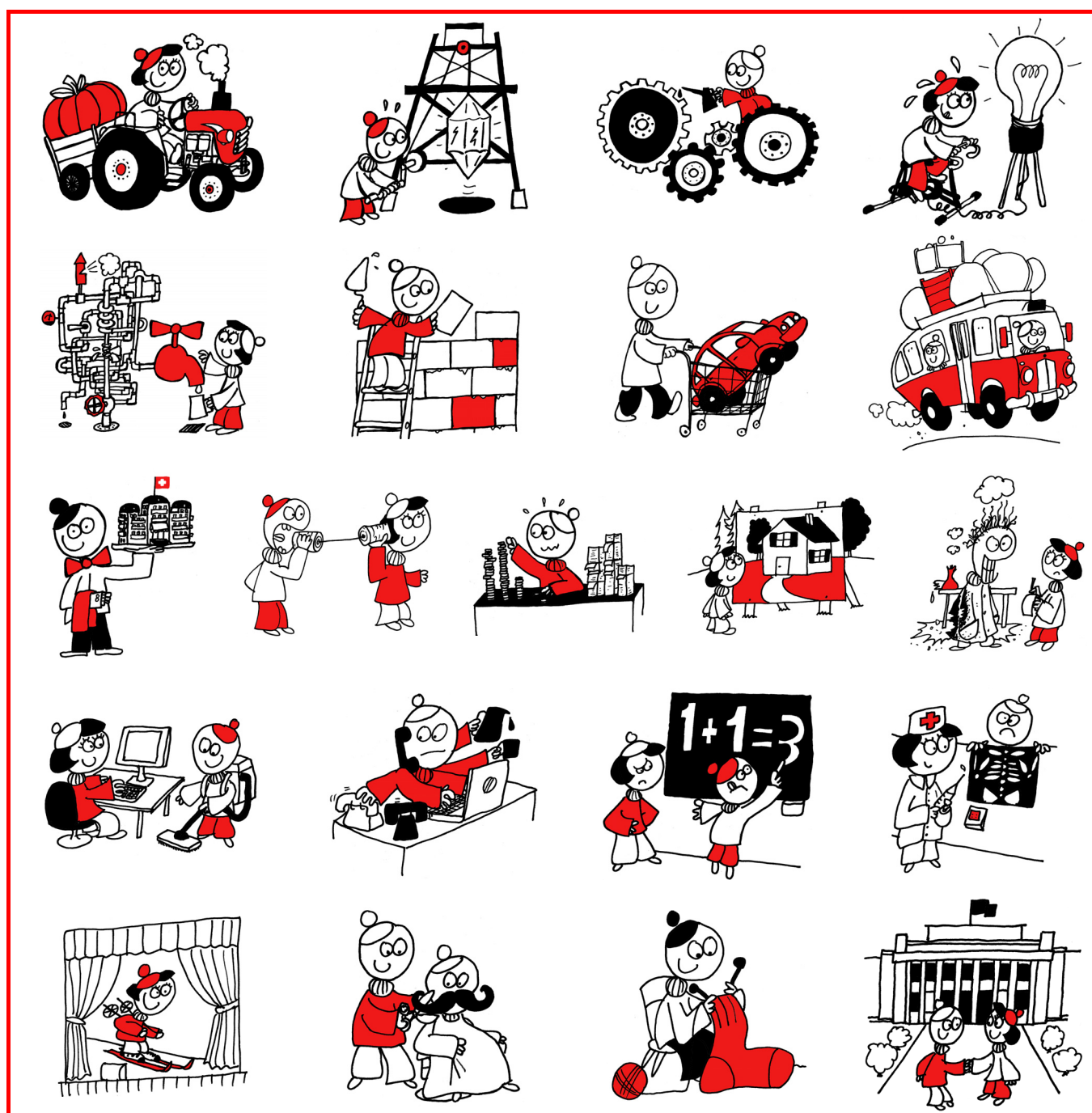


# NOGA 2008

## General Classification of Economic Activities

### Explanatory notes



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Confederation

Federal Department of Home Affairs FDHA  
Federal Statistical Office FSO

Neuchâtel, 2008

The «Swiss Statistics» series published by the Swiss Federal Statistical Office (SFSO) covers the following fields:

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**Published by** Swiss Federal Statistical Office

**Published by:** Swiss Federal Statistical Office (SFSO)  
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Sandrine Maor-Matthey tél. ++41 32 713 65 23 E-Mail: sandrine.maor-matthey@bfs.admin.ch  
**Realisation:** Section Business Register  
**Obtainable from:** Swiss Federal Statistical Office  
CH 2010 Neuchâtel  
Phone ++41 32 713 60 60 / Fax ++41 32 713 60 61 / E-Mail: order@bfs.admin.ch  
**Order number:** 240-0802-05  
**Price:** free  
**Series:** Swiss Statistics  
**Field:** 0 Basic statistical data and overviews  
**Original text:** English, German and French  
**Translation:** EUROSTAT Translation Service / SFSO Translation Service  
**Titelgrafik:** Julien Cachemaille  
**Graphics/Layout:** BFS  
**Copyright:** SFSO, Neuchâtel 2008  
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(except for commercial purposes)  
**ISBN:** 978-3-303-00364-0

## A

# AGRICULTURE, FORESTRY AND FISHING



This section includes the exploitation of vegetal and animal natural resources, comprising the activities of growing crops, raising and breeding of animals, harvesting of timber other plants, animals or animal products from a farm or their natural habitats.

## 01

### CROP AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES

This division includes two basic activities, namely the production of crop products and production of animal products, covering also the forms of organic agriculture, the growing of genetically modified crops and the raising of genetically modified animals. This division includes growing of crops in open fields as well in greenhouses.

This division also includes service activities incidental to agriculture, as well as hunting, trapping and related activities.

Group 015 (Mixed farming) breaks with the usual principles for identifying main activity. It accepts that many agricultural holdings have reasonably balanced crop and animal production, and that it would be arbitrary to classify them in one category or the other.

Agricultural activities exclude any subsequent processing of the agricultural products (classified under divisions 10 and 11 (Manufacture of food products and beverages) and division 12 (Manufacture of tobacco products)), beyond that needed to prepare them for the primary markets. The preparation of products for the primary markets is included here.

The division excludes field construction (e.g. agricultural land terracing, drainage, preparing rice paddies, etc.) classified in section F (Construction) and buyers and cooperative associations engaged in the marketing of farm products classified in section G. Also excluded is the landscape care and maintenance, which is classified in class 8130.

## 011

### Growing of non-perennial crops

This group includes the growing of non-perennial crops, i.e. plants that do not last for more than two growing seasons. Included is the growing of these plants for the purpose of seed production.

## 0111

### Growing of cereals (except rice), leguminous crops and oil seeds

## 011100

### Growing of cereals (except rice), leguminous crops and oil seeds

This type includes all forms of growing of cereals, leguminous crops and oil seeds in open fields. The growing of these crops is often combined within agricultural units.

This type includes:

- growing of cereals such as:

- wheat
- grain maize
- sorghum
- barley
- rye
- oats
- millet
- other cereals n.e.c.

- growing of leguminous crops such as:

- beans
- broad beans
- chick peas
- cow peas
- lentils
- lupines
- peas
- pigeon peas
- other leguminous crops

- growing of oil seeds such as:

- soya beans
- groundnuts

- cottonseed
- castor bean
- linseed
- mustard seed
- niger seed
- rapeseed
- safflower seed
- sesame seed
- sunflower seed
- other oil seeds

This type excludes:

- growing of rice (see 011200)
- growing of sweet corn (see 011300)
- growing of maize 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 such as:
  - artichokes
  - asparagus
  - cabbages
  - cauliflower and broccoli
  - lettuce and chicory
  - spinach
  - other leafy or stem vegetables
- growing of fruit bearing vegetables such as:
  - cucumbers and gherkins
  - eggplants (aubergines)
  - tomatoes
  - watermelons
  - cantaloupes
  - other melons and fruit-bearing vegetables
- growing of root, bulb or tuberous vegetables such as:
  - carrots
  - turnips
  - garlic
  - onions (incl. shallots)
  - leeks and other alliaceous vegetables
  - other root, bulb or tuberous vegetables
- growing of mushrooms and truffles
- growing of vegetable seeds, including sugar beet seeds, excluding other beet seeds
- growing of sugar beet
- growing of other vegetables
- growing of roots and tubers such as:
  - potatoes
  - sweet potatoes
  - cassava
  - yams
  - other roots and tubers

This type also includes:

- growing of sweet corn

This type excludes:

- growing of chillies, peppers (capsicum spp.) and other spices and aromatic crops (see 012800)
- growing of mushroom spawn (see 013000)

0114 Growing of sugar cane

011400 Growing of sugar cane

This type includes:

- 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 tobacco

This type excludes:

- manufacture of tobacco products (see 120000)

0116 Growing of fibre crops

011600 Growing of fibre crops

This type includes:

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

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:

- growing of swedes, mangolds, fodder roots, clover, alfalfa, sainfoin, fodder maize and other grasses, forage kale and similar forage products
- growing of buckwheat
- growing of potted and bedding plants
- growing of beet seeds (excluding sugar beet seeds) and seeds of forage plants
- production of cut flowers
- growing of flower seeds

This type excludes:

- growing of non-perennial spices, 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. The growing of these plants for the purpose of seed production is also included.

0121 Growing of grapes

012101 Growing of grapes

This type includes:

- growing of wine grapes and table grapes in vineyards

This type excludes:

- manufacture of wine (see 110200)
- grape growing combined with wine production (see 012102)

## 012102 Viticulture – Vinification and cellaring

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
- low-alcohol and alcohol-free wine production

## 0122 Growing of tropical and subtropical fruits

### 012200 Growing of tropical and subtropical fruits

This type includes:

- growing of tropical and subtropical fruits:
  - avocados
  - bananas and plantains
  - dates
  - figs
  - mangoes
  - papayas
  - pineapples
  - other tropical and subtropical fruits

## 0123 Growing of citrus fruits

### 012300 Growing of citrus fruits

This type includes:

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

## 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:
  - apples
  - apricots
  - cherries and sour cherries
  - peaches and nectarines
  - pears and quinces
  - plums and sloes
  - other pome fruits and stone fruits

## 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:
  - blueberries
  - currants
  - gooseberries



- kiwi fruit
- raspberries
- strawberries
- other berries
- growing of fruit seeds
- growing of edible nuts:
  - almonds
  - cashew nuts
  - chestnuts
  - hazelnuts
  - pistachios
  - walnuts
  - other nuts
- growing of other tree and bush fruits:
  - 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:
  - coconuts
  - olives
  - oil palms
  - other oleaginous fruits

This type excludes:

- growing of soya beans, groundnuts and other oil seeds (see 011100)

## 0127 Growing of beverage crops

### 012700 Growing of beverage crops

This type includes:

- growing of beverage crops:
  - coffee
  - tea
  - maté
  - cocoa
  - other beverage crops

## 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.)
  - chillies and peppers (capsicum spp.)
  - nutmeg, mace and cardamoms
  - anise, badian and fennel
  - cinnamon (canella)
  - cloves
  - ginger
  - vanilla
  - hops
  - other spices and aromatic crops
- growing drug and narcotic crops

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, production of cut-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 pluriannual ornamental plants as well as fruit trees and shrubs with berries including cuttings, suckers and seedlings.

This type includes:

- generative and vegetative propagation of ornamental plants, fruit trees and shrubs with berries
- growing of ornamental trees and shrubs and hardy perennials
- growing of fruit trees and shrubs with berries
- growing of rootstocks for ornamental and useful plants
- growing of live plants for bulbs, tubers or roots
- growing of grass rolls and mycelium

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 raising (farming) 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
- production of raw milk from cows or buffaloes

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

This type also includes:

- raising and breeding of dairy cattle and of cattle for meat equally combined

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

This type excludes:

- operation of racing and riding stables (see 931900)

0144 Raising of camels and camelids

014400 Raising of camels and camelids

This type includes:

- raising and breeding of camels dromedaries, llamas, alpacas, etc.

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/pigs

014600 Raising of swine/pigs

This type includes:

- raising and breeding of swine (pigs)

0147 Raising of poultry

014700 Raising of poultry

This type includes:

- raising and breeding of poultry:
  - chickens, turkeys, ducks, geese and guinea fowls
- production of eggs from poultry
- operation of poultry hatcheries

This type excludes:

- production of feathers or down (see 101200)

0149 Raising of other animals

014900 Raising of other animals

This type includes:

- raising and breeding of semi-domesticated or other live animals:
  - ostriches and emus
  - other birds (except poultry)
  - insects
  - rabbits and other fur animals
- production of fur skins, reptile or bird skins from ranching operation
- operation of worm farms, land mollusc farms, snail farms, etc.
- raising of silk worms, production of silk worm cocoons

- bee-keeping and production of honey and beeswax
- raising and breeding of pet animals (except fish):
- cats and dogs
- birds, such as parakeets, etc.
- hamsters, etc.
- raising of diverse animals

This type excludes:

- production of hides and skins originating from hunting and trapping (see 017000)
- operation of frog farms, crocodile farms, marine worm farms (see 032100, 032200)
- operation of fish farms (see 032100, 032200)
- boarding and training of pet animals (see 960900)
- raising and breeding of poultry (see 014700)

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

This type excludes:

- mixed crop farming (see groups 011 and 012)
- mixed animal farming (see group 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), 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:

- agricultural 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 rabbits) in connection with agriculture
- maintenance of agricultural land in good agricultural and environmental condition
- operation of agricultural irrigation equipment

This type also includes:

- provision of agricultural machinery with operators and crew

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 749000)
- 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:

- agricultural activities on a fee or contract basis:
  - activities to promote 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 6820)
- veterinary activities (see 750000)
- vaccination of animals (see 750000)
- renting of animals (e.g. herds) (see 773900)
- service activities to promote commercial hunting and trapping (see 949904)
- pet boarding (see 960900)

0163 Post-harvest crop activities

016300 Post-harvest crop activities

This type includes:

- preparation of crops for primary markets, i.e. cleaning, trimming, grading, disinfecting
- cotton ginning
- preparation of tobacco leaves, e.g. drying
- preparation of cocoa beans, e.g. peeling
- waxing of fruit

This type excludes:

- preparation of agricultural products by the producer (see corresponding type in groups 011, 012 or 013)
- post-harvest activities aimed at improving the propagation quality of seed (see 016400)
- stemming and redrying of tobacco (see 120000)
- marketing activities of commission merchants and cooperative associations (see division 46)
- wholesale of agricultural raw materials (see 462)

0164 Seed processing for propagation

016400 Seed processing for propagation

This type includes all post-harvest activities aimed at improving the propagation quality of seed through the removal of non-seed materials, undersized, mechanically or insect-damaged and immature seeds as well as removing the seed moisture to a safe level for seed storage. This activity includes the drying, cleaning, grading and treating of seeds until they are marketed. The treatment of genetically modified seeds is included here.

This type excludes:

- growing of seeds (see groups 011 and 012)
- processing of seeds to obtain oil (see 104100)
- research to develop or modify new forms of seeds (see 721100)

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 animals (dead or alive) for food, fur, skin, or for use in research, in zoos or as pets
- production of fur skins, reptile or bird skins from hunting or trapping activities

This type also includes:

- land-based catching of sea mammals such as walrus and seal

This type excludes:

- production of fur skins, reptile or bird skins from ranching operations (see 014900)
- raising of game animals on ranching operations (see 014900)
- catching of whales (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 949904)

**02 FORESTRY AND LOGGING**

This division includes 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, such as firewood, charcoal and roundwood used in an unprocessed form (e.g. pit-props, pulpwood, etc.). These activities can be carried out in natural or planted forests.

Excluded is further processing of wood beginning with sawmilling and planning 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

These activities can be carried out in 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 (see 161001)

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 such as pit-props, fence posts and utility poles
- gathering and production of wood for energy
- gathering and production of forest harvested residues for energy
- production of charcoal in the forest (using traditional methods)

The output of this activity can take the form of logs or firewood.

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 (see 161001)
- 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:
  - mushrooms, truffles
  - berries
  - nuts
  - balata and other rubber-like gums
  - cork
  - lac and resins
  - balsams
  - vegetable hair
  - eelgrass
  - acorns, horse chestnuts
  - mosses and lichens

This type excludes:

- managed production 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)
- production of wood chips (see 161001)

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 protection
  - 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, covering the use of fishery resources from marine, brackish or freshwater environments, with the goal of capturing or gathering fish, crustaceans, molluscs and other marine organisms and products (e.g. aquatic plants, pearls, sponges etc.).

Also included are activities that are normally integrated in the process of production for one's own account (e.g. seeding oysters for pearl production). Service activities incidental to marine or freshwater fishery or aquaculture are included in the related fishing or aquaculture activities.

This division does not include building and repairing of ships and boats (301, 3315) or sport or recreational fishing activities (9319). Processing of fish, crustaceans or molluscs is excluded, whether at land-based plants or on factory ships (1020).

### 031 Fishing

This group includes "capture fishery", i.e. the hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms (predominantly fish, molluscs and crustaceans) including plants from oceanic, coastal or inland waters for human consumption and other purposes by hand or more usually by various types of fishing gear such as nets, lines and stationary traps. Such activities can be conducted on the intertidal shoreline (e.g. collection of molluscs such as mussels and oysters) shore-based netting, or from home-made dugouts or more commonly using commercially made boats in inshore, coastal waters or offshore waters. Such 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
- whale catching
- taking of marine aquatic animals: turtles, sea squirts, tunicates, sea urchins, etc.

This type also includes:

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

This type excludes:

- capturing of marine mammals, except whales, e.g. walruses, seals (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)
- renting of pleasure boats with crew for sea and coastal water transport (e.g. for fishing cruises) (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

This type excludes:

- processing of fish, crustaceans and molluscs (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), i.e. the production process involving the culturing or farming (including harvesting) of aquatic organisms (fish, molluscs, crustaceans, plants, crocodiles, alligators and 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).

Culturing/farming refers to the rearing up to their juvenile and/or adult phase under captive conditions of the above organisms. In addition, "aquaculture" also encompasses individual, corporate or state ownership of the individual organisms throughout the rearing or culture stage, up to and including harvesting.

## 0321 Marine aquaculture

### 032100 Marine aquaculture

This type includes:

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

This type also includes:

- aquaculture activities in brackish waters
- aquaculture activities in salt water filled tanks and reservoirs
- operation of fish hatcheries (marine)
- operation of marine worm farms

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

This type excludes:

- aquaculture activities in salt water filled tanks and reservoirs (see 032100)
- 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 such as underground or surface mining, well operation, seabed mining, etc.

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

Mining activities are classified into divisions, groups and classes on the basis of the principal mineral produced. Divisions 05, 06 are concerned with mining and quarrying of fossil fuels (coal, lignite, petroleum, gas); divisions 07, 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, which is reflected in division 09.

This section excludes:

- processing of the extracted materials (see section C - Manufacturing)
- usage of the extracted materials without a further transformation for construction purposes (see section F - Construction)
- bottling of natural spring and mineral waters at springs and wells (see 1107)
- crushing, grinding or otherwise treating certain earths, rocks and minerals not carried on in conjunction with mining and quarrying (see 239)

### 05 MINING OF COAL AND LIGNITE

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

This division does not include coking (see 1910), services incidental to coal or lignite mining (see 0990) or the manufacture of briquettes (see 1920).

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 (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, pulverizing, 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 (see 192000)
- work performed to develop or prepare properties for coal 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 includes the activities of operating and/or developing oil and gas field properties. Such activities may include drilling, completing and equipping wells; operating separators, emulsion breakers, desilting equipment and field gathering lines for crude petroleum; and all other activities in the preparation of oil and gas up to the point of shipment from the producing property.

This division excludes:

- oil and gas field services, performed on a fee or contract basis (see 0910)
- oil and gas well exploration (see 0910)
- test drilling and boring (see 0910)
- refining of petroleum products (see 1920)
- geophysical, geologic and seismic surveying (see 7112)

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: decantation, desalting, dehydration, stabilisation, etc.

This type excludes:

- support activities for oil and natural gas extraction (see 091000)
- oil and gas exploration (see 091000)
- 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

This type also includes:

- mining of hydrocarbon liquids, obtained through liquefaction or pyrolysis

This type excludes:

- support activities for oil and natural gas extraction (see 091000)
- oil and gas exploration (see 091000)
- 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, etc. Also included are ore dressing and beneficiating operations, such as crushing, grinding, washing, drying, sintering, calcining or leaching ore, gravity separation or flotation operations.

This division excludes:

- roasting of iron pyrites (see 2013)
- production of aluminium oxide (see 2442)
- operation of blast furnaces (see division 24)

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 and agglomeration 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, 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 or of nickel (see 244400 and 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 (e.g. sands, stones, etc.), manufacture of materials (e.g. clay, gypsum, calcium, etc.), manufacture of chemicals, etc.

This division does not include processing (except crushing, grinding, cutting, cleaning, drying, sorting and mixing) of the minerals extracted.

081 Quarrying of stone, sand and clay

0811 Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate

### **081100 Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate**

This type includes:

- quarrying, rough trimming and sawing of monumental and building stone such as marble, granite, sandstone, etc.
- 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

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 237000)

0812 Operation of gravel and sand pits; mining of clays and kaolin

### **081200 Operation of gravel and sand pits; mining of clays 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

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 or storage

This type excludes:

- service activities incidental to peat mining (see 099000)
- manufacturing of peat briquettes (see 192000)
- manufacture of potting soil mixtures of peat, natural soil, sands, clays, fertiliser minerals, etc. (see 201500)
- manufacture of articles of peat (see 239902)

## 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)
- drinkable 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 such as 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, overburdening removal services at mines, etc.

## 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, such as making geological observations at prospective sites
  - directional drilling and redrilling; "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 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 fire-fighting services

This type excludes:

- service activities performed by operators of oil or gas fields (see 061000, 062000)
- specialised repair of mining machinery (see 331200)
- liquefaction and regasification of natural gas for purpose of transport, done off the mine site (see 522100)
- geophysical, geologic and seismic surveying (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:

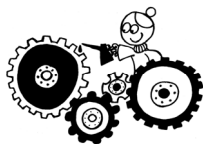
- support services on a fee or contract basis, required for mining activities of divisions 05, 07 and 08
- exploration services, e.g. traditional prospecting methods, such as taking core samples and making geological observations at prospective sites
- draining and pumping services, on a fee or contract basis
- test drilling and test hole boring

This type excludes:

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

## C

# MANUFACTURING



This section includes the physical or chemical 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 transformed are raw materials that are 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 utilisation 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; and 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, e.g. engines, pistons, electric motors, electrical assemblies, valves, gears, roller bearings, is classified in the appropriate class of manufacturing, without regard to the machinery and equipment in which these items may be included. However, making specialised components and accessories by moulding or extruding plastics materials is 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, i.e. the processing of waste into secondary raw materials is classified in group 383 (Materials recovery). While this may involve physical or chemical transformations, this is not considered to be a part of manufacturing. The primary purpose of these activities is considered to be the treatment or processing of waste and they are therefore classified in Section E (Water supply; sewerage, waste management and remediation activities). However, the manufacture of new final products (as opposed to 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 (Repair, maintenance and installation of machinery and equipment). However, the repair of computers and personal and household goods is classified in division 95 (Repair of computers and personal and household goods), while the repair of motor vehicles is classified in division 45 (Wholesale and retail trade and repair of motor vehicles and motorcycles).

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

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

- fresh fish processing (oyster shucking, fish filleting), not done on a fishing boat (see 1020)
- milk pasteurising and bottling (see 1051)
- leather converting (see 1511)
- wood preserving (see 1610)
- printing and related activities (see 181)
- tyre retreading (see 2211)
- ready-mixed concrete production (see 2363)
- electroplating, plating, metal heat treating, and polishing (see 2561)
- rebuilding or remanufacturing of machinery (e.g. automobile engines) (see 2910)

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

- logging, classified in section A (Agriculture, forestry and fishing);
- beneficiating of agricultural products, classified in section A (Agriculture, forestry and fishing);



- preparation of food for immediate consumption on the premises is classified to division 56 (Food and beverage service activities);
- Beneficiating of ores and other minerals, classified in section B (Mining and quarrying);
- Construction of structures and fabricating operations performed at the site of construction, classified in section F (Construction);
- activities of breaking bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals; sorting of scrap; mixing paints to customer order; and cutting metals to customer order; treatment not resulting into a different good is classified to section G (Wholesale and retail trade; repair of motor vehicles and motorcycles).

## 10

### MANUFACTURE OF FOOD PRODUCTS

This division includes the processing of the 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, fruit and vegetables, fats and oils, milk products, grain mill products, animal feeds and other food products. Production can be carried out for own account, as well as for third parties, as in custom slaughtering.

This division does not include the preparation of meals for immediate consumption, such as in restaurants.

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

Preparation of food for immediate consumption on the premises is classified to division 56 (Food and beverage service activities).

Production of animal feeds from slaughter waste or by-products is classified in 109, while processing food and beverage waste into secondary raw material is classified to 383, and disposal of food and beverage waste in 3821.

