, see 813000
- religious funeral service activities, see 949101

964 Intermediation service activities for personal services

9640 Intermediation service activities for personal services

**964000 Intermediation service activities for personal services**

This type includes intermediation for personal services by bringing clients and service providers together for a fee or commission, without the intermediary providing the services intermediated. These intermediation activities can be carried out on digital platforms or through non-digital channels (including face-to-face, door-to-door, telephone, mail, and so on). The fee or commission can be received from either the client or the provider of the personal service. Revenue for the intermediation activities can include other sources of income (for example, revenues from the sale of advertising space).

969 Other personal service activities

9691 Provision of domestic personal service activities

**969100 Provision of domestic personal service activities**

This type includes the provision of a range of domestic personal service activities like cooking, washing, cleaning and ironing services, at home for

households. When only one activity is performed it is classified according to this activity.

This type excludes:

- cleaning of buildings, see 812100
- home-care services for older persons, including live-in care services, see 881000
- day-care activities for children provided in private homes or day-care centres, see 889100
- after-school care services, see 889100

9699 Other personal service activities n.e.c.

969900 Other personal service activities n.e.c.

These activities are predominantly provided to individuals.

This type includes:

- astrological and spiritualists' activities
- social activities (e.g. escort services, dating services, services of a marriage bureau)
- provision or arrangement of sexual services, organisation of prostitution events or operation of prostitution establishments
- pet care services (e.g. boarding, grooming or training pets)
- operation of shelters for abandoned pets
- genealogical activities
- activities of tattooing and piercing studios
- activities of shoe-shiners, porters, car parkers, etc.
- concession operation of coin-operated personal services machines (e.g. photo booths, weighing machines or lockers)
- operation of photo automats for printing photographs from electronic records (e.g. from telephone, memory cards, flash drives)
- dating and other speed networking activities
- tattoo artist activities, using biological substances (e.g. henna) for temporary decoration
- horse whispering activities
- housesitting activities
- wedding planners' activities

This type excludes:

- veterinary activities, see 750000
- home cleaning activities, see 812100
- yoga or pilates instruction, see 855102
- provision of alternative therapeutic services (e.g. homeopathy, chiropractic treatment, osteopathy, crystal therapy, iridology, kinesiology and radionics), see 869602
- activities of practitioners in the field of shiatsu, Thai massage, Watsu, tui na qigong, see 869909
- homecare services for older persons, including live-in care services, see 881000
- day-care activities for children provided in private homes or day-care centres, see 889100
- after-school care services, see 889100
- operation of coin-operated gambling machines, see 920000
- operation of coin-operated washing machines, see 961000

OTHER SERVICE ACTIVITIES

- U            ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS AND UNDIFFERENTIATED GOODS - AND SERVICE-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE
- 97            Activities of households as employers of domestic personnel  
This division only includes activities of private households as employers of domestic personnel.  
The output of these activities is considered production in the European system of accounts (ESA), and for this purpose and for certain surveys this division has been included in NOGA 2025. The same activities when carried out by independent service providers (as opposed to domestic staff employed and paid by the household) are not classified here (for example, babysitting activities (type 889100), washing of textiles (type 961000) and valet activities (type 969900).
- 970            Activities of households as employers of domestic personnel
- 9700            Activities of households as employers of domestic personnel
- 970000            Activities of households as employers of domestic personnel  
This type includes households' employment of domestic personnel (for example, cooks, cleaners, gardeners, chauffeurs, caretakers, babysitters, personal assistants).  
This allows the employed domestic personnel to state the activity of their employer in censuses or studies, even though the employer is an individual. The product produced by this activity is consumed by the employing household.  
This type excludes:  
- provision of personal and household services (e.g. cleaning, ironing, cooking, gardening, homecare services for dependents) by service providers (for-profit, not-for-profit, public organisations or self-employed), see the appropriate NOGA type according to the service provided
- 98            Undifferentiated goods- and service-producing activities of private households for own use  
This division includes the undifferentiated subsistence goods-producing and services-producing activities of households.  
  
Households should be classified here only if it is impossible to identify a primary activity for the subsistence activities of the household. If the household engages in market activities, it should be classified according to the primary market activity carried out.
- 981            Undifferentiated goods-producing activities of private households for own use

9810 Undifferentiated goods-producing activities of private households for own use

981000 Undifferentiated goods-producing activities of private households for own use

This type includes the undifferentiated subsistence goods-producing activities of households, in other words, 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, and the production of shelter, clothing and other goods by the household for its own subsistence.

If households are also engaged in the production of marketed goods, they are classified to the appropriate goods-producing industry of NOGA. If they are principally engaged in a specific goods-producing subsistence activity, they are classified to the appropriate goods-producing industry of NOGA.

982 Undifferentiated service-producing activities of private households for own use

9820 Undifferentiated service-producing activities of private households for own use

982000 Undifferentiated service-producing activities of private households for own use

This type includes the undifferentiated subsistence service-producing activities of households. These activities include cooking, teaching, caring for household members and other services produced by the household for its own subsistence.

If households are also engaged in the production of multiple goods for subsistence purposes, they are classified to the undifferentiated subsistence goods-producing activities of households.

V ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES

99 Activities of extraterritorial organisations and bodies

990 Activities of extraterritorial organisations and bodies

9900 Activities of extraterritorial organisations and bodies

This class includes:

- activities of international organisations under international treaties between states, e.g.:

- the United Nations (UN) and the specialised agencies of the United Nations system, regional bodies
- the International Monetary Fund (IMF), the World Bank
- the World Customs Organization (WCO), the Organisation for Economic Co-operation and Development (OECD)
- the Organization of the Petroleum Exporting Countries (OPEC), the European Free Trade Association (EFTA)

- activities of institutions and bodies of the European Union (EU)

This class also includes:

- activities of general government agencies of other countries (e.g. embassies, consulates, military bases, scientific bases)

990001 Embassies and consulates

This type includes:

- activities of embassies, embassies' consular sections and permanent missions throughout the country
- activities of consulates or vice-consulates throughout the country

990002 International organisations

This type includes:

- activities of international organisations under international treaties between states, e.g.:

- the United Nations Organisation (UN)
- the International Labour Organization (ILO)
- the World Health Organisation (WHO)
- the International Telecommunication Union (ITU)
- the World Meteorological Organization (WMO)
- the World Intellectual Property Organization (WIPO)
- the International Bureau of Education (IBE)
- the World Trade Organisation (WTO)
- the European Organization for Nuclear Research (CERN)
- the European Free Trade Association (EFTA)
- the International Organisation for Migration (IOM)
- the Inter-Parliamentary Union (IPU)
- the International Civil Defence Organisation (OIPC)
- the International Union for the Protection of New Varieties of Plants (UPOV)
- the International Textiles and Clothing Bureau (ITCB)
- the Universal Postal Union (UPU)

ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES

- the Intergovernmental Organisation for International Carriage by Rail (OTIF)
- the Bank for International Settlements (BIS)

This type excludes:

- activities of non-governmental organisations (NGOs), see 9499, 889901

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- 13 Social security
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