#### 101 Processing and preserving of meat and production of meat products

##### 1011 Processing and preserving of meat

##### 101100 Production and preserving of meat (except 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, including fellmongery
- rendering of lard and other edible fats of animal origin
- processing of animal offal
- production of pulled wool

This type excludes:

- rendering of edible poultry fats (see 101200)
- packaging of meat (see 829200)

##### 1012 Processing and preserving of poultry meat

##### 101200 Production 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:

- production of feathers and down

This type excludes:

- packaging of meat (see 829200)

## 1013 Production of meat and poultry meat products

### 101300 Production of meat and poultry meat products

This type includes:

- production of dried, salted or smoked meat
- production of meat products:
  - sausages, salami, puddings, "andouillettes", saveloys, bolognas, pâtés, rillettes, boiled ham

This type excludes:

- manufacture of prepared frozen meat and poultry dishes (see 108500)
- manufacture of soup containing meat (see 108900)
- wholesale trade of meat (see 463200)
- packaging of meat (see 829200)

## 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: freezing, deep-freezing, drying, cooking, smoking, salting, immersing in brine, canning, etc.
- 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 vessels engaged only in the processing and preserving of fish
- processing of seaweed

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 from marine material (see 104100)
- manufacture of prepared frozen 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

This type also includes:

- industrial peeling of potatoes

This type excludes:

- manufacture of starches from potatoes (see 106200)

## 1032 Manufacture of fruit and vegetable juice

### 103200 Manufacture of fruit and vegetable juice

This type includes:

- manufacture of fruit or vegetable juice

This type also includes:

- production of concentrates from fresh fruits and vegetables

This type excludes:

- production of fruit drinks (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 fruit or vegetables, except ready-made dishes in frozen or canned form
- preserving of fruit, nuts or vegetables: freezing, drying, immersing in oil or in vinegar, canning, etc.
- manufacture of fruit or vegetable food products
- manufacture of jams, marmalades and table jellies
- roasting of nuts
- manufacture of nut foods and pastes

This type also includes:

- manufacture of perishable prepared foods of fruit and vegetables, such as:
  - salads; mixed salads, packaged
  - peeled or cut vegetables
  - tofu (bean curd)

This type excludes:

- manufacture of fruit or vegetable juices (see 103200)
- manufacture of flour or meal of dried leguminous vegetables (see 106100)
- preservation of fruit 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, except rendering or refining of lard and other edible animal fats.

## 1041 Manufacture of oils and fats

### 104100 Manufacture of oils and fats

This type includes:

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

This type also includes:

- manufacture of non-edible animal oils and fats
- extraction of fish and marine mammal oils
- production of cotton linters, oilcakes and other residual products of oil production

This type excludes:

- rendering and refining of lard and other edible animal fats (see 101100)
- manufacture of margarine (see 104200)
- wet corn milling (see 106200)
- manufacture of corn oil (see 106200)
- production of cocoa butter, cocoa fat, cocoa oil (see 108201)
- production of essential oils (see 205300)
- treatment of oil and fats by chemical processes (see 205900)

## 1042 Manufacture of margarine and similar edible fats

### 104200 Manufacture of margarine and similar edible fats

This type includes:

- manufacture of margarine
- manufacture of melanges and similar spreads
- manufacture of compound cooking fats

## 105 Manufacture of dairy products

### 1051 Operation of dairies and cheese making

#### 105101 Manufacture of fresh dairy products

This type includes:

- manufacture of fresh liquid milk, pasteurised, sterilised, homogenised and/or ultra heat treated
- manufacture of non-alcoholic milk-based drinks
- manufacture of cream from fresh liquid milk, pasteurised, sterilised, homogenised
- manufacture of yoghurt
- manufacture of butter

This type excludes:

- production of raw milk (cattle) (see 014100)
- production of raw milk (sheep, goats, horses, asses, camels, etc.) (see 014300, 014400, 014500)
- manufacture of non-dairy milk substitutes (see 108900)
- manufacture of margarine (see 104200)

#### 105102 Manufacture of cheese

This type includes:

- manufacture of cheese and quark

This type excludes:

- manufacture of non-dairy 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 or lactose

This type excludes:

- manufacture of ice cream (see 105200)
- manufacture of infant milk (see 108600)

## 1052 Manufacture of ice cream

### 105200 Manufacture of ice cream

This type includes:

- manufacture of ice cream and other edible ice such as sorbet

This type excludes:

- activities of ice cream parlours (see 561001)

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

This group includes the milling of flour or meal from grains or vegetables, the milling, cleaning and polishing of rice, as well as 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.

## 1061 Manufacture of grain mill products

### 106100 Manufacture of grain mill products

This type includes:

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

This type excludes:

- 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.

## 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 bread (normal and special)
- manufacture of fresh bakery products including pastries such as cakes, pies, tarts, pancakes, rolls (either sweet or salted; preserved for up to one month)

This type excludes:

- manufacture of dry bakery products (see 107200)
- manufacture of pastas (see 107300)
- heating up of bakery items for immediate consumption (see division 56)

1072 Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes

**107200 Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes**

This type includes:

- manufacture of preserved pastry goods such as rusks, waffles, gingerbread biscuits, dry biscuits, cookies, crackers and pretzels, snacks, etc. (preserved for at least one month)

This type excludes:

- manufacture of potato snacks (see 103100)

1073 Manufacture of macaroni, noodles, couscous and similar farinaceous products

**107300 Manufacture of macaroni, noodles, couscous and similar farinaceous products**

This type includes:

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

This type excludes:

- manufacture of prepared couscous dishes (see 108500)
- manufacture of soup containing pasta (see 108900)

108 Manufacture of other food products

This group includes production sugar and confectionery, prepared meals and dishes, coffee, tea and spices as well as perishable and specialty food products.

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:

- manufacture of glucose, glucose syrup, maltose (see 106200)

1082 Manufacture of cocoa, chocolate and sugar confectionery

**108201 Production of cocoa and chocolate**

This type includes:

- production of cocoa, cocoa butter, cocoa fat, cocoa oil, cocoa powder, etc.
- production of chocolate and chocolate confectionery: fondant, white chocolate

**108202 Production of confectionery and sugar confectionery**

This type includes:

- production of sugar confectionery: caramels, cachous, nougats, confectionery lozenges, pastilles, etc.
- production of chewing gum
- preserving in sugar of fruit, nuts, fruit peels and other parts of plants

This type excludes:

- manufacture of sucrose sugar (see 108100)

**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, verbena, chamomile, etc.)

This type excludes:

- manufacture of inulin (see 106200)
- manufacture of spirits, beer, wine and soft drinks (see division 11)
- preparation of botanical products for pharmaceutical use (see 211000)
- growing of beverage crops (see 012700)

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

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 (i.e. prepared, seasoned and cooked) meals and dishes. These dishes are processed to preserve them, for example in frozen or canned form, and are usually packaged and labelled for resale, i.e. this type does not include the preparation of meals for immediate consumption, such as in restaurants. To be considered a dish, these foods have to contain at least two distinct ingredients (except seasonings, etc.).

This type includes:

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

This type also includes:

- manufacture of local and national dishes

This type excludes:

- manufacture of fresh foods or foods with less than two ingredients (see corresponding type in division 10)
- manufacture of perishable prepared foods (see 108900)
- retail sale of prepared meals and dishes in stores (see 4711, 4729)

- wholesale of prepared meals and dishes (see 463800)
- activities of food service contractors (see 562900)

## 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 milk and other follow-up foods
  - baby foods
  - low-energy and energy-reduced foods intended for weight control
  - dietary foods for special medical purposes
  - low-sodium foods, including low-sodium or sodium-free dietary salts
  - gluten-free foods
  - foods intended to meet the expenditure of intense muscular effort, especially for sportsmen
  - foods for persons suffering from carbohydrate metabolism disorders (diabetes)

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

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

This type includes:

- manufacture of soups and broths
- manufacture of artificial honey and caramel
- manufacture of perishable prepared foods, such as:
  - sandwiches
  - fresh (uncooked) pizza
- manufacture of food supplements and other food products n.e.c.

This type also includes:

- manufacture of yeast
- manufacture of extracts and juices of meat, fish, crustaceans or molluscs
- manufacture of non-dairy milk and cheese substitutes
- manufacture of egg products, egg albumin
- manufacture of artificial concentrates

This type excludes:

- manufacture of perishable prepared foods of fruit and vegetables (see 103900)
- manufacture of frozen pizza (see 108500)
- manufacture of spirits, beer, wine and soft drinks (see division 11)

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

This type also includes:

- treatment of slaughter waste to produce animal feeds

This type excludes:

- 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.



1092 Manufacture of prepared pet foods

**109200 Manufacture of prepared pet foods**

This type includes:

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

This type also includes:

- treatment of slaughter waste to produce animal feeds

This type excludes:

- 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, such as non-alcoholic beverages and mineral water, manufacture of alcoholic beverages mainly through fermentation, beer and wine, and the manufacture of distilled alcoholic beverages.

This division excludes:

- production of fruit and vegetable juices (see 1032)
- manufacture of milk-based drinks (see 1051)
- manufacture of coffee, tea and mate products (see 1083)

110 Manufacture of beverages

1101 Distilling, rectifying and blending of spirits

**110100 Distilling, rectifying and blending of spirits**

This type includes:

- manufacture of distilled, drinkable, 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 110200-110600)
- manufacture of synthetic ethyl alcohol (see 201400)
- manufacture of ethyl alcohol from fermented materials (see 201400)
- merely bottling and labelling if performed as part of wholesale (see 463401)
- merely bottling and labelling if performed on a fee or contract basis (see 829200)

1102 Manufacture of wine from grape

**110200 Manufacture of wine from grape**

This type includes:

- manufacture of wine
- manufacture of sparkling wine
- 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:

- merely bottling and labelling if performed as part of wholesale (see 463401)
- merely bottling and labelling if performed on a fee or contract basis (see 829200)

1103 Manufacture of cider and other fruit wines

110300 Manufacture of cider and other fruit wines

This type includes:

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

This type also includes:

- manufacture of mead and mixed beverages containing fruit wines

This type excludes:

- merely bottling and labelling if performed as part of wholesale (see 463401)
- merely bottling and labelling if performed on a fee or contract basis (see 829200)

1104 Manufacture of other non-distilled fermented beverages

110400 Manufacture of other non-distilled fermented beverages

This type includes:

- manufacture of vermouth and the like

This type excludes:

- merely bottling and labelling if performed as part of wholesale (see 463401)
- merely bottling and labelling if performed on a fee or contract basis (see 829200)

1105 Manufacture of beer

110500 Manufacture of beer

This type includes:

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

1107 Manufacture of soft drinks; production of mineral waters and other bottled waters

110700 Manufacture of soft drinks; production of mineral waters and other bottled waters

This type includes 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..

This type excludes:

- production of fruit and vegetable juice (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, 110200, 110300, 110400, 110500)
- manufacture of non-alcoholic wine (see 110200)
- manufacture of non-alcoholic beer (see 110500)
- manufacture of ice (see 353000)
- merely bottling and labelling if performed as part of wholesale (see 463401)
- merely bottling and labelling if performed on a fee or contract basis (see 829200)

## **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 re-drying of tobacco

This type excludes:

- growing or preliminary processing of tobacco (see 011500, 016300)

## **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 made-up textile articles, except apparel (e.g. household linen, blankets, rugs, cordage, etc.). Growing of natural fibres is covered under division 01, while manufacture of synthetic fibres is a chemical process classified in class 2060. Manufacture of wearing apparel is covered in division 14.

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. These can be performed on various raw materials, such as silk, wool, other animal, vegetable or man-made fibres, paper or glass, etc.

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.) (see 011600)
- 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)

**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, such as silk, wool, other animal, vegetable or man-made fibres, paper or glass, etc.

This class excludes:

- manufacture of knitted and crocheted fabrics (see 139100)
- manufacture of textile floor coverings (see 139300)
- manufacture of narrow fabrics (see 139600)
- manufacture of non-woven fabrics and felts (see 139903)

#### 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.

#### 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

#### 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 carbon and aramid threads
- manufacture of woven fabrics of glass fibres
- manufacture of imitation fur by weaving

#### 133 Finishing of textiles

#### 1330 Finishing of textiles

#### 133000 Finishing of textiles

This type includes finishing of textiles and wearing apparel, i.e. 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
- silk-screen printing on textiles and wearing apparel

This type excludes:

- manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent (see 221900)

## 139 Manufacture of other textiles

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

## 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 knitted on Raschel or similar machines
  - 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 knitted on Raschel or similar machines (see 139902)
- manufacture of knitted and crocheted apparel (see 143900)

## 1392 Manufacture of made-up textile articles, except apparel

This class includes:

- manufacture of made-up articles of any textile material, including of knitted or crocheted fabrics
- manufacture of made-up furnishing articles

### 139201 Manufacture of household textiles

This type includes:

- manufacture of bed, table, toilet or kitchen linen:
  - bed sheets, quilt covers, pillow cases, tablecloths, table napkins, washcloths, bath towels, hand towels, dust cloths, dishcloths, etc.
- manufacture of made-up furnishing articles:
  - curtains, valances, blinds, furniture covers, etc.

This type also includes:

- manufacture of hand-woven tapestries

### 139202 Manufacture of bedding articles

This type includes:

- manufacture of quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags, etc.
- manufacture of bedspreads
- manufacture of blankets, including travelling rugs

This type also includes:

- manufacture of the textile part of electric blankets

This type excludes:

- manufacture of mattresses (see 310300)

### 139203 Manufacture of other made-up textile articles except apparel

This type includes:

- manufacture of made-up furnishing articles:
  - tarpaulins, tents, camping goods, windsurfing and boat sails, sun blinds, loose covers for cars, machines or furniture, etc.
  - flags, banners, pennants, etc.
  - life jackets, parachutes, etc.

This type excludes:

- manufacture of textile articles for technical use (see 139600)

## 1393 Manufacture of carpets and rugs

### 139300 Manufacture of carpets and rugs

This type includes:

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

This type also includes:

- manufacture of needle-loom felt floor coverings

This type excludes:

- manufacture of mats and matting of plaiting materials (see 162900)
- manufacture of floor coverings of cork (see 162900)
- manufacture of resilient floor coverings, such as vinyl, linoleum (see 222300)

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

This type excludes:

- manufacture of hairnets (see 141900)
- manufacture of wire rope (see 259300)
- manufacture of landing nets for sports fishing (see 3230)

## 1395 Manufacture of non-wovens and articles made from non-wovens, except apparel

### 139500 Manufacture of non-wovens and articles made from non-wovens, except apparel

This type includes all activities related to the manufacture of textiles or textile products, not specified elsewhere in divisions 13 or 14, involving a large number of processes and a great variety of goods produced.

## 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, pompoms, etc.
- manufacture of fabrics impregnated, coated, covered or laminated with plastics
- manufacture of metallised yarn or metallised gimped yarn, rubber thread and cord covered with textile material, textile yarn or strip covered, impregnated, coated or sheathed with rubber or plastics
- manufacture of tyre cord fabric of high-tenacity man-made yarn
- manufacture of other treated or coated fabrics: buckram and similar stiffened textile fabrics, fabrics coated with gum or amylaceous substances

- manufacture of diverse textile articles: textile wicks, incandescent gas mantles and tubular gas
- manufacture of mantle fabric, hosepiping, 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

This type excludes:

- manufacture of transmission or conveyor belts of textile fabric, yarn or cord impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent (see 221900)
- manufacture of plates or sheets of cellular rubber or plastic combined with textiles for reinforcing purposes only (see 221900, 222100)
- manufacture of cloth of woven metal wire (see 259300)

## 1399 Manufacture of other textiles n.e.c.

### 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

### 139903 Manufacture of various other textiles n.e.c.

This type includes:

- manufacture of felt
- manufacture of tulles and other net fabrics
- manufacture of powder puffs and mitts
- manufacture of pressure sensitive cloth-tape
- manufacture of shoe-lace, 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 (e.g. leather, fabric, knitted and crocheted fabrics, etc.), of all items of clothing (e.g. outerwear, underwear for men, women or children; work, city or casual clothing, etc.) and accessories. There is no distinction made between clothing for adults and clothing for children, or between modern and traditional clothing. Division 14 also includes the fur industry (fur skins and wearing apparel).

### 141 Manufacture of wearing apparel, except fur apparel

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

#### 1411 Manufacture of leather clothes

##### 141100 Manufacture of leather clothes

This type includes:

- manufacture of wearing apparel made of leather or composition leather including leather industrial work accessories such as welder's leather aprons

This type excludes:

- manufacture of fur wearing apparel (see 142000)
- manufacture of leather sports gloves and sports headgear (see 323000)
- manufacture of fire-resistant and protective safety clothing (see 329900)

1412 Manufacture of workwear

141200 Manufacture of workwear

This type includes:

- manufacture of work wear

This type excludes:

- manufacture of footwear (see 152000)
- manufacture of fire-resistant and protective safety clothing (see 329900)
- repair of wearing apparel (see 952900)

1413 Manufacture of other outerwear

This class excludes:

- manufacture of wearing apparel of fur skins (except headgear) (see 142000)
- manufacture of wearing apparel of rubber or plastic not assembled by stitching but merely sealed together (see 221900, 222900)
- manufacture of fire-resistant and protective safety clothing (see 329900)
- repair of wearing apparel (see 952900)
- manufacture of babies' garments (see 141900)

141301 Manufacture of men's and boys' outerwear

This type includes

- manufacture of men's and boys' outerwear (made-to-measure and ready-to-wear) made of woven, knitted or crocheted fabric, non-wovens, etc:
  - coats, suits, ensembles, jackets, trousers, etc.

This type also includes:

- manufacture of parts of the products listed

141302 Manufacture of ladies' and girls' outerwear

This type includes:

- manufacture of women's and girls' outerwear (tailored and ready-to-wear) made of woven, knitted or crocheted fabric, non-wovens, etc.:
  - coats, suits, ensembles, jackets, trousers, skirts, etc.

This type also includes:

- manufacture of parts of the products listed

141303 Manufacture of non-specific outerwear

This type includes:

- manufacture of outerwear (tailored and ready-to-wear) made of woven, knitted or crocheted fabric, non-wovens, etc. for men, boys, women and girls, equally combined:
  - coats, suits, ensembles, jackets, trousers, skirts, etc.

This type also includes:

- manufacture of parts of the products listed

1414 Manufacture of underwear

This class excludes:

- repair of wearing apparel (see 952900)

141401 Manufacture of gents' and boys' underwear

This type includes:

- manufacture of underwear and nightwear made of woven, knitted or crocheted fabric, etc. for gents and boys:
  - shirts, T-shirts, underpants, briefs, pyjamas, dressing gowns, etc.



**141402    Manufacture of ladies' and girls' underwear**

This type includes:

- manufacture of underwear and nightwear made of woven, knitted or crocheted fabric, lace, etc., for ladies and girls:
- shirts, T-shirts, underpants, slips, pyjamas, nightdresses, dressing gowns, blouses, brassieres, corsets, etc.

**141403    Manufacture of non-specific underwear**

This type includes:

- manufacture of underwear and nightwear made of woven, knitted or crocheted fabric, lace, etc., for men, women and children, equally combined:
- shirts, T-shirts, underpants, briefs, pyjamas, nightdresses, dressing gowns, blouses, slips, brassieres, corsets, etc.

**1419    Manufacture of other wearing apparel and accessories****141900    Manufacture of other wearing apparel and accessories**

This type includes:

- manufacture of babies garments, tracksuits, ski suits, swimwear, etc.
- manufacture of hats and caps
- manufacture of other clothing accessories: gloves, belts, shawls, ties, cravats, hairnets, etc.

This type also includes:

- manufacture of headgear from fur skins
- manufacture of footwear of textile material without applied soles
- manufacture of parts of the products listed

This type excludes:

- manufacture of sports headgear (see 323000)
- manufacture of safety headgear (except sports headgear) (see 329900)
- manufacture of fire-resistant and protective safety clothing (see 329900)
- repair of wearing apparel (see 952900)

**142    Manufacture of articles of fur****1420    Manufacture of articles of fur****142000    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 such as "dropped" fur skins, plates, mats, strips, etc.
- diverse articles of fur skins: rugs, unstuffed pouffes, industrial polishing cloths

This type excludes:

- production of raw fur skins (see 014900, 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 141900)
- manufacture of apparel trimmed with fur (see 141900)
- dressing and dyeing of fur (see 151100)
- manufacture of boots or shoes containing fur parts (see 152000)

**143    Manufacture of knitted and crocheted apparel****1431    Manufacture of knitted and crocheted hosiery****143100    Manufacture of knitted and crocheted hosiery**

This type includes:

- manufacture of hosiery, including socks, tights and pantyhose

## 1439 Manufacture of other knitted and crocheted apparel

### 143900 Manufacture of other knitted and crocheted apparel

This type includes:

- manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape: pullovers, cardigans, jerseys, waistcoats and similar articles

This type excludes:

- manufacture of knitted and crocheted fabrics (see 139100)
- manufacture of hosiery (see 143100)

## 15 MANUFACTURE OF LEATHER AND RELATED PRODUCTS

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

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

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

#### 1511 Tanning and dressing of leather; dressing and dyeing of fur

### 151100 Tanning and dressing of leather; dressing and dyeing of fur

This type includes:

- tanning, dyeing and dressing of hides and skins
- 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 014900)
- production of hides and skins as part of slaughtering (see 101100)
- manufacture of leather apparel (see 141100)
- manufacture of imitation leather not based on natural leather (see 221900, 222900)

#### 1512 Manufacture of luggage, handbags and the like, saddlery and harnesses

### 151200 Manufacture of luggage, handbags and the like, saddlery and harnesses

This type includes:

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

This type excludes:

- manufacture of leather wearing apparel (see 141100)
- manufacture of leather gloves and hats (see 141900)
- 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 (see below for exceptions)
- manufacture of leather parts of footwear: manufacture of uppers and parts of uppers, outer and inner soles, heels, etc.
- manufacture of gaiters, leggings and similar articles

This type excludes:

- manufacture of footwear of textile material without applied soles (see 141900)
- manufacture of wooden shoe parts (e.g. heels and lasts) (see 162900)
- manufacture of rubber boot and shoe heels and soles and other rubber footwear parts (see 221900)
- manufacture of plastic footwear parts (see 222900)
- manufacture of ski-boots (see 323000)
- manufacture of orthopaedic shoes (see 325002)

## **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, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, and prefabricated wood buildings. The production processes include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that may then be cut further, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers.

With the exception of sawmilling, this division is subdivided mainly based on the specific products manufactured.

This division does not include the manufacture of furniture (310), or the installation of wooden fittings and the like (4332, 4333, 4339).

161      Sawmilling and planing of wood

1610      Sawmilling and planing of wood

This class excludes:

- logging and production of wood in the rough (see 0220)
- manufacture of veneer sheets thin enough for use in plywood, boards and panels (see 162100)
- manufacture of shingles and shakes, beadings and mouldings (see 162303)
- manufacture of fire logs or pressed wood (see 162900)

161001      Sawmilling

This type includes:

- sawing of wood
- drying of wood
- slicing, peeling or chipping logs
- manufacture of wooden railway sleepers
- manufacture of wood wool, wood flour, chips, particles

161002      Planing and surface treatment of wood

This type includes:

- planing and machining of wood
- manufacture of unassembled wooden flooring

- surface treatment of panellings and claddings

## 161003 Impregnation of wood

This type includes:

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

## 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, laminated veneer wood

## 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 floors (see 161002)

## 1623 Manufacture of other builders' carpentry and joinery

### 162301 Builder's joinery, wooden windows and doors

This type includes:

- manufacture of doors, windows,
- manufacture of exterior joinery goods, shutters and their frames, exterior wall cladding, whether or not containing metal fittings, such as hinges, locks, etc.
- manufacture of mobile homes
- installation of doors, windows by the manufacturer

### 162302 Interior joinery

This type includes:

- manufacture of interior joinery goods:
  - wall closets, shelves
  - wall and ceiling covering
  - built-in furniture
  - stairs, railings
  - manufacture of wood partitions (except free standing)
  - manufacture of saunas
- installation of interior and exterior carpentry goods by the manufacturer

This type excludes:

- manufacture of kitchen cabinets, bookcases, wardrobes, etc. (see 310100, 310200, 310900)
- manufacture of wood partitions, free standing (see 310100, 310200, 310900)

162303	Manufacture of other builders' carpentry and joinery of wood
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This type includes:

- industrial prefabrication of framing materials and systems:
  - floor, ceiling, wall and roof elements
  - prefabricated room modules
  - assembly of prefabricated wood elements
- production of wood elements for the construction industry:
  - beams, rafters, roof struts
  - glue-laminated roof truss structures and prefabricated buildings
  - wooden beadings and mouldings, shingles and shakes

1624	Manufacture of wooden containers
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162400	Manufacture of wooden containers
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This type includes:

- manufacture of packing cases, boxes, crates, drums and similar packings of wood
- manufacture of pallets, box pallets and other load boards of wood
- manufacture of barrels, vats, tubs and other coopers products of wood
- manufacture of wooden cable-drums

This type excludes:

- manufacture of luggage (see 151200)
- manufacture of cases of plaiting material (see 162900)

1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
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162900	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
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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 and kitchenware of wood
  - wooden statuettes and ornaments, wood marquetry, inlaid wood
  - wooden cases for jewellery, cutlery and similar articles
  - wooden spools, cops, bobbins, sewing thread reels and similar articles of turned wood
  - other articles of wood
- natural cork processing, manufacture of agglomerated cork
- manufacture of articles of natural or agglomerated cork, including floor coverings
- manufacture of plaits and products of plaiting materials: mats, matting, screens, cases, etc.
- manufacture of basketware and wickerwork
- manufacture of fire logs and pellets for energy, made of pressed wood or substitute materials like coffee or soybean grounds
- manufacture of wooden mirror and picture frames
- manufacture of frames for artists canvases
- manufacture of wooden shoe parts (e.g. heels and lasts)
- manufacture of handles for umbrellas, canes and similar
- manufacture of custom-made frames for paintings, etchings, photographs, etc
- 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 (see 152000)
- manufacture of matches (see 205100)
- manufacture of clock cases (see 265204)
- manufacture of wooden spools and bobbins that are part of textile machinery (see 289400)
- manufacture of furniture (see 310)
- manufacture of wooden toys (see 324000)

- manufacture of brushes and brooms (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 and converted paper products. 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.

There are essentially three activities: 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. The manufacture of paper involves releasing pulp onto a moving wire mesh to form a continuous sheet. Converted paper products are made from paper and other materials by various techniques.

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

The production of pulp, paper and paperboard in bulk is included in 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 cotton-linters 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:
  - coating, covering and impregnation of paper and paperboard
  - manufacture of crêped or crinkled paper
  - manufacture of laminates and foils, if laminated with paper or paperboard
- manufacture of handmade paper
- manufacture of newsprint and other printing or writing paper
- manufacture of cellulose wadding and webs of cellulose fibres
- manufacture of carbon paper or stencil paper in rolls or large sheets

This type excludes:

- manufacture of corrugated paper and paperboard (see 172100)
- manufacture of further-processed articles of paper, paperboard or pulp (see 172200, 172300, 172400, 172900)
- manufacture of coated or impregnated paper, where the coating or impregnant is the main ingredient (see type in which the manufacture of the coating or impregnant is classified)
- manufacture of abrasive paper (see 239100)

172      Manufacture of articles of paper and paperboard

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

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

This type includes:

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

This 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 172900)

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 printout paper ready for use
- manufacture of self-copy paper ready for use
- manufacture of duplicator stencils and carbon paper ready for use
- manufacture of gummed or adhesive paper ready for use
- manufacture of envelopes and letter-cards
- manufacture of 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 in bulk (see 171200)
- manufacture of plastic wall paper (see 222900)

## 1729 Manufacture of other articles of paper and paperboard

### 172900 Manufacture of other articles of paper and paperboard

This type includes:

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

This type excludes:

- manufacture of playing cards (see 324000)
- manufacture of games and toys of paper or paperboard (see 324000)

## 18 PRINTING AND REPRODUCTION OF RECORDED MEDIA

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

Processes used in printing include a variety of methods for transferring an image from a plate, screen or computer file to a medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods entails the transfer of the image from a plate or screen to the medium 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 (a newspaper, for example), 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, such as compact discs, video recordings, software on discs or tapes, records, etc.

This division excludes publishing activities (see section J).

## 181 Printing and service activities related to printing

This group includes printing of products, such as newspapers, books, periodicals, business forms, greeting cards, and other materials, and associated support activities, such as bookbinding, plate-making services, and data imaging. Printing can be done using various techniques and on different materials.

## 1811 Printing of newspapers

### 181100 Printing of newspapers

This type includes:

- printing of newspapers

This type also includes:

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

This type excludes:

- publishing of printed matter (see 581)
- photocopying of documents (see 821902)



**Other Printing**

This class includes:

- printed matter by letterpress, offset, photogravure, flexographic, screen printing and other printing presses, duplication machines, computer printers, embossers, etc., including quick printing

The material printed is typically copyrighted.

This class excludes:

- silk-screen printing on textiles and wearing apparel (see 133000)
- manufacture of stationery (notebooks, binders, registers, accounting books, business forms, etc.), when the printed information is not the main characteristic (see 172300)
- publishing of printed matter (see 581)

**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

This type also includes:

- offset printing on labels and tags

**181202 Screen printing**

This type includes:

- printing of posters, maps, atlases, prospectuses, advertising catalogues and other printed advertising, albums, diaries, personal stationery and other printed matter by screen printing

This type also includes:

- screen printing on labels and tags

**181203 Diazo printing and reproduction graphics**

This type includes:

- production of copies/prints in diazo and other reprographic methods

The activities included here cover professional, large-quantity document copying activities.

**181204 Other printing n.e.c.**

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 flexographic, inkjet printing and other printing presses
- printing directly onto textiles, plastic, glass, metal, wood and ceramics

This type also includes:

- flexographic, inkjet printing and other printing presses on labels and tags

**1813 Pre-press and pre-media services****181301 Composition and plate-making**

This type includes:

- composing, typesetting, phototypesetting, pre-press data input including scanning and optical character recognition, electronic make-up
- preparation of data files for multi-media (printing on paper, CD-ROM, Internet) applications

- plate-making services including image setting and plate setting (for the printing processes letterpress and offset)
- 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, such as preparation of lithographic stones and wood blocks
  - production of proofs

This type excludes:

- graphic design and visual communication activities (see 741002)

## 181302 Other activities related to printing

This type includes:

- preparation of presentation media, e.g. overhead foils and other digital forms of presentation
- preparation of sketches, layouts, dummies, etc.

This type excludes:

- graphic design and visual communication activities (see 741002)

## 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, etc., by 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 such as customisation, envelope preparation
- other finishing activities such as 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 1811, 1812)
- publishing of software (see 582)
- production and distribution of motion pictures, video tapes and movies on DVD 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 also includes the manufacture for own account of characteristic products (e.g. coke, butane, propane, petrol, kerosene, fuel oil, etc.) as well as processing services (e.g. custom refining).

This division includes the manufacture of gases such as ethane, propane and butane as products of petroleum refineries.

Not included is the manufacture of such gases in other units (2014), manufacture of industrial gases (2011), extraction of natural gas (methane, ethane, butane or propane) (0620), and manufacture of fuel gas, other than petroleum gases (e.g. coal gas, water gas, producer gas, gasworks gas) (3521). The manufacture of petrochemicals from refined petroleum is 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

1920 Manufacture of refined petroleum products

**192000 Manufacture of refined petroleum products**

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 and cracking.

This type includes:

- production of motor fuel: gasoline, kerosene, etc.
- production of fuel: light, medium and heavy fuel oil, refinery gases such as ethane, propane, butane, etc.
- manufacture of oil-based lubricating oils or greases, including from waste oil
- manufacture of products for the petrochemical industry and for the manufacture of road coverings
- manufacture of various products: white spirit, Vaseline, paraffin wax, petroleum jelly, etc.
- manufacture of petroleum briquettes
- blending of biofuels, i.e. blending of alcohols with petroleum (e.g. gasohol)

This type also includes:

- manufacture of peat briquettes
- manufacture of hard-coal and lignite fuel briquettes

## **20 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**

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.

201 Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastics and synthetic rubber in primary forms

This group includes the manufacture of basic chemical products, fertilisers and associated nitrogen compounds, as well as plastics and synthetic rubber in primary forms.

## 2011 Manufacture of industrial gases

### 201100 Manufacture of industrial gases

This type includes:

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

- elemental gases
- liquid or compressed air
- refrigerant gases
- mixed industrial gases
- inert gases such as carbon dioxide
- isolating gases

This type excludes:

- extraction of methane, ethane, butane or propane (see 062000)
- manufacture of fuel gases such as ethane, butane or propane in a petroleum refinery (see 192000)
- manufacture of gaseous fuels from coal, waste, etc. (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

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 are 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

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 205300)
- manufacture of basic metals (see division 24)

**201400 Manufacture of other organic basic chemicals**

This type includes the manufacture of chemicals using basic processes, such as thermal cracking and distillation. The output of these processes are usually separate chemical elements or separate chemically defined 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 sugarcane, corn or similar to produce alcohol and esters
  - other organic compounds, including wood distillation products (e.g. charcoal), etc.
- manufacture of synthetic aromatic products
- distillation of coal tar

This type excludes:

- 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 natural essential oils (see 205300)
- manufacture of salicylic and O-acetylsalicylic acids (see 211000)

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 with peat as main constituent
- manufacture of potting soil mixtures of natural soil, sand, clays and minerals

This type excludes:

- mining of guano (see 089100)
- manufacture of agrochemical products, such as pesticides (see 202000)

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

- silicones
- ion-exchangers based on polymers

This type also includes:

- manufacture of cellulose and its chemical derivatives

This type excludes:

- manufacture of artificial and synthetic fibres, filaments and yarn (see 206000)
- shredding of plastic products (see 383200)

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)

202 Manufacture of pesticides and other agrochemical products

2020 Manufacture of pesticides and other agrochemical products

#### 202000 Manufacture of pesticides 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 and engobes and similar preparations
- manufacture of mastics
- manufacture of caulking compounds and similar non-refractory filling or surfacing preparations
- manufacture of organic composite solvents and thinners
- manufacture of prepared paint or varnish removers
- manufacture of printing ink

This type excludes:

- manufacture of dyestuffs and pigments (see 201200)
- manufacture of writing and drawing ink (see 205900)

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

### 204200 Manufacture of perfumes and toilet preparations

This type includes:

- manufacture of perfumes and toilet preparations:
  - perfumes and toilet water
  - beauty and make-up preparations
  - sunburn prevention and suntan preparations
  - manicure and pedicure preparations
  - shampoos, hair lacquers, waving and straightening preparations
  - dentifrices and preparations for oral hygiene, including denture fixative preparations
  - shaving preparations, including pre-shave and aftershave preparations
  - deodorants and bath salts
  - depilatories
- manufacture of cosmetic soap

This type excludes:

- extraction and refining of natural essential oils (see 205300)

## 205 Manufacture of other chemical products

This group includes the manufacture of explosives and pyrotechnic products, glues, essential oils and chemical products n.e.c., e.g. photographic chemical material (including film and sensitised paper), composite diagnostic preparations, etc.

## 2051 Manufacture of explosives

### 205100 Manufacture of explosives

This type includes:

- manufacture of propellant powders
- manufacture of explosives and pyrotechnic products, including percussion caps, detonators, signalling flares, etc.

This type also includes:

- manufacture of matches

## 2052 Manufacture of glues

### 205200 Manufacture of glues

This type includes:

- manufacture of glues and prepared adhesives, including rubber-based glues and adhesives

This type excludes:  
- manufacture of gelatines and its derivatives (see 205900)

## 2053 Manufacture of essential oils

### 205300 Manufacture of essential oils

This type includes:  
- manufacture of extracts of natural aromatic products  
- manufacture of resinoids  
- manufacture of mixtures of odoriferous products for the manufacture of perfumes or food

This type excludes:  
- manufacture of synthetic aromatic products (see 201400)  
- manufacture of perfumes and toilet preparations (see 204200)

## 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 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

This type also includes:  
- manufacture of writing and drawing ink

This type excludes:  
- manufacture of chemically defined products in bulk (see 201300, 201400)  
- manufacture of distilled water (see 201300)  
- manufacture of other organic basic chemicals (see 201400)  
- manufacture of printing ink (see 203000)  
- manufacture of asphalt-based adhesives (see 239901)

## 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

This type excludes:  
- spinning of synthetic or artificial fibres (see 1310)  
- manufacture of yarns made of man-made staple (see 1310)



## **21 MANUFACTURE OF BASIC PHARMACEUTICAL PRODUCTS AND PHARMACEUTICAL PREPARATIONS**

This division includes the manufacture of basic pharmaceutical products and pharmaceutical preparations. This includes also 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 medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments: antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids, etc.
- processing of blood

This type also includes:

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

### **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 biotech pharmaceuticals

This type also includes:

- manufacture of medical impregnated wadding, gauze, bandages, dressings, etc.
- preparation of botanical products (grinding, grading, milling) for pharmaceutical use

This type excludes:

- manufacture of herb infusions (mint, verbena, chamomile, etc.) (see 108300)
- manufacture of dental fillings, manufacture of dental cement (see 325001)
- manufacture of bone reconstruction cements (see 325001)
- manufacture of surgical drapes (see 325001)
- wholesale of pharmaceuticals (see 464601)
- retail sale of pharmaceuticals (see 477300)
- research and development for pharmaceuticals and biotech pharmaceuticals (see 721100)
- packaging of pharmaceuticals (see 829200)

## **22 MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**

This division includes the manufacture of rubber and plastics 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.

### **221 Manufacture of rubber products**

This group includes the manufacture of rubber products.

#### **2211 Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres**

#### **221100 Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres**

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 221900)
- tyre and tube repair, fitting or replacement (see 452001)

## 2219 Manufacture of other rubber products

### 221900 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 (if only sealed together, not sewn)
  - rubber sole and other rubber parts of footwear
  - 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, hair pins, hair rollers, and similar

This type also includes:

- manufacture of rubber repair materials
- manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent
- manufacture of rubber waterbed mattresses
- manufacture of rubber bathing caps and aprons
- manufacture of rubber wet suits and diving suits
- manufacture of rubber sex articles

This type excludes:

- manufacture of tyre cord fabrics (see 139600)
- manufacture of apparel of elastic fabrics (see 1414, 141900)
- manufacture of rubber footwear (see 152000)
- manufacture of glues and adhesives based on rubber (see 205200)
- manufacture of "camelback" strips (see 221100)
- manufacture of inflatable rafts and boats (see 301100, 301200)
- manufacture of mattresses of uncovered cellular rubber (see 310300)
- manufacture of rubber sports requisites, except apparel (see 323000)
- manufacture of rubber games and toys (including children's wading pools, inflatable children rubber boats, inflatable rubber animals, balls and the like) (see 324000)
- reclaiming of rubber (see 383200)

## 222 Manufacture of plastics products

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

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:
  - plastic plates, sheets, blocks, film, foil, strip, etc. (whether self-adhesive or not)
- manufacture of finished plastic products:
  - plastic tubes, pipes and hoses; hose and pipe fittings
  - cellophane film or sheet

This type excludes:

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

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 builders' ware of plastic

222300 Manufacture of builders' ware of plastic

This type includes:

- manufacture of builders' plastics ware:
  - plastic doors, windows, frames, shutters, blinds, skirting boards
  - tanks, reservoirs
  - plastic floor, wall or ceiling coverings in rolls or in the form of tiles, etc.
  - plastic sanitary ware like plastic baths, shower baths, washbasins, lavatory pans, flushing cisterns, etc.
- manufacture of resilient floor coverings, such as vinyl, linoleum, etc.
- manufacture of artificial stone (e.g. cultured marble)

2229 Manufacture of other plastic products

222900 Manufacture of other plastic products

This type includes:

- manufacture of plastic tableware, kitchenware and toilet articles
- manufacture of diverse plastic products:
  - plastic headgear, insulating fittings, parts of lighting fittings, office or school supplies, articles of apparel (if only sealed together, not sewn), fittings for furniture, statuettes, transmission and convey or belts, self-adhesive tapes of plastic, plastic shoe lasts, plastic cigar and cigarette holders, combs, plastics hair curlers, plastics novelties, etc.

This type excludes:

- manufacture of plastic luggage (see 151200)
- manufacture of plastic footwear (see 152000)
- manufacture of plastic furniture (see 310100, 310200, 310900)
- manufacture of mattresses of uncovered cellular plastic (see 310300)
- manufacture of plastic sports requisites (see 323000)
- manufacture of plastic games and toys (see 324000)
- manufacture of plastic medical and dental appliances (see 325001)
- manufacture of plastic ophthalmic goods (see 325004)
- manufacture of plastics hard hats 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 (e.g. flat glass, hollow glass, fibres, technical glassware, etc.), ceramic products, tiles and baked clay products, and cement 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.

### 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, including wired, coloured or tinted flat glass

#### 2312 Shaping and processing of flat glass

##### 231200 Shaping and processing of flat glass

This type includes:

- manufacture of toughened or laminated flat glass
- manufacture of glass mirrors
- manufacture of multiple-walled insulating units of glass

#### 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 and other domestic glass or crystal articles

This type excludes:

- 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

This type excludes:

- manufacture of woven fabrics of glass yarn (see 132003)
- manufacture of fibre optic cable for data transmission or live transmission of images (see 273100)

#### 2319 Manufacture and processing of other glass, including technical glassware

##### 231900 Manufacture and processing of other glass, including technical glassware

This type includes:

- manufacture of laboratory, hygienic or pharmaceutical glassware
- manufacture of clock or watch glasses, optical glass and optical elements not optically worked
- manufacture of glassware used in imitation jewellery
- manufacture of glass insulators and glass insulating fittings
- manufacture of glass envelopes for lamps
- manufacture of glass figurines
- manufacture of glass paving blocks
- manufacture of glass in rods or tubes

This type excludes:

- manufacture of optical elements optically worked (see 267000)
- manufacture of syringes and other medical laboratory equipment (see 325001)

232 Manufacture of refractory products

2320 Manufacture of refractory products

### 232000 Manufacture of refractory products

This type includes the manufacture of intermediate products from mined or quarried non-metallic minerals, such as sand, gravel, stone or clay.

This type includes:

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

This type also includes:

- manufacture of refractory articles containing magnesite, dolomite 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 artificial stone (e.g. cultured marble) (see 222300)
- manufacture of refractory ceramic products (see 232000)
- manufacture of ceramic bricks and roofing tiles (see 233200)

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 clay building materials:
  - manufacture of ceramic bricks, roofing tiles, chimney pots, pipes, conduits, etc.
- 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, such as 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 and other domestic or toilet articles
- manufacture of statuettes and other ornamental ceramic articles

This type excludes:

- manufacture of imitation jewellery (see 321300)

- manufacture of ceramic toys (see 324000)

## 2342 Manufacture of ceramic sanitary fixtures

### 234200 Manufacture of ceramic sanitary fixtures

This type includes:

- manufacture of ceramic sanitary fixtures, e.g. sinks, baths, bidets, water closet pans, etc.
- manufacture of other ceramic fixtures

This type excludes:

- manufacture of refractory ceramic goods (see 232000)
- manufacture of ceramic building materials (see 233)

## 2343 Manufacture of ceramic insulators and insulating fittings

### 234300 Manufacture of ceramic insulators and insulating fittings

This type includes:

- manufacture of electrical insulators and insulating fittings of ceramics

This type excludes:

- manufacture of refractory ceramic goods (see 232000)

## 2344 Manufacture of other technical ceramic products

### 234400 Manufacture of other technical ceramic products

This type includes:

- manufacture of ceramic and ferrite magnets
- manufacture of ceramic laboratory, chemical and industrial products

This type excludes:

- manufacture of artificial stone (e.g. cultured marble) (see 222300)
- manufacture of refractory ceramic goods (see 232000)
- manufacture of ceramic building materials (see 233)

## 2349 Manufacture of other ceramic products

### 234900 Manufacture of other ceramic products

This type includes:

- manufacture of ceramic pots, jars and similar articles of a kind used for conveyance or packing of goods
- manufacture of ceramic products n.e.c.

This type excludes:

- manufacture of ceramic sanitary fixtures (see 234200)
- manufacture of artificial teeth (see 325003)

## 235 Manufacture of cement, lime and plaster

### 2351 Manufacture of cement

#### 235100 Manufacture of cement

This type includes:

- manufacture of clinkers and hydraulic cements, including Portland, aluminous cement, slag cement and superphosphate cements

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 236900)

- manufacture of cements used in dentistry (see 325001)

## 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 calcined sulphate

This type also includes:

- manufacture of calcined dolomite

This type excludes:

- manufacture of articles of plaster (see 236200, 236900)

## 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, bricks, boards, sheets, panels, pipes, posts, etc.
- manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone

### 2362 Manufacture of plaster products for construction purposes

#### 236200 Manufacture of plaster products for construction purposes

This type includes:

- manufacture of plaster articles for use in construction:
  - boards, sheets, panels, etc.

### 2363 Manufacture of ready-mixed concrete

#### 236300 Manufacture of ready-mixed concrete

This type includes:

- manufacture of ready-mix and dry-mix concrete and mortars

This type excludes:

- manufacture of refractory cements (see 232000)

### 2364 Manufacture of mortars

#### 236400 Manufacture of mortars

This type includes:

- manufacture of powdered mortars

This type excludes:

- manufacture of refractory mortars (see 232000)
- manufacture of dry-mixed concrete and mortars (see 236300)

### 2365 Manufacture of fibre cement

#### 236500 Manufacture of fibre cement

This type includes:

- manufacture of building materials of vegetable substances (wood, wool, straw, reeds, rushes) agglomerated with cement, plaster or other mineral binder

- manufacture of articles of asbestos-cement or cellulose fibre-cement or the like:
- corrugated sheets, other sheets, panels, tiles, tubes, pipes, reservoirs, troughs, basins, sinks, jars, furniture, window frames, etc.

2369 Manufacture of other articles of concrete, plaster and cement

#### 236900 Manufacture of other articles of concrete, plaster and cement

This type includes:

- manufacture of other articles of concrete, plaster, cement or artificial stone:
- statuary, furniture, bas- and haut-reliefs, vases, flowerpots, etc.

237 Cutting, shaping and finishing of stone

2370 Cutting, shaping and finishing of stone

#### 237000 Cutting, shaping and finishing of stone

This type includes:

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

This type excludes:

- activities carried out by operators of quarries, e.g. production of rough cut stone (see 081100)
- production of millstones, abrasive stones and similar products (see 239100)

239 Manufacture of abrasive products and non-metallic mineral products n.e.c.

This group includes the manufacture of other non-metallic mineral products.

2391 Production of abrasive products

#### 239100 Production of abrasive products

This type includes:

- manufacture of millstones, sharpening or polishing stones and natural or artificial abrasive products on a support, including abrasive products on a soft base (e.g. sandpaper)

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

#### 239901 Manufacture of asphalt products

This type includes:

- manufacture of asphalt (mastic asphalt)
- manufacture of products made from asphalt or tar (plates, sheets or in strips)
- manufacture of tar products (mixtures, emulsions)
- manufacture of articles of asphalt or similar material, e.g. asphalt-based adhesives, coal tar pitch, etc.

#### 239902 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:
  - slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays and similar heat-insulating, sound-insulating or sound-absorbing materials
- manufacture of articles of diverse mineral substances:
  - worked mica and articles of mica, of peat (except briquets), of graphite (other than electrical articles), etc.
- 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 or scrap, using electrometallurgic and other process metallurgic 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 products such as plate, sheet, strip, bars, rods, wire or tubes, pipes and hollow profiles, and in molten form to make castings and other basic metal products.

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

This group includes activities such as direct reduction of iron ore, production of pig iron in molten or solid form, conversion of pig iron into steel, manufacture of ferroalloys and manufacture of steel products.

### **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:

- 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 steel in ingots or other primary forms
- production of semi-finished products of steel
- manufacture of hot-rolled and cold rolled flat-rolled products of steel
- manufacture of hot-rolled bars and rods of steel
- manufacture of hot-rolled open sections of steel
- manufacture of sheet piling of steel and welded open sections of steel
- manufacture of railway track materials (unassembled rails) of steel

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, such as 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 and solid sections of steel by cold drawing, grinding or turning

This type excludes:

- 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 rod

### 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 semi-products
- production of silver rolled onto base metals
- production of gold rolled onto base metals or silver
- production of platinum and platinum group metals rolled onto gold, silver or base metals

This type also includes:

- manufacture of wire of these metals by drawing
- manufacture of precious metal foil laminates

This type excludes:

- casting of non-ferrous metals (see 245300, 245400)
- manufacture of precious metal jewellery (see 321202)

## 2442 Aluminium production

### 244200 Aluminium production

This type includes:

- production of aluminium from alumina
- production of aluminium from electrolytic refining of aluminium waste and scrap
- production of aluminium alloys
- semi-manufacturing of aluminium

This type also includes:

- manufacture of wire of these metals by drawing
- production of aluminium oxide (alumina)
- production of aluminium wrapping foil
- manufacture of aluminium foil laminates made from aluminium foil as primary component

This type excludes:

- casting of non-ferrous metals (see 245300, 245400)

## 2443 Lead, zinc and tin production

### 244300 Lead, zinc and tin production

This type includes:

- production of lead, zinc and tin from ores
- production of lead, zinc and tin from electrolytic refining of lead, zinc and tin waste and scrap
- production of lead, zinc and tin alloys
- semi-manufacturing of lead, zinc and tin

This type also includes:

- manufacture of wire of these metals by drawing
- production of tin foil

This type excludes:

- casting of non-ferrous metals (see 245300, 245400)

## 2444 Copper production

### 244400 Copper production

This type includes:

- production of copper from ores
- production of copper from electrolytic refining of copper waste and scrap
- production of copper alloys
- manufacture of fuse wire or strip
- semi-manufacturing of copper

This type also includes:

- manufacture of wire of these metals by drawing

This type excludes:

- casting of non-ferrous metals (see 245300, 245400)

## 2445 Other non-ferrous metal production

### 244500 Other non-ferrous metal production

This type includes:

- production of chrome, manganese, nickel, etc. from ores or oxides
- production of chrome, manganese, nickel, etc. from electrolytic and aluminothermic refining of chrome, manganese, nickel, etc., waste and scrap
- production of alloys of chrome, manganese, nickel, etc.
- semi-manufacturing of chrome, manganese, nickel, etc.
- production of mattes of nickel

This type also includes:

- manufacture of wire of these metals by drawing

This type excludes:

- casting of non-ferrous metals (see 245300, 245400)

## 2446 Processing of nuclear fuel

### 244600 Processing of nuclear fuel

This type includes:

- production of uranium metal from pitchblende or other ores
- smelting and refining of uranium

## 245 Casting of metals

This group includes the manufacture of semi-finished products and various castings by a casting process.

This group excludes:

- manufacture of finished cast products such as:
  - boilers and radiators (see 2521)
  - cast household items (see 2599)

## 2451 Casting of iron

### 245100 Casting of iron

This type includes activities of iron foundries.

This type includes:

- casting of semi-finished iron products
- casting of grey iron castings
- casting of spheroidal graphite iron castings
- casting of malleable cast-iron products
- manufacture of tubes, pipes and hollow profiles and of tube or pipe fittings of cast-iron

## 2452 Casting of steel

### 245200 Casting of steel

This type includes activities of steel foundries.

This type includes:

- casting of semi-finished steel products
- casting of steel castings
- manufacture of seamless tubes and pipes of steel by centrifugal casting
- manufacture of tube or pipe fittings of cast-steel

2453 Casting of light metals

**245300 Casting of light metals**

This type includes:

- casting of semi-finished products of aluminium, magnesium, titanium, zinc, etc.
- casting of light metal castings

2454 Casting of other non-ferrous metals

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

This type includes:

- casting of heavy metal castings
- casting of precious metal castings
- die-casting of non-ferrous metal castings

**25 MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**

This division includes the manufacture of "pure" metal products (such as parts, containers and structures), usually with a static, immovable function, as opposed to the following divisions 26-30, 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.

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

This division excludes:

- specialised repair and maintenance activities (see group 331)
- specialised installation of manufactured goods produced in this division in buildings, such as central heating boilers (see 4322)

251 Manufacture of structural metal products

This group includes the manufacture of structural metal products (such as metal frameworks or parts for construction).

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, masts, trusses, bridges, etc.)
- manufacture of industrial frameworks in metal (frameworks for blast furnaces, lifting and handling equipment, etc.)
- manufacture of prefabricated buildings mainly of metal:
  - site huts, modular exhibition elements, etc.

This type excludes:

- manufacture of parts for marine or power boilers (see 253000)
- manufacture of assembled railway track fixtures (see 259900)
- manufacture of sections of ships (see 301100)

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, shutters and gates
- metal room partitions for floor attachment

252 Manufacture of tanks, reservoirs and containers of metal

This group includes the manufacture of tanks, central heating and boilers.

2521 Manufacture of central heating radiators and boilers

**252100 Manufacture of central heating radiators and boilers**

This type includes:

- manufacture of central heating boilers and radiators

This type excludes:

- manufacture of electrical ovens and water heaters (see 275100)

2529 Manufacture of other tanks, reservoirs and containers of metal

**252900 Manufacture of other tanks, reservoirs and containers of metal**

This type includes:

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

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 steam generators, except central heating hot water boilers

This group includes the manufacture of steam generators.

2530 Manufacture of steam generators, except central heating hot water boilers

**253000 Manufacture of steam generators, except central heating hot water boilers**

This type includes:

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

This type also includes:

- pipe system construction comprising further processing of tubes generally to make pressure pipes or pipe systems together with the associated design and construction work

This type excludes:

- manufacture of central heating hot-water boilers and radiators (see 252100)
- manufacture of boiler-turbine sets (see 281100)
- manufacture of isotope separators (see 289902)

254 Manufacture of weapons and ammunition

2540 Manufacture of weapons and ammunition

**254000 Manufacture of weapons and ammunition**

This type includes:

- manufacture of heavy weapons (artillery, mobile guns, rocket launchers, torpedo tubes, heavy machine guns)
- manufacture of small arms (revolvers, shotguns, light machine guns)
- manufacture of air or gas guns and pistols
- manufacture of war ammunition

This type also includes:

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

This type excludes:

- manufacture of percussion caps, detonators or signalling flares (see 205100)
- manufacture of cutlasses, swords, bayonets, etc. (see 257100)
- manufacture of armoured vehicles for the transport of banknotes or valuables (see 291000)
- manufacture of space vehicles (see 303000)
- manufacture of tanks and other fighting vehicles (see 304000)

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

This group includes general activities for the treatment of metal, such as forging or pressing, which are typically carried out on a fee or contract basis.

**2550 Forging, pressing, stamping and roll-forming of metal; powder metallurgy**

**255000 Forging, pressing, stamping and roll-forming of metal; powder metallurgy**

This type includes:

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

This type excludes:

- production of metal powder (see 241, 244)

**256 Treatment and coating of metals; machining**

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

**2561 Treatment and coating of metals**

**256100 Treatment and coating of metals**

This type includes:

- plating, anodizing, etc. of metals
- heat treatment of metals
- deburring, sandblasting, tumbling, cleaning of metals
- colouring, engraving of metals
- non-metallic coating of metals:
  - plastifying, enamelling, lacquering, etc.
- hardening, buffing of metals

This type excludes:

- activities of farriers (see 016200)
- printing onto metals (see 181204)
- metal coating of plastics (see 222900)
- rolling precious metals onto base metals or other metals (see 244100, 244200, 244300, 244400)

**2562 Machining**

This class includes:

- boring, turning, milling, eroding, planing, lapping, broaching, levelling, sawing, grinding, sharpening, polishing, welding, splicing, etc., of metalwork pieces
- cutting of and writing on metals by means of laser beams

**256201 Mechanical workshops**

This type includes:

- activities of mechanical workshops
- activities of mechanical workshops combined with activities of locksmiths
- activities of metal construction combined with activities of locksmiths

**256202 Locksmiths**

This type includes the activities of:

- locksmiths
- locksmiths combined with forge work
- locksmiths combined with tinplate
- metal sheet manufacturing

This type excludes:

- activities of door fitting and lock manufacturing (see 257200)
- activities of tinplate (flashing and guttering work) (see 439103)
- activities of locksmiths connected with plumbing (see 432202)
- activities of locksmiths connected with heating installations (see 432203)
- "while-you-wait" engraving services (see 952500)

## 256203 Forges

This type includes the activities of:

- forges
- blacksmiths, artistic blacksmiths

This type excludes the activities of:

- forge combined with sanitary installation (see 432202)
- farriers (see 016200)

## 257 Manufacture of cutlery, tools and general hardware

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

### 2571 Manufacture of cutlery

#### 257100 Manufacture of cutlery

This type includes:

- manufacture of domestic cutlery such as knives, forks, spoons, etc.
- manufacture of other articles of cutlery:
  - cleavers and choppers
  - razors and razor blades
  - scissors and hair clippers
- manufacture of cutlasses, swords, bayonets, etc.

This type excludes:

- 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)

### 2572 Manufacture of locks and hinges

#### 257200 Manufacture of locks and hinges

This type includes:

- manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles, etc.

### 2573 Manufacture of tools

#### 257300 Manufacture of tools

This type includes:

- manufacture of knives and cutting blades for machines or for mechanical appliances
- manufacture of hand tools such as pliers, screwdrivers, etc.
- manufacture of non-power-driven agricultural hand tools
- manufacture of saws and sawblades, including circular sawblades and chainsaw blades
- manufacture of interchangeable tools for hand tools, whether or not power-operated, or for machine tools: drills, punches, milling cutters, etc.
- manufacture of press tools
- manufacture of blacksmiths' tools: forges, anvils, etc.
- 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, such as cans and 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 pails, cans, drums, buckets, boxes

This type excludes:

- manufacture of tanks and reservoirs (see 252)

### 2592 Manufacture of light metal packaging

#### 259200 Manufacture of light metal packaging

This type includes:

- manufacture of tins and cans for food products, collapsible tubes and boxes
- manufacture of metallic closures

### 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: barbed wire, wire fencing, grill, netting, cloth, etc.
- coated electrodes for electric arc-welding
- manufacture of nails and pins
- manufacture of springs (except watch springs):
  - 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

**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 vacuum jugs and bottles
- 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 257100)
- manufacture of shopping carts (see 309900)
- manufacture of metal furniture (see 310100, 310200, 310900)
- 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, communications 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 miniaturization 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 media.

**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 electronic connectors
- manufacture of bare printed circuit boards
- 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
- manufacture of electronic crystals and crystal assemblies
- manufacture of solenoids, switches, and transducers for electronic applications
- manufacture of dice or wafers, semiconductor, finished or semi-finished
- manufacture of display components (plasma, polymer, LCD)
- manufacture of light emitting diodes (LED)

This type also includes:

- manufacture of printer cables, monitor cables, USB cables, connectors, etc.

This type excludes:

- printing of smart cards (see 1812)
- 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 electrical relays (see 271200)
- manufacture of electrical wiring devices (see 273300)
- manufacture of complete equipment is classified elsewhere based on complete equipment classification

## 2612 Manufacture of loaded electronic boards

### 261200 Manufacture of loaded electronic boards

This type includes:

- manufacture of loaded printed circuit boards
- loading of components onto printed circuit boards
- manufacture of interface cards (e.g. sound, video, controllers, network, modems)

This type excludes:

- printing of smart cards (see 1812)
- manufacture of bare printed circuit boards (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, such as mainframes, desktop computers, laptops and computer servers; and computer peripheral equipment, such as storage devices and input/output devices (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 the 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 main frame computers
- manufacture of hand-held computers (e.g. PDA)
- manufacture of magnetic disk drives, flash drives and other storage devices
- manufacture of optical (e.g. CD-RW, CD-ROM, DVD-ROM, DVD-RW) disk drives
- 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 bar code scanners
- manufacture of smart card readers
- manufacture of virtual reality helmets
- manufacture of computer projectors (video beamers)

This type also includes:

- manufacture of computer terminals, like automatic teller machines (ATM's), point-of-sale (POS) terminals, not mechanically operated
- manufacture of multi-function office equipment performing two or more of following functions: printing, scanning, copying, faxing

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 internal/external computer modems (see 261200)
- manufacture of interface cards, modules and assemblies (see 261200)
- manufacture of loaded electronic boards (see 261200)
- manufacture of modems, carrier equipment (see 263000)
- manufacture of digital communication switches, data communications equipment (e.g. bridges, routers, gateways) (see 263000)
- manufacture of consumer electronic devices, such as CD players and DVD 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 268000)

263      Manufacture of communication equipment

2630      Manufacture of communication equipment

**263000      Manufacture of communication equipment**

This type includes the manufacture of telephone and data communications equipment used to move signals electronically over wires or through the air such as radio and television broadcast and wireless communications 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 communications equipment, such as bridges, routers, and gateways
- manufacture of transmitting and receiving antenna
- manufacture of cable television equipment
- manufacture of pagers
- manufacture of cellular phones
- manufacture of mobile communication equipment
- manufacture of radio and television studio and broadcasting equipment, including television cameras
- manufacture of modems, carrier equipment
- manufacture of burglar and fire alarm systems, sending signals to a control station
- manufacture of radio and television transmitters
- manufacture of communication devices using infrared signal (e.g. remote controls)

This type excludes:

- manufacture of electronic components and subassemblies used in communications equipment, including internal/external computer modems (see 261)
- manufacture of loaded electronic boards (see 261200)
- manufacture of computers and computer peripheral equipment (see 262000)
- manufacture of consumer audio and video equipment (see 264000)
- manufacture of 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 cassette recorders and duplicating equipment
- manufacture of televisions
- manufacture of television monitors and displays
- manufacture of audio recording and duplicating systems
- 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 CD and DVD players
- manufacture of karaoke machines
- manufacture of headphones (e.g. radio, stereo, computer)
- manufacture of video game consoles

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 paging equipment (see 263000)
- manufacture of remote control devices (radio and infrared) (see 263000)
- manufacture of broadcast studio equipment such as 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 instruments and appliances for measuring, testing and navigation; watches and clocks

This group includes the manufacture of measuring, testing and navigating equipment for various industrial and non-industrial purposes, including time-based measuring devices such as 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 comprises manufacturing of search, detection, navigation, guidance, aeronautical, and nautical systems and instruments; automatic controls and regulators for applications, such as 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 (i.e., 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 or physical composition or concentration of samples of solid, fluid, gaseous, or composite material; 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 bimetal 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 GPS devices
- 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 other measuring and controlling devices, such as radiation detection equipment, polygraph machines, thermometers (except bimetal medical type), meteorological instruments

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 devices (other than laboratory balances), levels, tape measures, etc. (see 282900)
- manufacture of medical thermometers (see 325001)
- installation of industrial process control equipment (see 332000)
- manufacture of simple mechanical measuring tools (e.g. measuring tapes, callipers) (see manufacturing type according to main material used)

## 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, such as:
  - 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:
  - 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

## **265201      Manufacture and assembly of watches and clocks**

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 clock and watch fittings**

This type includes:

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

This type excludes:

- manufacture of non-metal watch bands (textile, 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 231900, 321201)

## **265205      Manufacture of other watch 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):
  - beta-, gamma, X-ray or other radiation equipment
- manufacture of CT scanners
- manufacture of 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 pacemakers
- manufacture of hearing aids

This type also includes:

- manufacture of food and milk irradiation equipment

This type excludes:

- manufacture of tanning beds (see 289902)

267 Manufacture of optical instruments and photographic equipment

2670 Manufacture of optical instruments and photographic equipment

**267000 Manufacture of optical instruments and photographic equipment**

This type includes the manufacture of optical instruments and lenses, such as binoculars, microscopes (except electron, proton), telescopes, prisms, and lenses (except ophthalmic); the coating or polishing lenses (except ophthalmic); the mounting lenses (except ophthalmic) and the manufacture of photographic equipment such as cameras and 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, range finders)
- manufacture of lenses, optical microscopes, binoculars and telescopes
- manufacture of laser assemblies

This type excludes:

- manufacture of computer projectors (see 262000)
- manufacture of commercial TV and video cameras (see 263000)
- manufacture of household-type video cameras (see 264000)
- manufacture of complete equipment using laser components, see manufacturing type by type of machinery (e.g. medical laser equipment (see 266000))
- manufacture of photocopy machinery (see 282300)
- manufacture of ophthalmic goods (see 325004)

268 Manufacture of magnetic and optical media

2680 Manufacture of magnetic and optical media

**268000 Manufacture of magnetic and optical media**

This type includes the manufacture of magnetic and optical recording media.

This type includes:

- manufacture of blank magnetic audio and video tapes
- manufacture of blank magnetic audio and video cassettes
- manufacture of blank diskettes
- manufacture of blank optical discs
- manufacture of hard drive media

This type excludes:

- reproduction of recorded media (computer media, sound, video, etc.) (see 182)

**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 comprises 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 manufacture of all electric motors and transformers: AC, DC and AC/DC.

This type includes:

- manufacture of electric motors (except internal combustion engine starting motors)
- manufacture of distribution transformers, electric
- manufacture of arc-welding transformers
- manufacture of fluorescent ballasts (i.e. transformers)
- manufacture of substation transformers for electric power distribution
- manufacture of transmission and distribution voltage regulators
- manufacture of power generators (except battery charging alternators for internal combustion engines)
- manufacture of motor generator sets (except turbine generator set units)
- rewinding of armatures on a factory basis

This type excludes:

- manufacture of electronic component-type transformers and switches (see 261100)
- manufacture of electric welding and soldering equipment (see 279000)
- manufacture of solid state inverters, rectifiers and converters (see 279000)
- manufacture of turbine-generator sets (see 281100)
- 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 pushbutton, snap, solenoid, tumbler)
- manufacture of prime mover generator sets

This type excludes:

- manufacture of environmental controls and industrial process control instruments (see 265100)
- manufacture of switches for electrical circuits, such as pushbutton 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 NiCad batteries
- manufacture of NiMH batteries
- manufacture of lithium batteries
- manufacture of dry cell batteries
- manufacture of wet cell batteries

## 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 cable for data transmission or live transmission of images

This type excludes:

- manufacture of glass fibres or strand (see 231400)
- manufacture of optical cable sets or assemblies with connectors or other attachments: see depending on application, e.g. (see 261100)

## 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 computer cables, printer cables, USB cables and similar cable sets or assemblies (see 261100)
- 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 GFCI (ground fault circuit interrupters)
- manufacture of lamp holders
- manufacture of lightning arrestors and coils
- manufacture of switches for electrical wiring (e.g. pressure, pushbutton, snap, tumbler switches)
- manufacture of electrical outlets and 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, face plates, and similar, plastic pole line fittings and switch covers

This type excludes:

- manufacture of ceramic insulators (see 234300)
- manufacture of electronic component-type connectors, sockets, and switches (see 261100)

274 Manufacture of electric lighting equipment

2740 Manufacture of electric lighting equipment

**274000 Manufacture of electric 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 fixtures and lighting fixture components (except current-carrying wiring devices).

This type includes:

- manufacture of discharge, incandescent, fluorescent, ultra-violet, infra-red, etc. lamps, fixtures and bulbs
- manufacture of ceiling lighting fixtures
- manufacture of chandeliers
- manufacture of table lamps (i.e. lighting fixture)
- manufacture of Christmas tree lighting sets
- 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 transportation equipment (e.g. for motor vehicles, aircraft, boats)

This type also includes:

- manufacture of non-electrical lighting equipment

This type excludes:

- manufacture of glassware and glass parts for lighting fixtures (see 231900)
- manufacture of 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 such as 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, such as dishwashers, water heaters, and 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 disposers
  - grinders, blenders, juice squeezers
  - tin openers
  - electric shavers, electric toothbrushes, and other electric personal care device
  - knife sharpeners
  - ventilating or recycling hoods
- manufacture of domestic electrothermic appliances:

- electric water heaters
- electric blankets
- electric dryers, combs, brushes, curlers
- electric smoothing irons
- space heaters and household-type fans, portable
- electric ovens
- microwave ovens
- cookers, hotplates
- toasters
- coffee or tea makers
- frying pans, roasters, grills, hoods
- electric heating resistors, etc.

This type excludes:

- manufacture of commercial and industrial refrigerators and freezers, room air-conditioners, attic fans, permanent mount space heaters, and 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 household-type sewing machines (see 289400)
- installation of central vacuum cleaning systems (see 432902)

## 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

## 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 solid state inverters, rectifying apparatus, fuel cells, regulated and unregulated power supplies
- manufacture of uninterruptible power supplies (UPS)
- manufacture of surge suppressors
- 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 such as traffic lights and pedestrian signalling equipment
- manufacture of electrical insulators (except glass or porcelain), base metal conduit and fittings
- manufacture of electrical welding and soldering equipment, including hand-held soldering irons

This type excludes:

- manufacture of porcelain electrical insulators (see 234300)
- manufacture of carbon and graphite fibres and products (except electrodes and electrical applications) (see 239902)
- 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 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-type appliances (see 275)
- manufacture of non-electrical welding and soldering equipment (see 282900)
- manufacture of carbon or graphite gaskets (see 282900)
- manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, voltage regulators (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 (such as 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 hand-held 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, i.e. machinery for exclusive use in NOGA industry or a small cluster of NOGA industries, and general-purpose machinery, i.e. machinery that is being used in a wide range of NOGA industries.

This division also includes other special-purpose machinery, not covered elsewhere in the classification, whether or not used in a manufacturing process, such as fairground amusement equipment, automatic bowling alley equipment, etc.

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 (divisions 29 and 30).

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 motor vehicle, aircraft and cycle propulsion engines:
  - marine engines
  - railway engines
- manufacture of pistons, piston rings, carburettors and such for all internal combustion engines, diesel engines, etc.
- 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
  - gas turbines, except turbojets or turbo propellers for aircraft propulsion
- manufacture of boiler-turbine sets
- manufacture of turbine-generator sets
- manufacture of engines for industrial application

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 electrical equipment and components of internal combustion engines (see 293100)
- manufacture of motor vehicle, aircraft or cycle propulsion engines (see 291000, 303000, 309100)
- manufacture of turbojets and turbo propellers (see 303000)

## 2812 Manufacture of fluid power equipment

### 281200 Manufacture of fluid power equipment

This type includes:

- manufacture of hydraulic and pneumatic components (including hydraulic pumps, hydraulic motors, hydraulic and pneumatic cylinders, hydraulic and pneumatic valves, hydraulic and pneumatic hose and fittings)
- manufacture of air preparation equipment for use in pneumatic systems
- manufacture of fluid power systems
- manufacture of hydraulic transmission equipment
- manufacture of hydrostatic transmissions

This type excludes:

- manufacture of compressors (see 281300)
- manufacture of pumps for non-hydraulic applications (see 281300)
- manufacture of valves for non-fluid power applications (see 281400)
- manufacture of mechanical 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 designed for fitting to internal combustion engines: oil, water and fuel pumps for motor vehicles, etc.

This type also includes:

- manufacture of hand pumps

This type excludes:

- manufacture of hydraulic and pneumatic equipment (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 sanitary taps and valves
- manufacture of heating taps and valves

This type excludes:

- manufacture of valves of unhardened vulcanised rubber, glass or of ceramic materials (see 221900, 231900 or 234400)
- manufacture of inlet and exhaust valves of internal combustion engines (see 281100)
- manufacture of hydraulic and pneumatic valves 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:
  - transmission shafts and cranks: camshafts, crankshafts, cranks, etc.

- bearing housings and plain shaft bearings
- manufacture of gears, gearing and gear boxes and other speed changers
- manufacture of clutches and shaft couplings
- manufacture of flywheels and pulleys
- manufacture of articulated link chain
- manufacture of power transmission chain

This type excludes:

- manufacture of other chain (see 259300)
- manufacture of hydraulic transmission equipment (see 281200)
- manufacture of hydrostatic transmissions (see 281200)
- manufacture of (electromagnetic) clutches (see 293100)
- manufacture of sub-assemblies of power transmission equipment identifiable as parts of vehicles or aircraft (see divisions 29 and 30)

## 282 Manufacture of other general-purpose machinery

### 2821 Manufacture of ovens, furnaces and furnace burners

#### 282100 Manufacture of ovens, furnaces and furnace burners

This type includes:

- manufacture of electrical and other industrial and laboratory furnaces and ovens, including incinerators
- manufacture of burners
- manufacture of permanent mount electric space heaters, electric swimming pool heaters
- manufacture of permanent mount non-electric household heating equipment, such as solar heating, steam heating, oil heat and similar furnaces and heating equipment
- manufacture of electric household-type furnaces (electric forced air furnaces, heat pumps, etc.), non-electric household forced air furnaces

This type also includes:

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

This type excludes:

- manufacture of household ovens (see 275100)
- manufacture of agricultural dryers (see 289300)
- manufacture of bakery ovens (see 289300)
- manufacture of dryers for wood, paper pulp, paper or paperboard (see 289902)
- manufacture of medical, surgical or laboratory sterilisers (see 325001)
- manufacture of (dental) laboratory furnaces (see 325001)

## 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:
  - pulley tackle and hoists, winches, capstans and jacks
  - derricks, cranes, mobile lifting frames, straddle carriers, etc.
  - works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories (including hand trucks and wheelbarrows)
  - mechanical manipulators and industrial robots specifically designed for lifting, handling, loading or unloading
- manufacture of conveyors, cable cars, etc.
- manufacture of lifts, escalators and moving walkways
- manufacture of parts specialised for lifting and handling equipment

This type excludes:

- manufacture of industrial robots for multiple uses (see 289902)
- manufacture of continuous-action elevators and conveyors for underground use (see 289200)
- manufacture of mechanical shovels, excavators and shovel loaders (see 289200)
- manufacture of floating cranes, railway cranes, crane-lorries (see 301100, 302000)
- installation of lifts and elevators (see 432902)

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 adding machines, cash registers
- manufacture of calculators, electronic or not
- manufacture of postage meters, mail handling machines (envelope stuffing, sealing and addressing machinery; opening, sorting, scanning), collating machinery
- manufacture of typewriters
- manufacture of stenography machines
- manufacture of office-type binding equipment (i.e. plastic or tape binding)
- manufacture of cheque writing machines
- manufacture of coin counting and coin wrapping machinery
- manufacture of pencil sharpeners
- manufacture of staplers and staple removers
- manufacture of voting machines
- manufacture of tape dispensers
- manufacture of hole punches
- manufacture of cash registers, mechanically operated
- manufacture of photocopy machines
- manufacture of toner cartridges
- manufacture of blackboards; white boards and marker boards
- manufacture of dictating machines

This type excludes:

- 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, such as:
  - circular or reciprocating saws
  - chain saws
  - drills and hammer drills
  - hand held 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 interchangeable tools for hand tools (see 257300)
- manufacture of electrical hand held soldering and welding equipment (see 279000)

2825 Manufacture of non-domestic cooling and ventilation equipment

**282500 Manufacture of non-domestic cooling and ventilation equipment**

This type includes:

- manufacture of refrigerating or freezing industrial equipment, including assemblies of components
- manufacture of air-conditioning machines, including for motor vehicles



- manufacture of non-domestic fans
- manufacture of heat exchangers, heat pumps
- manufacture of machinery for liquefying air or gas
- manufacture of attic ventilation fans (gable fans, roof ventilators, etc.)

This type excludes:

- manufacture of domestic refrigerating or freezing equipment (see 275100)
- manufacture of domestic fans (see 275100)

## 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):
  - household and shop scales, platform scales, scales for continuous weighing, weighbridges, weights, etc.
- manufacture of filtering or purifying machinery and apparatus for liquids
- manufacture of equipment for projecting, dispersing or spraying liquids or powders:
  - spray guns, fire extinguishers, sandblasting machines, steam cleaning machines, etc.
- manufacture of packing and wrapping machinery:
  - filling, closing, sealing, capsuling or labelling machines, etc.
- manufacture of machinery for cleaning or drying bottles and for aerating beverages
- manufacture of distilling or rectifying plant for petroleum refineries, chemical industries, beverage industries, etc.
- manufacture of gas generators
- manufacture of calendaring or other rolling machines and cylinders thereof (except for metal and glass)
- manufacture of centrifuges (except cream separators and clothes dryers)
- manufacture of gaskets and similar joints made of a combination of materials or layers of the same material
- manufacture of automatic goods vending machines
- manufacture of levels, tape measures and similar hand tools, machinists' precision tools (except optical)
- manufacture of non-electrical welding and soldering equipment
- manufacture of cooling towers and similar for direct cooling by means of re-circulated water

This type excludes:

- 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 spraying machinery (see 283000)
- manufacture of metal or glass rolling machinery and cylinders thereof (see 289100, 289902)
- manufacture of agricultural dryers (see 289300)
- manufacture of machinery for filtering or purifying food (see 289300)
- manufacture of cream separators (see 289300)
- manufacture of commercial clothes dryers (see 289400)
- manufacture of textile printing machinery (see 289400)

## 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 tractors used in agriculture and forestry
- manufacture of walking (pedestrian-controlled) tractors
- manufacture of mowers, including lawnmowers
- manufacture of agricultural self-loading or self-unloading trailers or semi-trailers
- manufacture of agricultural machinery for soil preparation, planting or fertilising:
  - ploughs, manure spreaders, seeders, harrows, etc.
- manufacture of harvesting or threshing machinery:

- harvesters, threshers, sorters, etc.
- manufacture of milking machines
- manufacture of spraying machinery for agricultural use
- manufacture of diverse agricultural machinery:
- poultry-keeping machinery, bee-keeping machinery, equipment for preparing fodder, etc.
- machines for cleaning, sorting or grading eggs, fruit, etc.

This type excludes:

- manufacture of non-power-driven agricultural hand tools (see 257300)
- manufacture of conveyors for farm use (see 282200)
- manufacture of power-driven hand tools (see 282400)
- 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 road trailers or semi-trailers (see 292000)

## 284 Manufacture of metal forming machinery and machine tools

This group includes the manufacture of metal forming machinery and machine tools, e.g. manufacture of machine tools for working metals and other materials (wood, bone, stone, hard rubber, hard plastics, cold glass, etc.), including those using a laser beam, ultrasonic waves, plasma arc, magnetic pulse, etc.

## 2841 Manufacture of metal forming machinery

### 284100 Manufacture of metal forming machinery

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, milling, shaping, planning, boring, grinding, etc.
- manufacture of stamping or pressing machine tools
- manufacture of punch presses, hydraulic presses, hydraulic brakes, drop hammers, forging machines, etc.
- manufacture of draw-benches, thread rollers or machines for working wires

This type excludes:

- manufacture of interchangeable tools for hand tools (see 257300)
- manufacture of welding and soldering machines (see 279000)

## 2849 Manufacture of other machine tools

### 284900 Manufacture of other machine tools

This type includes:

- manufacture of machine tools for working wood, bone, stone, hard rubber, hard plastics, cold glass, etc., including those using a laser beam, ultrasonic waves, plasma arc, magnetic pulse, etc.
- manufacture of 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 plastics, etc.
- manufacture of stationary rotary or rotary percussion drills, filing machines, riveters, sheet metal cutters, etc.
- manufacture of presses for the manufacture of particle board and the like
- manufacture of electroplating machinery

This type also includes:

- manufacture of parts and accessories for the machine tools listed

This type excludes:

- manufacture of interchangeable tools for machine tools (drills, punches, dies, taps, milling cutters, turning tools, saw blades, cutting knives, etc.) (see 257300)
- manufacture of electric hand held soldering irons and soldering guns (see 279000)
- manufacture of power-driven hand tools (see 282400)
- manufacture of machinery used in metal mills or foundries (see 289100)

- manufacture of machinery for mining and quarrying (see 289200)

## 289 Manufacture of other special-purpose machinery

This group includes the manufacture of special-purpose machinery, i.e. machinery for exclusive use in a NOGA industry or a small cluster of NOGA industries. While most of these are used in other manufacturing processes, such as food manufacturing or textile manufacturing, this group also includes the manufacture of machinery specific for other (non-manufacturing industries), such as aircraft launching gear or amusement park equipment.

## 2891 Manufacture of machinery for metallurgy

### 289100 Manufacture of machinery for metallurgy

This type includes:

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

This type excludes:

- manufacture of draw-benches (see 284100)
- manufacture of moulding boxes and moulds (except ingot moulds) (see 257300)
- manufacture of machines for forming foundry moulds (see 289902)

## 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 underground use
- manufacture of boring, cutting, sinking and tunnelling machinery (whether or not for underground use)
- manufacture of machinery for treating minerals by screening, sorting, separating, washing, crushing, etc.
- manufacture of concrete and mortar mixers
- manufacture of earth-moving machinery:
  - bulldozers, angle-doers, graders, scrapers, levellers, mechanical shovels, shovel loaders, etc.
- manufacture of pile drivers and pile extractors, mortar spreaders, bitumen spreaders, concrete surfacing machinery, etc.
- manufacture of track laying tractors and tractors used in construction or mining
- manufacture of bulldozer and angle-dozer blades
- manufacture of off-road dumping trucks

This type excludes:

- manufacture of lifting and handling equipment (see 282200)
- manufacture of other tractors (see 283000, 291000)
- manufacture of machine tools for working stone, including machines for splitting or clearing stone (see 284900)
- manufacture of concrete-mixer lorries (see 291000)

## 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 agricultural dryers
- manufacture of machinery for the dairy industry:
  - cream separators
  - milk processing machinery (e.g. homogenisers)
  - milk converting machinery (e.g. butter chums, butter workers and moulding machines)
  - cheese-making machines (e.g. homogenizers, moulders, presses), etc.
- manufacture of machinery for the grain milling industry:
  - machinery to clean, sort or grade seeds, grain or dried leguminous vegetables (winnowers, sieving belts, separators, grain brushing machines, etc.)

- machinery to produce flour and meal, etc. (grinding mills, feeders, sifters, bran cleaners, blenders, rice hullers, pea splitters)
- manufacture of presses, crushers, etc. used to make wine, cider, fruit juices, etc.
- manufacture of machinery for the bakery industry or for making macaroni, spaghetti or similar products:
  - bakery ovens, dough mixers, dough-dividers, moulders, slicers, cake depositing machines, etc.
- manufacture of machines and equipment to process diverse foods:
  - machinery to make confectionery, cocoa or chocolate; to manufacture sugar; for breweries; to process meat or poultry, to prepare fruit, nuts or vegetables; to prepare fish, shellfish or other seafood
  - machinery for filtering and purifying
  - other machinery for the industrial preparation or manufacture of food or drink
- manufacture of machinery for the extraction or preparation of animal or vegetable fats or oils
- manufacture of machinery for the preparation of tobacco and for the making of cigarettes or cigars, or for pipe or chewing tobacco or snuff
- manufacture of machinery for the preparation of food in hotels and restaurants

This 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, fruit 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:
  - machines for preparing, producing, extruding, drawing, texturing or cutting man-made textile fibres, materials or yarns
  - machines for preparing textile fibres: cotton gins, bale breakers, garnetters, cotton spreaders, wool scouters, wool carbonisers, combs, carders, roving frames, etc.
  - spinning machines
  - machines for preparing textile yarns: reelers, warpers and related machines
  - weaving machines (looms), including hand looms
  - knitting machines
  - machines for making knotted net, tulle, lace, braid, etc.
- manufacture of auxiliary machines or equipment for textile machinery:
  - dobbies, jacquards, automatic stop motions, shuttle changing mechanisms, spindles and spindle flyers, etc.
- manufacture of textile printing machinery
- manufacture of machinery for fabric processing:
  - machinery for washing, bleaching, dyeing, dressing, finishing, coating or impregnating textile fabrics
  - manufacture of machines for reeling, unreeling, folding, cutting or pinking textile fabrics
- manufacture of laundry machinery:
  - ironing machines, including fusing presses
  - commercial washing and drying machines
  - dry-cleaning machines
- manufacture of sewing machines, sewing machine heads and sewing machine needles (whether or not for household use)
- manufacture of machines for producing or finishing felt or non-wovens
- manufacture of leather machines:
  - machinery for preparing, tanning or working hides, skins or leather
  - machinery for making or repairing footwear or other articles of hides, skins, leather or fur skins

This type excludes:

- manufacture of paper or paperboard cards for use on Jacquard machines (see 172900)
- manufacture of domestic washing and drying machines (see 275100)
- manufacture of calendaring machines (see 282900)
- manufacture of machines used in bookbinding (see 289901)

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 machinery
- manufacture of machinery producing articles of paper or paperboard

2896 Manufacture of plastic and rubber machinery

**289600 Manufacture of plastic 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

2899 Manufacture of other special-purpose machinery n.e.c.

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

**289901 Manufacture of machines for the printing industry**

This type includes:

- manufacture of printing and bookbinding machines and machines for activities supporting printing on a variety of materials:
  - sheet and roll-fed relief, offset, diazo, screen, Flexo and aniline printing machines
  - machines for printing newspapers, prospectuses, forms, packaging
  - machines for paper, cardboard, plastic or aluminium foil coating
- manufacture of pre-press and reproduction machines

This type excludes:

- manufacture of photocopy machines etc (see 282300)

**289902 Other manufacture of special purpose machinery n.e.c.**

This type includes:

- manufacture of dryers for wood, paper pulp, paper or paperboard (except for agricultural products and textiles)
- manufacture of machinery for producing tiles, bricks, shaped ceramic pastes, pipes, graphite electrodes, blackboard chalk, etc.
- manufacture of semi-conductor manufacturing machinery
- manufacture of industrial robots performing multiple tasks for special purposes
- manufacture of diverse special machinery and equipment:
  - machines to assemble electric or electronic lamps, tubes (valves) or bulbs
  - machines for production or hot-working of glass or glassware, glass fibre or yarn
  - machinery or apparatus for isotopic separation
- manufacture of 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 tanning beds
- manufacture of automatic bowling alley equipment (e.g. pin-setters)
- manufacture of roundabouts, swings, shooting galleries and other fairground amusements

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 284900)
- manufacture of ingot moulds (see 289100)

**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 maintenance and repair of vehicles produced in this division are classified in 4520.

291 Manufacture of motor vehicles

2910 Manufacture of motor vehicles

291000	Manufacture of motor vehicles
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This type includes:

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

This type also includes:

- factory rebuilding of motor vehicle engines

This type excludes:

- manufacture of electric motors (except starting motors) (see 271100)
- manufacture of lighting equipment for motor vehicles (see 274000)
- manufacture of pistons, piston rings and carburettors (see 281100)
- manufacture of agricultural tractors (see 283000)
- manufacture of tractors used in construction or mining (see 289200)
- manufacture of off-road dumping trucks (see 289200)
- manufacture of bodies for motor 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)
- maintenance, repair and alteration of motor vehicles (see 4520)

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

2920 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers

292000	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
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This type includes:

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

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 parts and accessories for motor vehicles
- 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, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.

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

This type excludes:

- manufacture of tyres (see 221100)
- manufacture of rubber hoses and belts and other rubber products (see 221900)
- manufacture of pistons, piston rings and carburettors (see 281100)
- maintenance, repair and alteration of motor vehicles (see 4520)

**30 MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**

This division includes the manufacture of transportation equipment such as ship building and boat manufacturing, the manufacture of railway rolling stock and locomotives, air and spacecraft and the manufacture of parts thereof.

- 301 Building of ships and boats

This group includes the building of ships, boats and other floating structures for transportation and other commercial purposes, as well as for sports and recreational purposes.

- 3011 Building of ships and floating structures

**301100 Building of ships and floating structures**

This type includes the building of ships and boats, except vessels for sports or recreation, and construction of floating structures.

This type includes:

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

This type also includes:

- building of hovercraft (except recreation-type hovercraft)
- construction of drilling platforms, floating or submersible
- construction of floating structures:
  - floating docks, pontoons, coffer-dams, floating landing stages, buoys, floating tanks, barges, lighters, floating cranes, non-recreational inflatable rafts, etc.
- manufacture of sections for ships and floating structures

This type excludes:

- manufacture of parts of vessels, other than major hull assemblies:
  - manufacture of sails (see 139203)
  - 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)
- manufacture of amphibious motor vehicles (see 291000)
- manufacture of inflatable boats or rafts for recreation (see 301200)
- specialised repair and maintenance of ships and floating structures (see 331500)
- ship-breaking (see 383100)
- interior installation 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
- building of sailboats with or without auxiliary motor
- building of motor boats
- building of recreation-type hovercraft
- manufacture of personal watercraft
- manufacture of other pleasure and sporting boats:
  - canoes, kayaks, rowing boats, skiffs

This type excludes:

- manufacture of parts of pleasure and sporting boats:
  - manufacture of sails (see 139203)
  - manufacture of iron or steel anchors (see 259900)
  - manufacture of marine engines (see 281100)
- manufacture of sailboards and surfboards (see 323000)
- maintenance and repair of pleasure boats (see 331500)

## 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, maintenance or service vehicles
- manufacture of railway or tramway rolling stock, not self-propelled:
  - passenger coaches, goods vans, tank wagons, self-discharging vans and wagons, workshop vans, crane vans, tenders, etc.
- manufacture of specialised parts of railway or tramway locomotives or of rolling stock:
  - bogies, axles and wheels, brakes and parts of brakes; hooks and coupling devices, buffers and buffer parts; shock absorbers; wagon and locomotive frames; bodies; corridor connections, etc.

This type also includes:

- manufacture of mining locomotives and mining rail cars
- manufacture of mechanical and electromechanical signalling, safety and traffic control equipment for railways, tramways, inland waterways, roads, parking facilities, airfields, etc.
- manufacture of railway car seats

This type excludes:

- manufacture of unassembled rails (see 241000)
- manufacture of assembled railway track fixtures (see 259900)
- manufacture of electric motors (see 271100)
- manufacture of electrical signalling, safety or traffic-control equipment (see 279000)



- manufacture of engines and turbines (see 281100)

303      Manufacture of air and spacecraft and related machinery

3030      Manufacture of air and spacecraft and related machinery

**303000      Manufacture of air and spacecraft and related machinery**

This type includes:

- manufacture of airplanes for the transport of goods or passengers, for use by the defence forces, for sport or other purposes
- manufacture of helicopters
- manufacture of gliders, hang-gliders
- manufacture of dirigibles and hot air balloons
- manufacture of parts and accessories of the aircraft of this type:
  - major assemblies such as fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles, etc.
  - airscrews, helicopter rotors and propelled rotor blades
  - motors and engines of a kind typically found on aircraft
  - parts of turbojets and turbopropellers for aircraft
- manufacture of ground flying trainers
- manufacture of spacecraft and launch vehicles, satellites, planetary probes, orbital stations, shuttles
- manufacture of intercontinental ballistic missiles (ICBM)

This type also includes:

- overhaul and conversion of aircraft or aircraft engines
- manufacture of aircraft seats

This type excludes:

- manufacture of parachutes (see 139203)
- manufacture of military ordinance and ammunition (see 254000)
- 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 ignition parts and other electrical parts for internal combustion engines (see 279000)
- manufacture of pistons, piston rings and carburettors (see 281100)
- manufacture of aircraft launching gear, aircraft carrier catapults and related equipment (see 289902)

304      Manufacture of military fighting vehicles

3040      Manufacture of military fighting vehicles

**304000      Manufacture of military fighting vehicles**

This type includes:

- manufacture of tanks
- manufacture of armoured amphibious military vehicles
- manufacture of other military fighting vehicles

This type excludes:

- manufacture of weapons and ammunitions (see 254000)

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

- manufacture of sidecars
- manufacture of parts and accessories for motorcycles

This type excludes:

- manufacture of bicycles (see 309201)
- manufacture of invalid carriages (see 309202)

## 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
- manufacture of baby carriages

This type excludes:

- manufacture of bicycles with auxiliary motor (see 309100)
- manufacture of wheeled toys designed to be ridden, including plastic bicycles and tricycles (see 324000)

### 309202 Manufacture of vehicles for the disabled

This type includes:

- manufacture of motorised or non-motorised wheelchairs
- manufacture of wheelchair parts and accessories

## 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: luggage trucks, handcarts, sledges, shopping carts, etc.
- manufacture of vehicles drawn by animals: sulkies, donkey-carts, hearses, etc.

This type excludes:

- works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories (including hand trucks and wheelbarrows) (see 282200)
- decorative restaurant carts, such as a dessert cart, food wagons (see 310100)

## 31 MANUFACTURE OF FURNITURE

This division includes the manufacture of furniture and related products of any material except stone, concrete and ceramic. 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 (Manufacture of wood and wood products). However, the multiple processes distinguish wood furniture manufacturing from wood product manufacturing. Similarly, metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in division 25 (Manufacture of fabricated metal products). The moulding process for plastics furniture is similar to the moulding of other plastics products. However, the manufacture of plastics furniture tends to be a specialised activity.

310 Manufacture of furniture

3101 Manufacture of office and shop furniture

**310100 Manufacture of office and shop furniture (installation not included)**

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

This type includes:

- manufacture of chairs and seats for offices, workrooms, hotels, restaurants and public premises
- manufacture of chairs and seats for theatres, cinemas and the like
- 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:

- decorative restaurant carts, such as a desert cart, food wagons

This type excludes:

- blackboards (see 282300)
- manufacture of car seats (see 293200)
- manufacture of railway car seats (see 302000)
- manufacture of aircraft seats (see 303000)
- manufacture of medical, surgical, dental or veterinary furniture (see 325001)
- modular furniture attachment and installation, partition installation, laboratory equipment furniture installation (see 433200)

3102 Manufacture of kitchen furniture

**310200 Manufacture of kitchen furniture and bathroom furniture (installation not included)**

This type includes:

- manufacture of kitchen furniture
- manufacture of bathroom furniture

3103 Manufacture of mattresses

**310300 Manufacture of mattresses**

This type includes:

- manufacture of mattresses:
  - mattresses fitted with springs or stuffed or internally fitted with a supporting material
  - uncovered cellular rubber or plastic mattresses
- manufacture of mattress supports

This type excludes:

- manufacture of inflatable rubber mattresses (see 221900)
- manufacture of rubber waterbed mattresses (see 221900)

3109 Manufacture of other furniture

**310900 Manufacture of other furniture**

This type includes:

- 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 such as upholstery of chairs and seats

- finishing of furniture such as spraying, painting, French polishing and upholstering

This type excludes:

- manufacture of pillows, pouffes, cushions, quilts and eiderdowns (see 139202)
- manufacture of furniture of ceramics, concrete and stone (see 234200, 236900, 237000)
- manufacture of lighting fittings or lamps (see 274000)
- manufacture of car seats (see 293200)
- manufacture of railway car seats (see 302000)
- manufacture of aircraft seats (see 303000)
- 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 Working of precious and decorative 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, gold and silversmith work n.e.c.

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:
  - dinnerware, flatware, hollowware, toilet articles, office or desk articles, articles for religious use, etc.
- manufacture of technical or laboratory articles of precious metal (except instruments and parts thereof):
  - crucibles, spatulas, electroplating anodes, etc.
- 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-metal watch bands (fabric, leather, plastic, etc.) (see 151200)
- manufacture of articles of base metal plated with precious metal (except imitation jewellery) (see division 25)
- manufacture of watch cases (see 265204)
- manufacture of (non-precious) metal watch bands (see 321300)
- manufacture of costume and imitation jewellery (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:
  - rings, bracelets, necklaces, and similar articles of jewellery made from base metals plated with precious metals
  - jewellery containing imitation stones such as imitation gems stones, 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 stringed instruments
- manufacture of keyboard stringed instruments, including automatic pianos
- manufacture of keyboard pipe organs, including harmoniums and similar keyboard instruments with free metal reeds
- manufacture of accordions and similar instruments, including mouth organs
- manufacture of wind instruments
- manufacture of percussion musical instruments
- manufacture of musical instruments, the sound of which is produced electronically
- manufacture of musical boxes, fairground organs, calliopes, etc.
- manufacture of instrument parts and accessories:
  - metronomes, tuning forks, pitch pipes, cards, discs and rolls for automatic mechanical instruments, etc.

This type also includes:

- manufacture of whistles, call horns and other mouth-blown sound signalling instruments

This type excludes:

- reproduction of pre-recorded sound and video tapes and discs (see 182000)
- manufacture of microphones, amplifiers, loudspeakers, headphones and similar components (see 264000)
- manufacture of record players, tape recorders and the like (see 264000)
- manufacture of toy musical instruments (see 324000)
- restoring of organs and other historic musical instruments (see 331900)
- publishing of pre-recorded sound and video tapes and discs (see 592000)
- 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:
  - hard, soft and inflatable balls
  - rackets, bats and clubs
  - skis, bindings and poles
  - ski-boots
  - sailboards and surfboards

- requisites for sport fishing, including landing nets
- requisites for hunting, mountain climbing, etc.
- leather sports gloves and sports headgear
- basins for swimming and paddling pools, etc.
- ice skates, roller skates, etc.
- bows and crossbows
- gymnasium, fitness centre or athletic equipment

This type excludes:

- manufacture of boat sails (see 139203)
- manufacture of sports apparel (see 1413)
- manufacture of saddlery and harness (see 151200)
- manufacture of whips and riding crops (see 151200)
- manufacture of sports footwear (see 152000)
- manufacture of sporting weapons and ammunition (see 254000)
- manufacture of metal weights as used for weightlifting (see 259900)
- manufacture of sports vehicles other than toboggans and the like (see divisions 29 and 30)
- manufacture of boats (see 301200)
- manufacture of billiard tables (see 324000)
- manufacture of ear and noise plugs (e.g. for swimming and noise protection) (see 329900)
- repair of sporting 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 toy musical instruments
- manufacture of playing cards
- manufacture of board games and similar games
- manufacture of electronic games: chess, etc.
- manufacture of reduced-size ("scale") models and similar recreational models, electrical trains, construction sets, etc.
- manufacture of coin-operated games, billiards, special tables for casino games, etc.
- manufacture of articles for funfair, table or parlour games
- manufacture of wheeled toys designed to be ridden, including plastic bicycles and tricycles
- manufacture of puzzles and similar articles

This type excludes:

- manufacture of video game consoles (see 264000)
- 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, 620100)

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. Included is the manufacture of medical, dental and similar furniture, where the additional specific functions determine the purpose of the product, such as dentist's chairs with built-in hydraulic functions.

325001 Manufacture of medical and dental instruments and supplies

This type includes:

- manufacture of surgical drapes and sterile string and 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, such as:
  - operating tables
  - examination tables
  - hospital beds with mechanical fittings
  - dentists' chairs
- 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

This type excludes:

- manufacture of medical impregnated wadding, dressings, etc. (see 212000)
- manufacture of electromedical and electrotherapeutic equipment (see 266000)

### 325002 Manufacture of orthopaedic and prosthetic devices

This type includes:

- manufacture of orthopaedic and prosthetic devices
- manufacture of glass eyes

This type excludes:

- manufacture of wheelchairs (see 309202)

### 325003 Dental laboratories

This type includes:

- manufacture of artificial teeth, bridges, etc., made in dental labs

This type excludes:

- manufacture of denture adhesives (see 204200)

### 325004 Manufacture of eyeglasses

This type includes:

- manufacture of spectacle lenses and contact lenses
- manufacture of spectacle frames and frames fitted with lenses ground to prescription or not:
  - sunglasses, safety goggles, eyeglasses, etc.

This type excludes:

- activities of opticians (see 477802)

## 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, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather dusters, paint brushes, paint pads and rollers, squeegees and other brushes, brooms, mops, etc.
- manufacture of shoe and clothes brushes

## 329900

## Other manufacturing n.e.c.

This type includes:

- manufacture of protective safety equipment
- manufacture of fire-resistant and protective safety clothing
- manufacture of linemen's safety belts and other belts for occupational use
- manufacture of cork life preservers
- manufacture of plastics hard hats and other personal safety equipment of plastics (e.g. athletic helmets)
- manufacture of fire-fighting protection suits
- manufacture of metal safety headgear and other metal personal safety devices
- manufacture of ear and noise plugs (e.g. for swimming and noise protection)
- manufacture of gas masks
- 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 cigarette lighters
- manufacture of articles of personal use: smoking pipes, combs, hair slides, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows
- manufacture of miscellaneous articles: candles, tapers and the like; artificial flowers, fruit and foliage; jokes and novelties; hand sieves and hand riddles; tailors' dummies; burial coffins, etc.
- manufacture of floral baskets, bouquets, wreaths and similar articles
- taxidermy activities

This type excludes:

- manufacture of lighter wicks (see 139600)
- manufacture of workwear and service apparel (e.g. laboratory coats, work overalls, uniforms) (see 141200)
- manufacture of paper novelties (see 172900)

## 33

**REPAIR 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 (i.e. servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

This division does only include specialised repair and maintenance activities. A substantial amount of repair is also done by manufacturers of machinery, equipment and other goods, in which case the classification of units engaged in these repair and manufacturing activities is done 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 remanufacturing of machinery and equipment is considered a manufacturing activity and included in other divisions of this section.

Repair and maintenance of goods that are utilised 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)).

Also included in this division is the specialised installation of machinery. However, the installation of equipment that forms an integral part of buildings or similar structures, such as installation of electrical wiring, installation of escalators or installation of air-conditioning systems, is classified as construction.

This division excludes:

- cleaning of industrial machinery (see 812202)
- repair and maintenance of computers and communications equipment (see 951)
- repair and maintenance of household goods (see 952)



## 331 Repair 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 (i.e. servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

This group excludes:

- rebuilding or remanufacturing of machinery and equipment (see corresponding class in divisions 25-30)
- cleaning of industrial machinery (see 8122)
- repair and maintenance of computers and communications equipment (see 951)
- repair and maintenance of household goods (see 952)

## 3311 Repair of fabricated metal products

### 331100 Repair of fabricated metal products

This type includes 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
- platework repair of central heating boilers and radiators
- repair and maintenance of firearms and ordnance (including repair of sporting and recreational guns)
- repair and maintenance of shopping carts

This type excludes:

- sharpening of blades and saws (see 331200)
- repair of central heating systems, etc. (see 4322)
- repair of mechanical locking devices, safes, etc. (see 802000)

## 3312 Repair of machinery

### 331200 Repair of machinery

This type includes the repair and maintenance of industrial machinery and equipment like sharpening or installing commercial and industrial machinery blades and saws; the provision of welding (e.g. automotive, general) repair services; the repair of agricultural and other heavy and industrial machinery and equipment (e.g. 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 non-motor vehicle 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, including lifts, elevators and moving walkways
- 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 tractors
- repair and maintenance of agricultural machinery and forestry and logging machinery

- repair and maintenance of metallurgy machinery
- repair and maintenance of mining, construction, and oil and gas field machinery
- 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:

- installation of furnaces and other heating equipment (see 432203, 432204)
- installation, repair and maintenance of elevators and escalators (see 432902)
- repair of computers (see 951100)

### 3313 Repair of electronic and optical equipment

#### 331300 Repair of electronic and optical equipment

This type includes 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, such as:
  - 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, such as:
  - magnetic resonance imaging 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, such as:
  - 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 951100)
- repair of and maintenance computer projectors (see 951100)
- repair and maintenance of communication equipment (see 951200)
- repair and maintenance of commercial TV and video cameras (see 951200)
- repair of household-type video cameras (see 952100)
- repair of watches and clocks (see 952500)

## 3314 Repair of electrical equipment

### 331400 Repair of electrical equipment

This type includes the repair and maintenance of goods of division 27, except those in group 275 (domestic appliances).

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 excludes:

- repair and maintenance of computers and peripheral computer equipment (see 951100)
- repair and maintenance of telecommunications equipment (see 951200)
- repair and maintenance of consumer electronics (see 952100)
- repair of watches and clocks (see 952500)

## 3315 Repair and maintenance of ships and boats

### 331500 Repair and maintenance of ships and boats

This type includes the repair and maintenance of ships and boats. However, the factory rebuilding or overhaul of ships is classified in division 30.

This type includes:

- repair and routine maintenance of ships
- repair and maintenance of pleasure boats

This type excludes:

- factory conversion of ships (see 301)
- repair of ship and boat engines (see 331200)
- ship scrapping, dismantling (see 383100)

## 3316 Repair and maintenance of aircraft and spacecraft

### 331600 Repair and maintenance of aircraft and spacecraft

This type includes the repair and maintenance of aircraft and spacecraft.

This type includes:

- repair and maintenance of aircraft (except factory conversion, factory overhaul, factory rebuilding)
- repair and maintenance of aircraft engines

This type excludes:

- factory overhaul and rebuilding of aircraft (see 303000)

## 3317 Repair and maintenance of other transport equipment

### 331700 Repair and maintenance of other transport equipment

This type includes the repair and maintenance of other transport equipment of division 30, except motorcycles and bicycles.

This type includes:

- repair and maintenance of locomotives and railway cars (except factory rebuilding or factory conversion)
- repair of animal-drawn buggies and wagons

This type excludes:

- factory overhaul and rebuilding of locomotives and railway cars (see 302000)
- repair and maintenance of military fighting vehicles (see 304000)
- repair and maintenance of shopping carts (see 331100)
- repair and maintenance of railway engines (see 331200)
- repair and maintenance of motorcycles (see 454000)
- repair of bicycles (see 952900)

## 3319 Repair of other equipment

### 331900 Repair 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 pinball machines and other coin-operated games
- restoring of organs and other historical musical instruments

This type excludes:

- repair of household and office-type furniture, furniture restoration (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, such as 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
- assembling of industrial process control equipment
- installation of other industrial equipment, e.g.:
  - communications equipment
  - mainframe or similar computers
  - irradiation and electromedical equipment, etc.
- dismantling large-scale machinery and equipment
- activities of millwrights
- machine rigging
- installation of bowling alley equipment

This type excludes:

- installation of elevators, escalators, automated doors, vacuum cleaning systems, etc. (see 432902)
- installation of doors, staircases, shop fittings, furniture, etc. (see 433200)
- installation (setting-up) of personal computers (see 620900)

## D ELECTRICITY, GAS, STEAM AND AIR-CONDITIONING SUPPLY



This section includes the activity of providing electric power, natural gas, steam, hot water and the like through a permanent infrastructure (network) of lines, mains and pipes. The dimension of the network is not strictly defined. Also included are the distribution of electricity, gas, steam, hot water and the like in industrial parks or residential buildings.

This section therefore includes the operation of electric and gas utilities, which generate, control and distribute electric power or gas.

Also included is the provision of steam and air-conditioning supply.

This section excludes the operation of water and sewerage utilities (see 36, 37). This section also excludes the (typically long-distance) transport of gas through pipelines.

### 35 ELECTRICITY, GAS, STEAM AND AIR-CONDITIONING SUPPLY

#### 351 Electric power generation, transmission and distribution

This group includes the generation of bulk electric power, transmission from generating facilities to distribution centres, and distribution to end users.

##### 3511 Production of electricity

###### 351100 Production of electricity

This type includes:

- operation of generation facilities that produce electric energy; including thermal, nuclear, hydroelectric, gas turbine, diesel and renewable

This type excludes:

- production of electricity through incineration of waste (see 382100)

##### 3512 Transmission of electricity

###### 351200 Transmission of electricity

This type includes:

- operation of transmission systems that convey the electricity from the generation facility to the distribution system

##### 3513 Distribution of electricity

###### 351300 Distribution of electricity

This type includes:

- operation of distribution systems (i.e., consisting of lines, poles, meters, and wiring) that convey electric power received from the generation facility or the transmission system to the final consumer

##### 3514 Trade of electricity

###### 351400 Trade of electricity

This type includes:

- sale of electricity to the user
- activities of electric power brokers or agents that arrange the sale of electricity via power distribution systems operated by others
- operation of electricity and transmission capacity exchanges for electric power

## 352 Manufacture of gas; distribution of gaseous fuels through mains

This group includes the manufacture of gas and the distribution of natural or synthetic gas to the consumer through a system of mains. Gas marketers or brokers, which arrange the sale of natural gas over distribution systems operated by others, are included.

The separate operation of gas pipelines, typically done over long distances, connecting producers with distributors of gas, or between urban centres, is excluded from this group and classified with other pipeline transport activities.

## 3521 Manufacture of gas

### 352100 Manufacture of gas

This type includes:

- production of gas for the purpose of gas supply by carbonation of coal, from by-products of agriculture or from waste
- manufacture of gaseous fuels with a specified calorific value, by purification, blending and other processes from gases of various types, including natural gas

This type excludes:

- production of crude natural gas (see 062000)
- operation of coke ovens (see 191000)
- manufacture of refined petroleum products (see 192000)
- manufacture of industrial gases (see 201100)

## 3522 Distribution of gaseous fuels through mains

### 352200 Distribution of gaseous fuels through mains

This type includes:

- distribution and supply of gaseous fuels of all kinds through a system of mains

This type excludes:

- (long-distance) transportation of gases by pipelines (see 495000)

## 3523 Trade of gas through mains

### 352300 Trade of gas through mains

This type includes:

- sale of gas to the user through mains
- activities of gas brokers or agents that arrange the sale of gas over gas distribution systems operated by others
- commodity and transport capacity exchanges for gaseous fuels

This type excludes:

- wholesale of gaseous fuels (see 467100)
- retail sale of bottled gas (see 477801)
- direct selling of fuel (see 479900)

## 353 Steam and air conditioning supply

## 3530 Steam and air conditioning supply

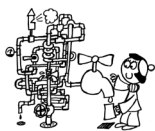
### 353000 Steam and air conditioning supply

This type includes:

- production, collection and distribution of steam and hot water for heating, power and other purposes
- production and distribution of cooled air
- production and distribution of chilled water for cooling purposes
- production of ice, for food and non-food (e.g. cooling) purposes

## E

# WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES



This section includes activities related to the management (including collection, treatment and disposal) of various forms of waste, such as solid or non-solid industrial or household waste, as well as contaminated sites. The output of the waste or sewage treatment process can either be disposed of or become an input into other production processes. 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.

### 36 WATER COLLECTION, TREATMENT AND SUPPLY

This division includes the collection, treatment and distribution of water for domestic and industrial needs. 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 water collection, treatment and distribution activities for domestic and industrial needs. Collection of water from various sources, as well as distribution by various means is included.

The operation of irrigation canals is also included; however the provision of irrigation services through sprinklers, and similar agricultural support services, is not included.

This type includes:

- collection of water from rivers, lakes, wells, etc.
- collection of rain water
- purification of water for water supply purposes
- treatment of water for industrial and other purposes
- desalting of sea or ground water to produce water as the principal product of interest
- distribution of water through mains, by trucks or other means
- operation of irrigation canals

This type excludes:

- operation of irrigation equipment for agricultural purposes (see 016100)
- treatment of waste-water in order to prevent pollution (see 370000)
- (long-distance) transport of water via pipelines (see 495000)

### 37 SEWERAGE

This division includes the operation of sewer systems or sewage treatment facilities that collect, treat, and dispose of sewage.

#### 370 Sewerage

#### 3700 Sewerage

#### 370000 Sewerage

This type includes:

- operation of sewer systems or sewer treatment facilities
- collecting and transporting of human or industrial waste-water from one or several users, as well as rain water by means of sewerage networks, collectors, tanks and other means of transport (sewage vehicles, etc.)
- emptying and cleaning of cesspools and septic tanks, sinks and pits from sewage; servicing of chemical toilets
- treatment of waste-water (including human and industrial wastewater, water from swimming pools, etc.) by means of physical, chemical and biological processes like dilution, screening, filtering, sedimentation, etc.
- maintenance and cleaning of sewers and drains, including sewer rodding

This type excludes:

- decontamination of surface water and ground-water at the place of pollution (see 390000)

- cleaning and unblocking of drainpipes in buildings (see 4322)

## **38 WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES; MATERIALS RECOVERY**

This division includes the collection, treatment, and disposal of waste materials. This also includes local hauling of waste materials and the operation of materials recovery facilities (i.e. those that sort recoverable materials from a waste stream).

### **381 Waste collection**

This group includes the collection of waste from households and businesses by means of refuse bins, wheeled bins, containers, etc. It includes collection of non-hazardous and hazardous waste e.g. waste from households, used batteries, used cooking oils and fats, waste oil from ships and used oil from garages, as well as construction and demolition waste.

### **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, such as collection of waste from households and businesses by means of refuse bins, wheeled bins, containers, etc; may include mixed recoverable materials
- collection of recyclable materials
- collection of refuse in litter-bins in public places

This type also includes:

- collection of construction and demolition waste
- collection and removal of debris such as brush and rubble
- collection of waste output of textile mills
- operation of waste transfer facilities for non-hazardous waste

This type excludes:

- collection of hazardous waste (see 381200)
- operation of landfills for the disposal of non-hazardous waste (see 382100)
- operation of facilities where commingled recoverable materials such as paper, plastics, etc. are sorted into distinct categories (see 383200)

### **3812 Collection of hazardous waste**

#### **381200 Collection of hazardous waste**

This type includes the collection of solid and non-solid hazardous waste, i.e. explosive, oxidising, flammable, toxic, irritant, carcinogenic, corrosive, infectious and other substances and preparations harmful for human health and environment. It may also entail identification, treatment, packaging and labeling of waste for the purposes of transport.

This type includes:

- collection of hazardous waste, such as:
  - used oil from shipment or garages
  - bio-hazardous waste
  - nuclear waste
  - used batteries, etc.
- operation of waste transfer stations for hazardous waste

This type excludes:

- remediation and clean up of contaminated buildings, mine sites, soil, ground water, e.g. asbestos removal (see 390000)

### **382 Waste treatment and disposal**

This group includes the disposal and treatment prior to disposal of various forms of waste by different means, such as treatment of organic waste with the aim of disposal; treatment and disposal of toxic live or dead animals and other contaminated waste; treatment and disposal of transition radioactive waste from hospitals, etc.; dumping of refuse on land or in water; burial or ploughing-under of refuse; disposal



of used goods such as refrigerators to eliminate harmful waste; disposal of waste by incineration or combustion. Also included is energy recovery resulting from waste incineration process.

This group excludes:

- treatment and disposal of wastewater (see 3700)
- materials recovery (see 383)

## 3821 Treatment and disposal of non-hazardous waste

### 382100 Treatment and disposal of non-hazardous waste

This type includes the disposal and treatment prior to disposal of solid or non-solid non-hazardous waste:

- operation of landfills for the disposal of non-hazardous waste
- disposal of non-hazardous waste by combustion or incineration or other methods, with or without the resulting production of electricity or steam, compost, substitute fuels, biogas, ashes or other by-products for further use, etc.
- treatment of organic waste for disposal

This type excludes:

- incineration and combustion of hazardous waste (see 382200)
- operation of facilities where commingled recoverable materials such as paper, plastics, used beverage cans and metals are sorted into distinct categories (see 383200)
- decontamination, clean up of land, water; toxic material abatement (see 390000)

## 3822 Treatment and disposal of hazardous waste

### 382200 Treatment and disposal of hazardous waste

This type includes the disposal and treatment prior to disposal of solid or non-solid hazardous waste, including waste that is explosive, oxidising, flammable, toxic, irritant, carcinogenic, corrosive, infectious and other substances and preparations harmful for human health and environment.

This type includes:

- operation of facilities for treatment of hazardous waste
- treatment and disposal of toxic live or dead animals and other contaminated waste
- incineration of hazardous waste
- disposal of used goods such as refrigerators to eliminate harmful waste
- treatment, disposal and storage of radioactive nuclear waste including:
  - treatment and disposal of transition radioactive waste, i.e. decaying within the period of transport, from hospitals
  - encapsulation, preparation and other treatment of nuclear waste for storage

This type excludes:

- reprocessing of nuclear fuels (see 201300)
- incineration of non-hazardous waste (see 382100)
- decontamination, clean up of land, water; toxic material abatement (see 390000)

## 383 Materials recovery

### 3831 Dismantling of wrecks

#### 383100 Dismantling of wrecks

This type includes dismantling of wrecks of any type (automobiles, ships, computers, televisions and other equipment) for materials recovery

This type excludes:

- disposal of used goods such as refrigerators to eliminate harmful waste (see 382200)
- dismantling of automobiles, computers, televisions and other equipment to obtain and re-sell usable parts (see section G)

**383200 Recovery of sorted materials**

This type includes the processing of metal and non-metal waste and scrap and other articles into secondary raw materials, usually involving a mechanical or chemical transformation process.

Also included is the recovery of materials from waste streams in the form of (1) separating and sorting recoverable materials from non-hazardous waste streams (i.e. garbage) or (2) the separating and sorting of commingled recoverable materials, such as paper, plastics, used beverage cans and metals, into distinct categories.

Examples of the mechanical or chemical transformation processes that are undertaken are:

- mechanical crushing of metal waste from used cars, washing machines, bikes, etc.
- mechanical reduction of large iron pieces such as railway wagons
- shredding of metal waste, end-of-life vehicles, etc.
- other methods of mechanical treatment such as cutting, pressing to reduce the volume
- reclaiming metals out of photographic waste, e.g. fixer solution or photographic films and paper
- reclaiming of rubber such as used tyres to produce secondary raw material
- sorting and pelleting of plastics to produce secondary raw material for tubes, flower pots, pallets and the like
- processing (cleaning, melting, grinding) of plastic or rubber waste into granulates
- crushing, cleaning and sorting of glass
- crushing, cleaning and sorting of other waste such as demolition waste to obtain secondary raw material
- processing of used cooking oils and fats into secondary raw materials
- processing of other food, beverage and tobacco waste and residual substances into secondary raw materials

This type excludes:

- manufacture of new final products from (whether or not self-manufactured) secondary raw materials, such as spinning yarn from garnetted stock, making pulp from paper waste, retreading tyres or production of metal from metal scrap (see corresponding types in section C (Manufacturing))
- reprocessing of nuclear fuels (see 201300)
- remelting ferrous waste and scrap (see 2410)
- materials recovery during waste combustion or incineration process (see 382)
- treatment and disposal of non-hazardous waste (see 382100)
- treatment of organic waste for disposal, including production of compost (see 382100)
- energy recovery during non-hazardous waste incineration process (see 382100)
- treatment and disposal of transition radioactive waste from hospitals, etc. (see 382200)
- treatment and disposal of toxic, contaminated waste (see 382200)
- wholesale of recoverable materials (see 4677)

**39 REMEDIATION ACTIVITIES AND OTHER WASTE MANAGEMENT SERVICES**

This division includes the provision of remediation services, i.e. the cleanup of contaminated buildings and sites, soil, surface or ground water.

**390 Remediation activities and other waste management services****3900 Remediation activities and other waste management services****390000 Remediation activities and other waste management services**

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 pollution on land, in surface water, in ocean and seas, including coastal areas
- asbestos, lead paint, and other toxic material abatement
- other specialised pollution-control activities

This type excludes:

- pest control in agriculture (see 016100)
- purification of water for water supply purposes (see 360000)
- treatment and disposal of non-hazardous waste (see 382100)
- treatment and disposal of hazardous waste (see 382200)
- outdoor sweeping and watering of streets, etc. (see 812900)

## 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 and also construction of a temporary nature.

General construction is the construction of entire dwellings, office buildings, stores and other public and utility buildings, farm buildings, etc., or the construction of civil engineering works such as motorways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, sports facilities, etc.

This work can be carried out on own account or on a fee or contract basis. Portions of the work and sometimes even the whole practical work can be subcontracted out. A unit that carries the overall responsibility for a construction project is classified here.

Also included is the repair of buildings and engineering works.

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 renting of construction equipment with operator is classified with the specific construction activity carried out with this equipment.

This section also includes the development of building projects for buildings or civil engineering works by bringing together financial, technical and physical means to realise the construction projects for later sale. If these activities are carried out not for later sale of the construction projects, but for their operation (e.g. renting of space in these buildings, manufacturing activities in these plants), the unit would not be classified here, but according to its operational activity, i.e. real estate, manufacturing, etc.

### 41 CONSTRUCTION OF BUILDINGS

This division includes general construction of buildings of all kinds. It includes new work, repair, additions and alterations, the erection of pre-fabricated buildings or structures on the site and also construction of temporary nature.

Included is the construction of entire dwellings, office buildings, stores and other public and utility buildings, farm buildings, etc.

411 Development of building projects

4110 Development of building projects

411000 Development of building projects

This type includes:

- development of building projects for residential and non-residential buildings by bringing together financial, technical and physical means to realise the building projects for later sale

This type excludes:

- construction of buildings (see 4120)
- architectural and engineering activities (see 711)
- project management services related to building projects (see 711)

412 Construction of residential and non-residential buildings

This group includes the construction of complete residential or non-residential buildings, on own account for sale or on a fee or contract basis. Outsourcing parts or even the whole construction process is possible. If only specialised parts of the construction process are carried out, the activity is classified in division 43.

**412001 General construction of buildings**

This type includes:

- construction of all types of residential buildings:
  - single-family houses
  - multi-family buildings, including high-rise buildings
- construction of all types of non-residential buildings:
  - buildings for industrial production, e.g. factories, workshops, assembly plants, etc.
  - hospitals, schools, office buildings
  - hotels, stores, shopping malls, restaurants
  - airport buildings
  - indoor sports facilities
  - parking garages, including underground parking garages
  - warehouses
  - religious buildings
- assembly and erection of prefabricated constructions on the site

This type excludes:

- construction of industrial facilities, except buildings (see 4299)
- architectural and engineering activities (see 711)
- project management for construction (see 711)

**412002 General contractor work in building construction**

This type includes:

- construction of all types of residential and non-residential buildings by general contractors who perform the whole of the construction work

This type excludes:

- construction of industrial facilities, except buildings (see 4299)
- architectural and engineering activities (see 711)
- project management for construction (see 711)

**412003 General building construction and civil engineering works n.e.c.**

This type includes:

- general building construction and civil engineering works equally combined

**412004 Building maintenance and repair work**

This type includes:

- maintenance, repair, remodelling and renovation of building construction included in class 4120

**42 CIVIL ENGINEERING**

This division includes general construction for civil engineering objects. It includes new work, repair, additions and alterations, the erection of pre-fabricated structures on the site and also construction of temporary nature.

Included is the building of heavy constructions such as motorways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, outdoor sports facilities, etc. This work can be carried out on own account or on a fee or contract basis. Portions of the work and sometimes even the whole practical work can be subcontracted out.

**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 on streets, roads, highways, bridges or tunnels:
  - asphalt paving of roads
  - road painting and other marking
  - installation of crash barriers, traffic signs and the like
- construction of airfield runways

This type excludes:

- installation of street lighting and electrical signals (see 432100)
- architectural and engineering activities (see 711)
- project management for construction (see 711)

## 4212 Construction of railways and underground railways

### 421200 Construction of railways and underground railways

This type includes:

- construction of railways and subways

This type excludes:

- installation of lighting and electrical signals (see 432100)
- architectural and engineering activities (see 711)
- project management for construction (see 711)

## 4213 Construction of bridges and tunnels

### 421300 Construction of bridges and tunnels

This type includes:

- construction of bridges, including those for elevated highways
- construction of tunnels

This type excludes:

- installation of lighting and electrical signals (see 432100)
- architectural and engineering activities (see 711)
- project management for construction (see 711)

## 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 distribution lines for transportation of fluids and related buildings and structures that are integral parts of those systems.

This type includes:

- construction of civil engineering constructions for:
  - long-distance and urban pipelines
  - water main and line construction
  - irrigation systems (canals)
  - reservoirs
- construction of:
  - sewer systems, including repair
  - sewage disposal plants
  - pumping stations

This type also includes:

- water well drilling

This type excludes:

- project management activities related to civil engineering works (see 7112)

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 telecommunications and related buildings and structures that are integral parts of those systems.

This type includes:

- construction of civil engineering constructions for:
  - long-distance and urban communication and power lines
  - power plants

This type excludes:

- 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 of:
  - waterways, harbour and river works, pleasure ports (marinas), locks, etc.
  - dams and dykes
- dredging of waterways

This type excludes:

- project management activities related to civil engineering works (see 7111)

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, such as:
  - refineries
  - chemical plants
- construction work, other than buildings, such as:
  - outdoor sports facilities

This type also includes:

- land subdivision with land improvement (e.g. adding of roads, utility infrastructure, etc.)

This type excludes:

- installation of industrial machinery and equipment (see 332000)
- land subdivision without land improvement (see 681000)
- project management activities related to civil engineering works (see 7112)

**43 SPECIALISED CONSTRUCTION ACTIVITIES**

This division includes specialised construction activities (special trades), i.e. the construction of parts of buildings and civil engineering works or preparation therefore. These activities are usually specialised in one aspect common to different structures, requiring specialised skills or equipment, such as pile-driving, foundation work, carcass work, concrete work, brick laying, stone setting, scaffolding, roof covering, etc.. The erection of steel structures is included provided that the parts are not produced by the same unit. Specialised construction activities are mostly carried out under subcontract, but especially in repair construction it is done directly for the owner of the property.

Also included are building finishing and building completion activities.

Included is the installation of all kind of utilities that make the construction function as such. These activities are usually performed at the site of the construction, although parts of the job may be carried out in a special shop. Included are activities such as plumbing, installation of heating and air-conditioning systems, antennas, alarm systems and other electrical work, sprinkler systems, elevators

and escalators, etc. Also included are insulation work (water, heat, sound), sheet metal work, commercial refrigerating work, the installation of illumination and signalling systems for roads, railways, airports, harbours, etc. Also repair of the same type as the above mentioned activities is included.

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

The renting of equipment with operator is classified with the associated construction activity.

## 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 or wrecking of buildings and other structures

### 4312 Site preparation

#### 431200 Site preparation

This type includes:

- clearing of building sites
- earth moving: excavation, landfill, levelling and grading of construction sites, trench-digging, rock removal, blasting, etc.
- site preparation for mining:
  - overburden removal and other development and preparation of mineral properties and sites, except oil and gas sites

This type also includes:

- building site drainage
- drainage of agricultural or forestry land

This type excludes:

- drilling of production oil or gas wells (see 061000, 062000)
- decontamination of soil (see 390000)
- water-well drilling (see 422100)
- shaft sinking (see 439905)

### 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 and boring support services during mining activities (see 099000)
- water-well drilling (see 422100)
- shaft sinking (see 439905)
- oil and gas field exploration (see 091000)
- 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 as such including installation of electrical systems, plumbing (water, gas and sewage systems), heat and air-conditioning systems, elevators, etc.



**432100 Electrical installation**

This type includes the installation of electrical systems in all kinds of buildings and civil engineering structures of electrical systems.

This type includes:

- installation of:
  - electrical wiring and fittings
  - telecommunications 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

This type also includes:

- connecting of electric appliances and household equipment, including baseboard heating

This type excludes:

- construction of communications and power transmission lines (see 422200)
- monitoring and remote monitoring of electronic security systems, such as burglar alarms and fire alarms, including their installation and maintenance (see 802000)

**4322 Plumbing, heat and air conditioning installation**

This class includes the installation of plumbing, heating and air-conditioning systems, including additions, alterations, maintenance and repair.

**432201 Sanitary installation**

This type includes:

- installation of sanitary equipment in buildings or other construction projects provided by sanitary installation units

**432202 Sanitary installation and plumbing**

This type includes:

- sanitary installation in buildings or other construction projects, provided by units engaged in the following activities:
  - plumbing and sanitary installation
  - plumbing
  - sanitary installation and forge
  - sanitary installation and locksmithing
  - gas fittings
- duct work installation

**432203 Sanitary and heating installation**

This type includes:

- installation provided by units engaged in combined sanitary and heating system installation:
  - heating systems (electric, gas, oil or geothermal)
  - furnaces, cooling towers
  - steam piping
  - plumbing and sanitary systems
- duct work installation

**432204 Installation of heating, ventilation and air-conditioning systems**

This type includes:

- installation in buildings or in other construction projects of:
  - heating systems (electric, gas and oil)

- non-electric solar energy collectors
- ventilation and air-conditioning equipment and ducts
- steam piping
- fire sprinkler systems
- lawn sprinkler systems
- furnaces, cooling towers
- duct work installation

This type excludes:

- installation of electric baseboard heating (see 432100)

## 4329 Other construction installation

### 432901 Insulation work activities

This type includes:

- installation of thermal, sound, vibration or fire insulation in buildings or other construction projects

This type excludes:

- damp proofing and water proofing works (see 439901)

### 432902 Other construction installation

This type includes:

- installation in buildings or other construction projects of:
  - elevators, escalators, including repair and maintenance
  - automated and revolving doors
  - lightning conductors
  - vacuum cleaning systems
- installation in buildings or other construction projects of fittings and fixtures n.e.c.
- technical repair and maintenance in buildings of fittings and fixture n.e.c

This type excludes:

- installation of industrial machinery (see 332000)

## 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

### 4332 Joinery installation

#### 433200 Joinery installation

This type includes:

- installation of doors (except automated and revolving), windows, door and window frames, of wood or other materials
- installation of fitted kitchens, built-in cupboards, staircases, shop fittings and the like
- interior completion such as ceilings, movable partitions, etc.

This type excludes:

- installation of automated and revolving doors (see 432902)

### 4333 Floor and wall covering

#### 433301 Laying of floor 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
- terrazzo, marble, granite or slate floor coverings

#### 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

#### 433303 Wallpapering

This type includes:

- hanging of wallpaper, tapestry and other kinds of flexible wall covering in buildings or other construction projects

#### 4334 Painting and glazing

##### 433401 Painting

This type includes:

- interior and exterior painting of buildings
- painting of civil engineering structures

##### 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 433200)

#### 4339 Other building completion and finishing

##### 433900 Other building completion and finishing

This type includes:

- cleaning of new buildings after construction
- other building completion and finishing work n.e.c.

This type excludes:

- activities of interior decoration designers (see 741003)
- general interior cleaning of buildings and other structures (see 812100)
- specialised interior and exterior cleaning of buildings (see 812202)

#### 439 Other specialised construction activities

##### 4391 Roofing activities

This class excludes:

- renting of construction machinery and equipment without operator (see 773200)

##### 439101 Carpentry, construction framing

This type includes:

- manufacture, maintenance and assembly of wooden constructions such as:
  - wooden floors, ceilings, walls and roofs
  - wooden carrying structures

- understructures on wooden elements
- heat insulation of wooden elements
- coating of external and interior wooden elements
- assembly of works in wood

This type excludes:

- renting of construction machinery and equipment without operator (see 773200)

#### 439102 Roofing

This type includes:

- roof covering

This type excludes:

- flashing and guttering work (see 439103)

#### 439103 Flashing and guttering work

This type includes:

- tinplate work for roofing
- installation of drainage systems:
  - gutters, drainpipes, etc
- metal roof-covering activities

This type also includes:

- combined roofing and flashing work

#### 4399 Other specialised construction activities n.e.c.

This class includes:

- construction activities specialising in one aspect common to different kind of structures, requiring specialised skill or equipment

This class excludes:

- renting of construction machinery and equipment without operator (see 773200)

#### 439901 Waterproofing

This type includes:

- damp proofing and water proofing works

#### 439902 Erection of scaffolding

This type includes:

- scaffolds and work platform erecting and dismantling

This type excludes:

- renting of scaffolds and work platforms (see 773200)

#### 439903 Masonry

This type includes:

- bricklaying and stone setting

#### 439904 Renting of construction or demolition equipment with operator

This type includes:

- renting of cranes and other building equipment, which cannot be allocated to a specific construction type, with operator

This type excludes:

- renting of construction machinery and equipment without operator (see 773200)

This type includes:

- construction of foundations, including pile driving
- de-humidification of buildings
- shaft sinking (water and geothermal)
- erection of steel elements
- steel bending
- erection of chimneys and industrial ovens
- work with specialist access requirements necessitating climbing skills and the use of related equipment, e.g. working at height on tall structures
- subsurface work
- construction of outdoor swimming pools
- steam cleaning, sand blasting and similar activities for building exteriors

## G

# WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES



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

Sale without transformation is considered to include the usual operations (or manipulations) associated with trade, for example sorting, grading and assembling of goods, mixing (blending) of goods (for example wine or sand), bottling (with or without preceding bottle cleaning), packing, breaking bulk and repacking for distribution in smaller lots, storage (whether or not frozen or chilled).

Division 45 includes all activities related to the sale and repair of motor vehicles and motorcycles, while divisions 46 and 47 include all other sale activities. The distinction between division 46 (wholesale) and division 47 (retail sale) is based on the predominant type of customer.

Wholesale is the resale (sale without transformation) of new and used goods to retailers, business-tobusiness trade, such as to industrial, commercial, institutional or professional users, or resale to other wholesalers, or involves acting as an agent or broker in buying merchandise for, or selling merchandise to, such persons or companies. The principal types of businesses included are merchant wholesalers, i.e. wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, exporters, importers, and cooperative buying associations, sales branches and sales offices (but not retail stores) that are maintained by manufacturing or mining units apart from their plants or mines for the purpose of marketing their products and that do not merely take orders to be filled by direct shipments from the plants or mines. Also included are merchandise and commodity brokers, commission merchants and agents and assemblers, buyers and cooperative associations engaged in the marketing of farm products.

Wholesalers frequently physically assemble, sort and grade goods in large lots, break bulk, repack and redistribute in smaller lots, for example pharmaceuticals; store, refrigerate, deliver and install goods, engage in sales promotion for their customers and label design.

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

## 45

### WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES

This division includes all activities (except manufacture and renting) related to motor vehicles and motorcycles, including lorries and trucks, such as the wholesale and retail sale of new and second-hand vehicles, the repair and maintenance of vehicles and the wholesale and retail sale of parts and accessories for motor vehicles and motorcycles. Also included are activities of commission agents involved in wholesale or retail sale of vehicles.

This division also includes activities such as washing, polishing of vehicles, etc.

This division does not include the retail sale of automotive fuel and lubricating or cooling products or the renting of motor vehicles or motorcycles.

451 Sale of motor vehicles

4511 Sale of cars and light motor vehicles

451101 Wholesale of car and light motor vehicles (< 3.5 t)

This type includes:

- wholesale of new and used vehicles:

- passenger motor vehicles, including specialised passenger motor vehicles such as ambulances and minibuses, etc. (less than 3.5 tons)

This type also includes:

- wholesale of off-road motor vehicles like jeeps (less than 3.5 tons)

This type excludes:

- wholesale of parts and accessories for motor vehicles (see 453)
- renting of motor vehicles with driver (see 493)
- renting of motor vehicles without driver (see 771)
- dismantling of end-of-life or crashed vehicles to obtain and sell reusable parts (see 467701)

#### 451102 Retail sale of car and light motor vehicle (< 3.5 t)

This type includes:

- retail sale of new and used vehicles:
  - passenger motor vehicles, including specialised passenger motor vehicles such as ambulances and minibuses, etc. (less than 3.5 tons)

This type also includes:

- retail sale of off-road motor vehicles like jeeps (less than 3.5 tons)

This type excludes:

- retail sale of parts and accessories for motor vehicles (see 453200)
- renting of motor vehicles with driver (see 493)
- renting of motor vehicles without driver (see 771100)
- dismantling of end-of-life or crashed vehicles to obtain and sell reusable parts (see 467701)

#### 4519 Sale of other motor vehicles

##### 451901 Wholesale of other motor vehicles (> 3.5 t)

This type includes:

- wholesale of new and used vehicles:
  - lorries, trailers and semi-trailers
  - camping vehicles such as caravans and motor homes

This type also includes:

- wholesale off-road motor vehicles (more than 3.5 tons)

This type excludes:

- wholesale of parts and accessories for motor vehicles (see 453100)
- renting of trucks with driver (see 494100)
- renting of trucks without driver (see 771200)
- dismantling of end-of-life or crashed vehicles to obtain and sell usable parts (see 467701)

##### 451902 Retail sale of other motor vehicles (> 3.5 t)

This type includes:

- retail sale of new and used vehicles:
  - lorries, trailers and semi-trailers
  - camping vehicles such as caravans and motor homes

This type also includes:

- retail sale of off-road motor vehicles (more than 3.5 tons)

This type excludes:

- retail sales of parts and accessories for motor vehicles (see 453200)
- renting of trucks with driver (see 494100)
- renting of trucks without driver (see 771200)
- dismantling of end-of-life or crashed vehicles to obtain and sell usable parts (see 467701)

#### 452 Maintenance and repair of motor vehicles

##### 4520 Maintenance and repair of motor vehicles

##### 452001 Maintenance and repair of motor vehicles

This type includes:

- maintenance and repair of motor vehicles:
  - mechanical repairs
  - electrical repairs
  - electronic injection systems repair
  - ordinary servicing
  - repair of motor vehicle parts
  - washing, polishing
  - repair of screens and windows
  - repair of motor vehicle seats
- tyre and tube repair, fitting or replacement
- anti-rust treatment
- installation of parts and accessories, not as part of the manufacturing process

This type excludes:

- retreading and rebuilding of tyres (see 221100)
- dismantling of end-of-life or crashed vehicles to obtain and re-sell usable parts (see 467701)

## 452002 Bodywork repair and painting of motor vehicles

This type includes:

- bodywork repair
- spraying and painting

This type excludes:

- dismantling of end-of-life or crashed vehicles to obtain and re-sell usable parts (see 467701)

## 453 Sale of motor vehicle parts and accessories

This group includes wholesale and retail trade of all kinds of parts, components, supplies, tools and accessories for motor vehicles, such as:

- rubber tyres and inner tubes for tyres
- spark plugs, batteries, lighting equipment and electrical parts

## 4531 Wholesale trade of motor vehicle parts and accessories

### 453100 Wholesale trade of motor vehicle parts and accessories

This type includes:

- wholesale of all kinds of parts, components, supplies, tools and accessories for motor vehicles, such as:
  - rubber tyres and innertubes for tyres
  - spark plugs, batteries, lighting equipment and electrical parts

This type excludes:

- dismantling of end-of-life or crashed vehicles to obtain and re-sell usable parts (see 467701)

## 4532 Retail trade of motor vehicle parts and accessories

### 453200 Retail trade of motor vehicle parts and accessories

This type includes:

- retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles, such as:
  - rubber tyres and innertubes for tyres
  - spark plugs, batteries, lighting equipment and electrical parts

This type excludes:

- retail sale of automotive fuel (see 473000)
- dismantling of end-of-life or crashed vehicles to obtain and re-sell usable parts (see 467701)



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

4540 Sale, maintenance and repair of motorcycles and related parts and accessories

**454000 Sale, maintenance and repair of motorcycles and related parts and accessories**

This type includes:

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

This type excludes:

- wholesale of bicycles and related parts and accessories (see 464903)
- retail sale of bicycles and related parts and accessories (see 476401)
- renting of motorcycles (see 773900)
- repair and maintenance of bicycles (see 952900)
- dismantling of end-of-life or crashed vehicles to obtain and re-sell usable parts (see 467701)

## **46 WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

This division includes wholesale trade on own account or on a fee or contract basis (commission trade) related to domestic wholesale trade as well as international wholesale trade (import/export).

This division excludes:

- wholesale of motor vehicles, caravans and motorcycles (see 451, 454)
- wholesale of motor vehicle accessories (see 4531, 4540)
- renting and leasing of goods (see division 77)
- packing of solid goods and bottling of liquid or gaseous goods, including blending and filtering for third parties (see 8292)

461 Wholesale on a fee or contract basis

This group includes:

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

This group also includes:

- activities of wholesale auctioneering houses, including Internet wholesale auctions

4611 Agents involved in the sale of agricultural raw materials, live animals, textile raw materials and semi-finished goods

**461100 Agents involved in the sale of agricultural raw materials, live animals, textile raw materials and semi-finished goods**

This type includes:

- activities of agents involved in the sale of agricultural raw materials, live animals, textile raw materials and semi-finished goods

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

4612 Agents involved in the sale of fuels, ores, metals and industrial chemicals

**461200 Agents involved in the sale of fuels, ores, metals and industrial chemicals**

This type includes:

- activities of agents involved in the sale of fuels, ores, metals and industrial chemicals, including fertilisers

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

**4613 Agents involved in the sale of timber and building materials**

**461300 Agents involved in the sale of timber and building materials**

This type includes:

- activities of agents involved in the sale of timber and building materials

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

**4614 Agents involved in the sale of machinery, industrial equipment, ships and aircraft**

**461400 Agents involved in the sale of machinery, industrial equipment, ships and aircraft**

This type includes:

- activities of agents involved in the sale of machinery, including office machinery and computers, industrial equipment, ships and aircraft

This type excludes:

- activities of commission agents for motor vehicles (see 451)
- auctions of motor vehicles (see 451)
- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

**4615 Agents involved in the sale of furniture, household goods, hardware and ironmongery**

**461500 Agents involved in the sale of furniture, household goods, hardware and ironmongery**

This type includes:

- activities of agents involved in the sale of furniture, household goods, hardware and ironmongery

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

**4616 Agents involved in the sale of textiles, clothing, fur, footwear and leather goods**

**461600 Agents involved in the sale of textiles, clothing, fur, footwear and leather goods**

This type includes:

- activities of agents involved in the sale of textiles, clothing, fur, footwear and leather goods

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

**4617 Agents involved in the sale of food, beverages and tobacco**

**461700 Agents involved in the sale of food, beverages and tobacco**

This type includes:

- activities of agents involved in the sale of food, beverages and tobacco

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

4618 Agents specialised in the sale of other particular products

**461800 Agents specialised in the sale of other particular products**

This type includes:

- activities of agents specialised in the sale of other particular products

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)
- activities of insurance agents (see 662200)
- activities of real estate agents (see 683100)

4619 Agents involved in the sale of a variety of goods

**461900 Agents involved in the sale of a variety of goods**

This type includes:

- activities of agents involved in the sale of a variety of goods

This type excludes:

- wholesale trade in own name (see 462 to 469)
- retail sale by non-store commission agents (see 479900)

462 Wholesale of agricultural raw materials and live animals

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
- wholesale of oleaginous fruits
- wholesale of unmanufactured tobacco
- wholesale of animal feeds and agricultural raw material n.e.c.

This type excludes:

- wholesale of textile fibres (see 467600)

4622 Wholesale of flowers and plants

**462200 Wholesale of flowers and plants**

This type includes:

- wholesale of flowers, plants and bulbs

4623 Wholesale of live animals

**462300 Wholesale of live animals**

This type includes:

- wholesale of live animals

4624 Wholesale of hides, skins and leather

**462400 Wholesale of hides, skins and leather**

This type includes:

- wholesale of raw hides, skins and leather

463 Wholesale of food, beverages and tobacco

4631 Wholesale of fruit and vegetables

**463100 Wholesale of fruit and vegetables**

This type includes:

- wholesale of fresh fruits and vegetables
- wholesale of preserved fruits and vegetables

4632 Wholesale of meat and meat products

**463200 Wholesale of meat and meat products**

This type includes:

- wholesale of meat, poultry and game products (fresh, frozen and canned)
- wholesale of cooked meats (charcuterie)

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 excludes:

- wholesale of cocoa butter (cocoa fat or cocoa oil) (see 463700)

4634 Wholesale of beverages

**463401 Wholesale of wines and spirits**

This type includes:

- wholesale of alcoholic beverages (wine, brandy, cider, liquor, etc)

This type also includes:

- buying of wine in bulk and bottling without transformation

This type excludes:

- blending of wine or distilled spirits (see 110100, 110200)

**463402 Wholesale of other beverages**

This type includes:

- wholesale of beer, non-alcoholic beer, mineral water, fruit and vegetable juice and other non-alcoholic beverages

4635 Wholesale of tobacco products

**463500 Wholesale of tobacco products**

This type includes:

- wholesale of tobacco products

4636 Wholesale of sugar and chocolate and sugar confectionery

**463600 Wholesale of sugar and chocolate and sugar confectionery**

This type includes:

- wholesale of sugar, chocolate, ice-cream and sugar confectionery
- wholesale of bread and bakery products (including pastries)

4637 Wholesale of coffee, tea, cocoa and spices

**463700 Wholesale of coffee, tea, cocoa and spices**

This type includes:

- wholesale of coffee, tea, cocoa and spices

This type also includes:

- wholesale of herbal teas
- wholesale of cocoa in all its forms: butter, oil, fat, powder, etc.

This type excludes:

- coffee roasting (see 108300)

4638 Wholesale of other food, including fish, crustaceans and molluscs

**463800 Wholesale of other food, including fish, crustaceans and molluscs**

This type includes:

- wholesale of other food, including fish, crustaceans and molluscs

This type also includes:

- wholesale of feed for pet animals

4639 Non-specialised wholesale of food, beverages and tobacco

**463900 Non-specialised wholesale of food, beverages and tobacco**

This type includes:

- non-specialised wholesale of food, beverages and tobacco

464 Wholesale of household goods

This group includes the wholesale of household goods, including textiles.

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.

This type excludes:

- wholesale of textile fibres (see 467600)

4642 Wholesale of clothing and footwear

**464201 Wholesale of clothing**

This type includes:

- wholesale of clothing, including sports clothes
- wholesale of clothing accessories such as gloves, ties and braces
- wholesale of fur articles
- wholesale of umbrellas

This type excludes:

- wholesale of jewellery (see 464802)
- wholesale of leather goods (see 464904)

**464202 Wholesale of footwear**

This type includes:

- wholesale of footwear

This type excludes:

- wholesale of special sports equipment footwear such as ski boots (see 464903)

## 4643 Wholesale of electrical household appliances

### 464301 Wholesale of electrical household appliances

This type includes:

- wholesale of electrical household appliances:

- refrigerators, freezers, ovens, dishwashers, washing machines, flatirons, electric shavers, blow driers, etc.

- wholesale of electrical heating appliances

This type excludes:

- wholesale of sewing machines (see 466400)

### 464302 Wholesale of consumer electronics

This type includes:

- wholesale of radio and television equipment

- wholesale of photographic and optical goods

- wholesale of recorded audio and video tapes, CDs, DVDs

This type excludes:

- wholesale of blank audio and video tapes, CDs, DVDs (see 465200)

### 464303 Wholesale of photographic and cinematographic equipment, precision mechanical and optical products

This type includes:

- wholesale of photography and filming equipment, flash units, films and reels, photographic chemicals

- wholesale of glasses, contact lenses, microscopes, binoculars, and other precision and optical instruments

## 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 cutlery and household metal utensils

- wholesale of china, pottery, glassware, crockery

- wholesale of washing, cleaning and maintenance materials (wax, furniture polish, etc.)

## 4645 Wholesale of perfume and cosmetics

### 464500 Wholesale of perfume and cosmetics

This type includes:

- wholesale of perfumeries, cosmetics and soaps

## 4646 Wholesale of pharmaceutical goods

### 464601 Wholesale of pharmaceutical goods

This type includes:

- wholesale of pharmaceutical and medical goods

### 464602 Wholesale of medical, surgical and orthopaedic goods

This type includes:

- wholesale of laboratory equipment, medical and surgical furniture, dental equipment and supplies, surgical supplies, bandages, orthopaedic equipment, wheelchairs, etc

This type also includes:

- wholesale of equipment for chiropodists, manicures, beauticians and hairdressers

**4647 Wholesale of furniture, carpets and lighting equipment**

**464700 Wholesale of furniture, carpets and lighting equipment**

This type includes:

- wholesale of household furniture
- wholesale of carpets
- wholesale of lighting equipment

This type excludes:

- wholesale of office furniture (see 466500)

**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.

**4649 Wholesale of other household goods**

**464901 Wholesale of stationery, books and newspapers**

This type includes:

- wholesale of stationery, books, magazines and newspapers

**464902 Wholesale of games and toys**

This type includes:

- wholesale of games and toys

This type also includes:

- wholesale of tricycles, fold-up scooters, pedal car

**464903 Wholesale of sports goods**

This type includes:

- wholesale of sports goods, including special sports footwear such as ski boots

This type also includes:

- wholesale of bicycles and their parts and accessories
- wholesale of pleasure boats
- wholesale of sporting weapons (firearms not included)
- camping equipment and sleeping bags (camping furniture not included)

This type excludes:

- wholesale of sports clothing (see 464201)

**464904 Wholesale of leather and travel goods**

This type includes:

- wholesale of leather goods and travel accessories:
  - suitcases, bags, toilet bags, school bags, wallets, different sorts of cases

**464905 Wholesale of gifts and souvenirs**

This type includes:

- wholesale of gifts and souvenirs:
- ashtrays, cigarette lighters, sports cups, trophies, etc

**464906 Wholesale of other consumer goods n.e.c.**

This type includes:

- wholesale of musical instruments and scores
- wholesale of woodenware, wickerwork and corkware, etc. (furniture excluded)
- wholesale of costume jewellery
- wholesale of brushes, hair slides, etc

**465 Wholesale of information and communication equipment**

This group includes the wholesale of information and communications technology (ICT) equipment, i.e. computers, telecommunications equipment and parts.

**4651 Wholesale of computers, computer peripheral equipment and software****465101 Wholesale of computers, computer peripheral equipment**

This type includes:

- wholesale of computers and computer peripheral equipment

This type excludes:

- wholesale of office machinery and equipment (see 466600)
- wholesale of electronic parts (see 465200)

**465102 Wholesale of software**

This type includes:

- wholesale of software

**4652 Wholesale of electronic and telecommunications equipment and parts****465200 Wholesale of electronic and telecommunications equipment and parts**

This type includes:

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

This type excludes:

- wholesale of recorded audio and video tapes, CDs, DVDs (see 464302)
- wholesale of computers and computer peripheral equipment (see 465101)

**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.

**4661 Wholesale of agricultural machinery, equipment and supplies****466100 Wholesale of agricultural machinery, equipment and supplies**

This type includes:

- wholesale of agricultural machinery and equipment:
- ploughs, manure spreaders, seeders
- harvesters
- threshers



- milking machines
- poultry-keeping machines, bee-keeping machines
- tractors used in agriculture and forestry

This type also includes:

- lawn mowers, however operated

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

This type also includes:

- wholesale of construction and civil engineering machinery:
- cranes, mechanical shovels, cement mixers, etc

4664 Wholesale of machinery for the textile industry and of sewing and knitting machines

466400 Wholesale of machinery for the textile industry and of sewing and knitting machines

This type includes:

- wholesale of machinery for the textile industry and of sewing and knitting machines

This type also includes:

- wholesale of computer-controlled machinery for the textile industry and of computer-controlled sewing and knitting machines

4665 Wholesale of office furniture

466500 Wholesale of office furniture

This type includes:

- wholesale trade services related to:
- goods classified in 310100 (Manufacture of office and shop furniture)

4666 Wholesale of other office machinery and equipment

466600 Wholesale of other office machinery and equipment

This type includes:

- wholesale of office machinery and equipment, except computers and computer peripheral equipment

This type excludes:

- wholesale of computers and peripheral equipment (see 465101)
- wholesale of electronic parts and telephone and communications equipment (see 465200)

4669 Wholesale of other machinery and equipment

466900 Wholesale of other machinery and equipment

This type includes:

- wholesale of transport equipment except motor vehicles, motorcycles and bicycles

- wholesale of production-line robots
- wholesale of wires and switches and other installation equipment for industrial use
- wholesale of other electrical material such as electrical motors, transformers
- wholesale of other machinery n.e.c. for use in industry (except mining, construction, civil engineering and textile industry), trade and navigation and other services

This type also includes:

- wholesale of measuring instruments and equipment

This type excludes:

- wholesale of motor vehicles, trailers and caravans (see 451)
- wholesale of motor vehicle parts (see 453100)
- wholesale of motorcycles (see 454000)
- wholesale of bicycles (see 464903)

## 467 Other specialised wholesale

This group includes other specialised wholesale activities not classified in other groups of this division. This includes the wholesale of intermediate products, except agricultural, typically not for household use.

## 4671 Wholesale of solid, liquid and gaseous fuels and related products

### 467100 Wholesale of solid, liquid and gaseous fuels and related products

This type includes:

- wholesale of fuels, greases, lubricants, oils such as:
  - charcoal, coal, coke, fuel wood, naphtha
  - crude petroleum, crude oil, diesel fuel, gasoline, fuel oil, heating oil, kerosene
  - liquefied petroleum gases, butane and propane gas
  - lubricating oils and greases, refined petroleum products

## 4672 Wholesale of metals and metal ores

### 467200 Wholesale of metals and metal ores

This type includes:

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

This type excludes:

- wholesale of metal scrap (see 467702)

## 4673 Wholesale of wood, construction materials and sanitary equipment

### 467301 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 wood building components (parquet floors, panels, etc.)
- wholesale of wood windows and doors

### 467302 Wholesale of construction materials

This type includes:

- wholesale of construction materials:
  - sand, gravel, stones, cement, etc
- wholesale of wallpaper and floor coverings
- wholesale of plastic and metal windows and doors
- wholesale of building components of concrete, plaster, etc
- wholesale of prefabricated buildings

**467303 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 paint and varnish
- wholesale of sanitary equipment:
  - baths, washbasins, toilets and other sanitary porcelain

**4674 Wholesale of hardware, plumbing and heating equipment and supplies**

**467400 Wholesale of hardware, plumbing and heating equipment and supplies**

This type includes:

- wholesale of hardware and locks
- wholesale of fittings and fixtures
- wholesale of hot water heaters
- wholesale of sanitary installation equipment:
  - tubes, pipes, fittings, taps, T-pieces, connections, rubber pipes, etc.
- wholesale of tools such as hammers, saws, screwdrivers and other hand tools

**4675 Wholesale of chemical products**

**467500 Wholesale of chemical products**

This type includes:

- wholesale of industrial chemicals:
  - aniline, printing ink, essential oils, industrial gases, chemical glues, colouring matter, synthetic resin, methanol, paraffin, scents and flavourings, soda, industrial salt, acids and sulphurs, starch derivatives, etc.
- wholesale of fertilisers and agrochemical products

**4676 Wholesale of other intermediate products**

**467600 Wholesale of other intermediate products**

This type includes:

- wholesale of plastic materials in primary forms
- wholesale of rubber
- wholesale of textile fibres, etc.
- wholesale of paper in bulk
- wholesale of precious stones

**4677 Wholesale of waste and scrap**

This class excludes:

- collection of household and industrial waste (see 381)
- treatment of waste, not for a further use in an industrial manufacturing process, but with the aim of disposal (see 382)
- processing of waste and scrap and other articles into secondary raw material when a real transformation process is required (the resulting secondary raw material is fit for direct use in an industrial manufacturing process, but is not a final product) (see 383)
- ship-breaking (see 383100)
- retail sale of second-hand goods (see 477902)

**467701 Wholesale of car parts, dismantling of automobiles**

This type includes:

- dismantling of automobiles to obtain and re-sell usable parts
- sorting, separating, stripping of cars in order to obtain reusable parts, packing
- repacking, storage and delivery, but without a real transformation process

This type excludes:

- dismantling of automobiles for materials recovery (see 383100)
- shredding of cars by means of a mechanical process (see 383200)

## 467702 Wholesale of other waste and scrap

This type includes:

- wholesale of metal and non-metal waste and scrap and materials for recycling, including collecting, separating, stripping of used goods in order to obtain reusable parts, packing and repacking, storage and delivery, but without a real transformation process. Additionally, the purchased and sold waste has a remaining value.

This type also includes:

- dismantling of computers, televisions and other equipment to obtain and re-sell usable parts

This type excludes:

- dismantling of computers, televisions and other equipment for materials recovery (see 383100)

## 469 Non-specialised wholesale trade

## 4690 Non-specialised wholesale trade

## 469000 Non-specialised wholesale trade

This type includes:

- wholesale of a variety of goods without any particular specialisation

## 47 RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES

This division includes the resale (sale without transformation) of new and used goods mainly to the general public for personal or household consumption or utilisation, by shops, department stores, stalls, mail-order houses, door-to-door sales persons, hawkers, consumer cooperatives, etc.

Retail trade is classified first by type of sale outlet (retail trade in stores: groups 471 to 477; retail trade not in stores: groups 478 and 479). Retail trade in stores includes the retail sale of used goods (class 4779). For retail sale in stores, there exists a further distinction between specialised retail sale (groups 472 to 477) and non-specialised retail sale (group 471). The above groups are further subdivided by the range of products sold. Sale not via stores is subdivided according to the forms of trade, such as retail sale via stalls and markets (group 478) and other non-store retail sale, e.g. mail order, door-to-door, by vending machines, etc. (group 479).

The goods sold in this division are limited to goods usually referred to as consumer goods or retail goods. Therefore goods not normally entering the retail trade, such as cereal grains, ores, industrial machinery, etc. are excluded. This division also includes units engaged primarily in selling to the general public, from displayed merchandise, products such as personal computers, stationery, paint or timber, although these products may not be for personal or household use. Handling that is customary in trade does not affect the basic character of the merchandise and may include, for example, sorting, separating, mixing and packaging.

This division also includes the retail sale by commission agents and activities of retail auctioning houses.

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 10-32)
- sale of motor vehicles, motorcycles and their parts (see division 45)
- 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)
- renting of personal and household goods to the general public (see group 772)

## 471 Retail sale in non-specialised stores

This group includes the retail sale of a variety of product lines in the same unit (non-specialised stores), such as supermarkets or department stores.

## 4711 Retail sale in non-specialised stores with food, beverages or tobacco predominating

This class includes:

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

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

#### **471101    Hypermarkets (> 2500 m2)**

This type includes:

- non specialised retail sale with food predominance, on shops with a sales surface over 2500 m2

#### **471102    Large supermarkets (1000-2499 m2)**

This type includes:

- non specialised retail sale with food predominance, on shops with a sales surface ranging between 1000 and 2499 m2

#### **471103    Small supermarkets (400-999 m2)**

This type includes:

- non specialised retail sale with food predominance, on shops with a sales surface ranging between 400 and 999 m2

#### **471104    Large stores (100-399 m2)**

This type includes:

- non specialised retail sale with food predominance, on shops with a sales surface ranging between 100 and 399 m2

#### **471105    Small stores (< 100 m2)**

This type includes:

- non specialised retail sale with food predominance, on shops with a sales surface of less than 100m2

#### **4719      Other retail sale in non-specialised stores**

This class includes:

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

#### **471901    Department stores**

This type includes:

- non specialised retail sale without food predominance, on shops with a sales surface over 2500 m2

#### **471902    Retail sale in non-specialised stores n.e.c.**

This type includes:

- non specialised retail sale without food predominance, on shops with a sales surface smaller than 2500 m2

#### **472      Retail sale of food, beverages and tobacco in specialised stores**

#### **4721      Retail sale of fruit and vegetables in specialised stores**

#### **472100    Retail sale of fruit and vegetables in specialised stores**

This type includes:

- retail sale of fresh fruit and vegetables
- retail sale of prepared and preserved fruits and vegetables

4722      Retail sale of meat and meat products in specialised stores

472200    Retail sale of meat and meat products in specialised stores

This type includes:

- retail sale of meat and meat products (including poultry)

4723      Retail sale of fish, crustaceans and molluscs in specialised stores

472300    Retail sale of fish, crustaceans and molluscs in specialised stores

This type includes:

- retail sale of fish, other seafood and products thereof

4724      Retail sale of bread, cakes, flour confectionery and sugar confectionery in specialised stores

472401    Retail sale of bread, cakes, flour confectionery and sugar confectionery in specialised stores

This type includes:

- retail sale of bread, cakes, flour and sugar confectionery, chocolate and other cacao-based products, ice cream (own-produced or manufactured by other units), in bakeries and confectioner's shops

This type excludes:

- activities of ice cream parlours (see 561001)

472402    Bakeries - tea rooms

This type includes:

- retail sale of bread, cakes, pastries and confectionery at units providing seated places where one can consume drinks

This type excludes:

- activities of tea rooms (see 561001)
- retail trade of bread, cakes and confectionery (see 472401)

4725      Retail sale of beverages in specialised stores

472500    Retail sale of beverages in specialised stores

This type includes:

- retail sale of beverages (not for consumption on the premises):
  - alcoholic beverages
  - non-alcoholic beverages

4726      Retail sale of tobacco products in specialised stores

472600    Retail sale of tobacco products in specialised stores

This type includes:

- retail sale of tobacco
- retail sale of tobacco products

4729      Other retail sale of food in specialised stores

472901    Retail sale of dairy products and eggs

This type includes:

- retail sale of dairy products, eggs and products containing eggs

472902    Other retail sale of food, beverages and tobacco in specialised stores n.e.c.

This type includes in particular:

- retail sale of pasta, flours, dietetic and homogenized products, soups, condiments
- retail sale of oils and edible greases

This type excludes:

- retail sale of prepared and preserved fruits and vegetables (see 472100)

473 Retail sale of automotive fuel in specialised stores

4730 Retail sale of automotive fuel in specialised stores

**473000 Retail sale of automotive fuel in specialised stores**

This type includes:

- retail sale of fuel for motor vehicles and motorcycles

This type also includes:

- retail sale of lubricating products and cooling products for motor vehicles
- activities of newsstands, small shops and restaurants situated within gas stations

This type excludes:

- wholesale of fuels (see 467100)
- retail sale of liquefied petroleum, gas for cooking or household heating (see 477801)

474 Retail sale of information and communication equipment in specialised stores

This group includes retail sale of information and communications technology (ICT) equipment, such as computers and peripheral equipment, telecommunications equipment and consumer electronics, by specialised stores.

4741 Retail sale of computers, peripheral units and software in specialised stores

**474100 Retail sale of computers, peripheral units and software in specialised stores**

This type includes

- retail sale of computers
- retail sale of computer peripheral equipment
- retail sale of video game consoles
- retail sale of non-customised software, including video games

This type excludes:

- retail sale of blank tapes and disks (see 476300)
- retail sale of office furniture (see 475902)

4742 Retail sale of telecommunications equipment in specialised stores

**474200 Retail sale of telecommunications equipment in specialised stores**

This type includes:

- retail sale of telecommunication equipment:
  - telephones, fax machines, cellular phones, etc.

4743 Retail sale of audio and video equipment in specialised stores

**474300 Retail sale of audio and video equipment in specialised stores**

This type includes:

- retail sale of radio and television equipment
- retail sale of audio and video equipment
- retail sale of CD, DVD, etc. players and recorders

475 Retail sale of other household equipment in specialised stores

This group includes the retail sale of household equipment, such as textiles, hardware, carpets, electrical appliances or furniture, in specialised stores.

4751 Retail sale of textiles in specialised stores

475100 Retail sale of textiles in specialised stores

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.

This type excludes:

- retail sale of clothing (see 4771)

4752 Retail sale of hardware, paints and glass in specialised stores

475201 Retail sale of hardware goods

This type includes:

- retail sale of hardware:
  - screws, bolts, nails, hinges, locks, keys

475202 Other retail sale of hardware, paints, building and DIY materials

This type includes:

- retail sale of hardware (when sold along with other building materials and do-it-yourself items)
- retail sale of paints, varnishes and lacquers
- retail sale of flat glass and mirrors
- retail sale of other building material such as:
  - bricks, wood, sanitary equipment, chimneys, etc.
- retail sale of do-it-yourself material and equipment

This type also includes:

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

4753 Retail sale of carpets, rugs, wall and floor coverings in specialised stores

475300 Retail sale of carpets, rugs, wall and floor coverings in specialised stores

This type includes:

- retail sale of carpets and rugs
- retail sale of curtains and net curtains
- retail sale of wallpaper and floor coverings

This type excludes:

- retail sale of cork floor tiles (see 475202)

4754 Retail sale of electrical household appliances in specialised stores

475400 Retail sale of electrical household appliances in specialised stores

This type includes:

- retail sale of electrical household appliances in specialised stores

This type excludes:

- retail sale of audio and video equipment (see 474300)

4759 Retail sale of furniture, lighting equipment and other household articles in specialised stores

This class excludes stores specialised in:

- retail sale of antiques (see 477901)



**475901 Retail sale of musical instruments**

This type includes:

- retail sale of musical instruments, scores and accessories (strings, cases, lecterns, metronomes, etc)

**475902 Retail sale of furniture**

This type includes:

- retail sale of household furniture, garden furniture and camping furniture
- retail sale of mattresses

This type also includes:

- retail sale of office furniture

**475903 Retail sale of household utensils and fittings n.e.c.**

This type includes:

- retail sale of articles for lighting
- retail sale of household utensils and cutlery, crockery, glassware, china and pottery
- retail sale of wooden, cork and wickerwork goods
- retail sale of non-electrical household appliances
- retail sale of security systems, such as locking devices, safes, and vaults, without installation or maintenance services
- retail sale of household articles and equipment n.e.c.

This type excludes:

- retail sale of cork floor tiles (see 475202)

**476 Retail sale of cultural and recreation goods in specialised stores**

This group includes the retail sale in specialised stores of cultural and recreation goods, such as books, newspapers, music and video recordings, sporting equipment, games and toys.

**4761 Retail sale of books in specialised stores****476100 Retail sale of books in specialised stores**

This type includes:

- retail sale of books of all kinds

This type excludes:

- retail sale of second-hand or antique books (see 4779)

**4762 Retail sale of newspapers and stationery in specialised stores****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

**476202 Retail sale of writing materials and stationery**

This type includes:

- retail sale of office supplies such as pens, pencils, paper, etc.
- retail sale of school supplies, drawing paper, maps and other pedagogical supplies

**4763 Retail sale of music and video recordings in specialised stores****476300 Retail sale of music and video recordings in specialised stores**

This type includes:

- retail sale of musical records, audio tapes, compact discs and cassettes
- retail sale of video tapes and DVDs

This type also includes:  
- retail sale of blank tapes and discs

#### 4764 Retail sale of sporting equipment in specialised stores

This class includes:  
- retail sale of sports goods, fishing gear, camping goods, boats and bicycles

##### 476401 Retail sale of bicycles

This type includes:  
- retail sale of bicycles and their accessories

This type excludes:  
- repair of bicycles (see 952900)

##### 476402 Retail sale of sporting goods

This type includes:  
- retail sale of sports clothes  
- retail sale of sports shoes  
- retail sale of sports goods, camping goods included  
- retail sale of pleasure boats  
- retail sale of fishing gear

This type excludes:  
- retail sale of bicycles (see 476401)

#### 4765 Retail sale of games and toys in specialised stores

##### 476500 Retail sale of games and toys in specialised stores

This type includes:  
- retail sale of games and toys, made of all materials

This type excludes:  
- retail sale of video game consoles (see 474100)  
- retail sale of non-customised software, including video games (see 474100)

#### 477 Retail sale of other goods in specialised stores

This group includes the sale in specialised stores carrying a particular line of products not included in other parts of the classification, such as clothing, footwear and leather articles, pharmaceutical and medical goods, watches, souvenirs, cleaning materials, weapons, flowers and pets and others. Also included is the retail sale of used goods in specialised stores.

#### 4771 Retail sale of clothing in specialised stores

##### 477101 Retail sale of women's clothing

This type includes:  
- retail sale of clothing for women including leather clothes and working clothes  
- retail sale of clothing accessories for women (gloves, belts, hats, umbrellas, etc.)  
- retail sale of underwear

This type excludes:  
- retail sale of fur clothing (see 477104)  
- retail sale of textiles (see 475100)  
- retail sale of sports clothes (see 476402)

##### 477102 Retail sale of men's clothing

This type includes:  
- retail sale of clothing for men, leather clothes and working clothes  
- retail sale of clothing accessories for men (gloves, belts, hats, umbrellas, braces, etc.)

- retail sale of men's underwear

This type excludes:

- retail sale of textiles (see 475100)
- retail sale of sports clothes (see 476402)

#### **477103 Retail sale of babies' and children's clothing**

This type includes:

- retail sale of clothing for babies and children, including the leather clothes
- retail sale of accessories of clothing for babies and children (gloves, bonnets, belts, braces, etc.)

This type excludes stores specialised in:

- retail sale of textiles (see 475100)
- retail sale of sports clothes (see 476402)

#### **477104 Retail sale of furs**

This type includes:

- retail sale of fur clothing (coats, jackets, etc.)

This type excludes:

- retail sale of fur clothing accessories (see 477101, 477102, 477103, 477105)

#### **477105 Retail sale of clothing accessories and clothing equally combined**

This type includes:

- retail sale of clothing accessories and clothing included in types 477101, 477102, 477103 and 477104 equally combined

This type excludes:

- retail sale of textiles (see 475100)
- retail sale of sports clothes (see 476402)

#### **4772 Retail sale of footwear and leather goods in specialised stores**

##### **477201 Retail sale of footwear**

This type includes:

- retail sale of footwear

This type excludes:

- retail sale of orthopedic shoes (see 477400)
- retail sale of special sports equipment footwear such as ski boots (see 476402)

##### **477202 Retail sale of leather and travel 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 clothing and accessories of leather clothing (see 4771)

#### **4773 Dispensing chemist in specialised stores**

##### **477300 Dispensing chemist in specialised stores**

This type includes:

- retail sale of pharmaceuticals

4774 Retail sale of medical and orthopaedic goods in specialised stores

**477400 Retail sale of medical and orthopaedic goods in specialised stores**

This type includes:

- retail sale of medical and orthopaedic goods

4775 Retail sale of cosmetic and toilet articles in specialised stores

**477501 Drugstores**

This type includes:

- activities of drugstores

This type also includes:

- activities of herb trades

**477502 Perfume stores and other retail sale of cosmetics and toiletries**

This type includes:

- retail sale of perfumery, cosmetic and toilet articles

4776 Retail sale of flowers, plants, seeds, fertilisers, pet animals and pet food in specialised stores

**477601 Retail sale of grain, fodder and agricultural products**

This type includes:

- retail sale of cereals, seeds, straw, phytosanitary products, fertilisers, cattle feeds, 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 domestic, aquarium and terrarium animals
- retail sale of food and accessories for pets

4777 Retail sale of watches and jewellery in specialised stores

**477700 Retail sale of watches and jewellery in specialised stores**

This type includes:

- retail sale of watches, clocks, jewellery and metal plated articles

4778 Other retail sale of new goods in specialised stores

**477801 Retail sale of fuels and fuel oils**

This type includes:

- retail sale of household fuel oil, bottled gas, coal and fuel wood

This type excludes:

- retail sale of fuels for motor vehicles (see 473000)

**477802 Retail sale of glasses and other optical goods**

This type includes:

- activities of opticians
- retail sale of optical and precision equipment:
  - optical lenses, eyeglasses, contact lenses
  - telescopes, microscopes, etc.

This type also includes:

- activities of audioprothesists (hearing aid specialists)

**477803 Retail sale of photographic articles**

This type includes:

- retail sale of photographic cameras, objectives, flashes, projectors of films and slides, etc.

**477804 Retail sale of gifts and souvenirs**

This type includes:

- retail sale of gifts and souvenirs, craftwork and religious articles:
  - ashtrays, cigarette lighters, sports cups, trophies, etc.

**477805 Art trade**

This type includes:

- retail sale of objects of contemporary art (paintings, sculptures, lithography, etc.)
- activities of commercial art galleries
- retail trade services of commercial art galleries

This type excludes:

- retail sale of antiques (see 477901)

**477806 Other retail sale of goods in specialised stores n.e.c.**

This type includes:

- retail sale of weapons and ammunition
- retail sale of stamps and collection coins
- retail sale of non-food products n.e.c.
- retail sale of costume jewellery
- retail sale for products for cleaning and maintenance products
- retail sale of articles for babies (strollers, seats for babies, feeding-bottles, etc.)

**4779 Retail sale of second-hand goods in stores****477901 Retail sale of antiques**

This type includes:

- retail sale of antiques:
  - furniture, carpet, jewels, watches, clock, weapons, etc.

This type excludes:

- restoration of furniture (see 952400)
- retail sale of objects of contemporary art (see 477805)
- retail sale of stamps and coins (see 477806)
- restoration of art objects (see 900302)
- activities of pawn shops (see 649202)

**477902 Retail sale of second-hand goods in stores**

This type includes:

- retail sale of second-hand books
- retail sale of other second-hand goods:
  - clothing, vinyl records, furniture, household articles and electric appliances, etc.
- activities of auctioning houses (retail)

This type excludes:

- retail sale of second-hand motor vehicles (see 451)
- retail sale of second-hand motor bicycles (see 454000)
- retail trade of antiques (see 477901)
- activities of Internet auctions and other non-store auctions (retail) (see 479100 and 479900)
- activities of pawn shops (see 649202)

**478 Retail sale via stalls and markets**

This group includes the retail sale of any kind of new or second-hand product in a usually movable stall either along a public road or at a fixed marketplace.

**4781 Retail sale via stalls and markets of food, beverages and tobacco products**

**478100 Retail sale via stalls and markets of food, beverages and tobacco products**

This type includes:

- retail sale of food, beverages and tobacco products via stalls or markets

This type excludes:

- retail sale of prepared food for immediate consumption (mobile food vendors) (see 5610)

**4782 Retail sale via stalls and markets of textiles, clothing and footwear**

**478200 Retail sale via stalls and markets of textiles, clothing and footwear**

This type includes:

- retail sale of textiles, clothing and footwear via stalls or markets

**4789 Retail sale via stalls and markets of other goods**

**478900 Retail sale via stalls and markets of other goods**

This type includes:

- retail sale of other goods via stalls or markets, such as:
  - carpets and rugs
  - books
  - games and toys
  - household appliances and consumer electronics
  - music and video recordings

**479 Retail trade not in stores, stalls or markets**

This group includes retail sale activities by mail order houses, over the Internet, through door-to-door sales, vending machines, etc.

**4791 Retail sale via mail order houses or via Internet**

**479100 Retail sale via mail order houses or via Internet**

This type includes retail sale activities via mail order houses or via Internet, i.e. retail sale activities where the buyer makes his choice on the basis of advertisements, catalogues, information provided on a website, models or any other means of advertising and places his order by mail, phone or over the Internet (usually through special means provided by a website). The products purchased can be either directly downloaded from the Internet or physically delivered to the customer.

This type includes:

- retail sale of any kind of product by mail order
- retail sale of any kind of product over the Internet

This type also includes:

- direct sale via television, radio and telephone
- Internet retail auctions

This type excludes:

- retail sale of motor vehicles and motor vehicles parts and accessories over the Internet (see groups 451, 453)
- retail sale of motorcycles and motorcycles parts and accessories over the Internet (see 454000)

4799 Other retail sale not in stores, stalls or markets

479900 Other retail sale not in stores, stalls or markets

This type includes:

- retail sale of any kind of product in any way that is not included in previous classes:
  - by direct sales or door-to-door sales persons
  - through vending machines, etc.
- direct selling of fuel (heating oil, firewood, etc.), delivered to the customers premises
- activities of non-store auctions (retail, except Internet)
- retail sale by (non-store) commission agents

## H TRANSPORTATION AND STORAGE



This section includes the provision of passenger or freight transport, whether scheduled or not, by rail, pipeline, road, water or air and associated activities such as terminal and parking facilities, cargo handling, storage, etc. Included in this section is the renting of transport equipment with driver or operator. Also included are postal and courier activities.

This section excludes:

- major repair or alteration of transport equipment, except motor vehicles (see group 331)
- construction, maintenance and repair of roads, railways, harbours, airfields (see division 42)
- maintenance and repair of motor vehicles (see 4520)
- renting of transport equipment without driver or operator (see 771, 773)

### 49 LAND TRANSPORT AND TRANSPORT VIA PIPELINES

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

491 Passenger rail transport, interurban

4910 Passenger rail transport, interurban

#### 491000 Passenger rail transport, interurban

This type includes:

- rail transportation of passengers using railway rolling stock on mainline networks, spread over an extensive geographic area
- passenger transport by interurban railways
- operation of sleeping cars or dining cars as an integrated operation of railway companies

This type excludes:

- passenger transport by urban and suburban transit systems (see 493100)
- passenger terminal activities (see 522100)
- operation of railway infrastructure; related activities such as switching and shunting (see 522100)
- operation of sleeping cars or dining cars when operated by separate units (see 559000, 561001)

492 Freight rail transport

4920 Freight rail transport

#### 492000 Freight rail transport

This type includes:

- freight transport on mainline rail networks as well as shortline freight railway

This type excludes:

- warehousing and storage (see 521000)
- freight terminal activities (see 522100)
- operation of railway infrastructure; related activities such as switching and shunting (see 522100)
- cargo handling (see 522400)

493 Other passenger land transport

This group includes all land-based passenger transport activities other than rail transport. However, rail transport as part of urban or suburban transport systems is included there.

4931 Urban and suburban passenger land transport

#### 493100 Urban and suburban passenger transport

This type includes:

- land transport of passengers by urban or suburban transport systems. This may include different modes of land transport, such as by motor bus, tramway, streetcar, trolley bus, underground and elevated railways, etc. The transport is carried out on scheduled routes normally following a fixed time schedule, entailing the picking up and setting down of passengers at normally fixed stops



This type also includes:

- town-to-airport or town-to-station lines
- operation of funicular railways, aerial cableways, etc. if part of urban or suburban transit systems

This type excludes:

- passenger transport by interurban railways (see 491000)

**4932 Taxi operation**

**493200 Taxi operation**

This type includes:

- taxi operations

This type also includes:

- other renting of private cars with driver

**4939 Other passenger land transport n.e.c.**

**493901 Non-regular passenger land transport**

This type includes:

- non-regular passenger land transport:
  - charters, excursions and other occasional coach and bus services
  - airport shuttles

This type also includes:

- passenger transport by man- or animal-drawn vehicles

This type excludes:

- ambulance transport (see 869007)

**493902 Regular regional and interurban passenger transport**

This type includes:

- passenger interurban transport other than railway, such as Postcars and other regional buses normally following a fixed time schedule, entailing the picking up and setting down of passengers at normally fixed stops
- scheduled long-distance bus services

This type also includes:

- operation of school buses and buses for transport of employees

This type excludes:

- passenger transport in coaches for tourism purposes (see 493901)

**493903 Passenger transport by cableways, funiculars and ski-tows**

This type includes:

- operation of cable cars, funiculars, ski and cable lifts if not part of urban or suburban transit systems

**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
  - stock haulage
  - refrigerated haulage

- heavy haulage
- bulk haulage, including haulage in tanker trucks including milk collection at farms
- haulage of automobiles
- transport of waste and waste materials, without collection or disposal

This type also includes:

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

This type excludes:

- log hauling within the forest, as part of logging operations (see 024000)
- distribution of water by trucks (see 360000)
- operation of terminal facilities for handling freight (see 522100)
- crating and packing activities for transport (see 522900)
- post and courier activities (see 531000, 532000)
- waste transport as integrated part of waste collection activities (see 381100, 381200)

## 4942 Removal services

### 494200 Removal services

This type includes:

- removal (relocation) services to businesses and households by road transport

## 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

This type also includes:

- operation of pumping stations

This type excludes:

- distribution of natural or manufactured gas, steam or water (see 352200, 353000, 360000)
- transport of liquids by trucks (see 494100)

## 50 WATER TRANSPORT

This division includes the transport of passengers or freight over water, whether scheduled or not. Also included are the operation of towing or pushing boats, excursion, cruise or sightseeing boats, ferries, water taxis, etc. 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 sea-going 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 on board ships (see class 5610, 5630), if carried out by separate units.

### 501 Sea and coastal passenger water transport

This group includes the transport of passengers on vessels designed for operating on sea or coastal waters. Also included is the transport of passengers on great lakes, etc. when similar types of vessels are used.

### 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.

This type also includes:

- renting of pleasure boats with crew for sea and coastal water transport (e.g. for fishing cruises)

This type excludes:

- restaurant and bar activities on board ships, when provided by separate units (see 561001, 563001)
- renting of pleasure boats and yachts without crew (see 772100)
- renting of commercial ships or boats without crew (see 773400)
- operation of "floating casinos" (see 920000)

## 502 Sea and coastal freight water transport

This group includes the transport of freight on vessels designed for operating on sea or coastal waters. Also included is the transport of freight on great lakes, etc. when similar types of vessels are used.

## 5020 Sea and coastal freight water transport

### 502000 Sea and coastal freight water transport

This type includes:

- transport of freight over seas and coastal waters, whether scheduled or not
- transport by towing or pushing of barges, oil rigs, etc.

This type also includes:

- renting of vessels with crew for sea and coastal freight water transport

This type excludes:

- storage of freight (see 521000)
- harbour operation and other auxiliary activities such as docking, pilotage, lighterage, vessel salvage (see 522200)
- cargo handling (see 522400)
- renting of commercial ships or boats without crew (see 773400)

## 503 Inland passenger water transport

This group includes the transport of passengers on inland waters, involving vessels that are not suitable for sea transport.

## 5030 Inland passenger water transport

### 503000 Inland passenger water transport

This type includes:

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

This type also includes:

- renting of pleasure boats with crew for inland water transport

This type excludes:

- renting of pleasure boats and yachts without crew (see 772100)

## 504 Inland freight water transport

This group includes the transport of freight on inland waters, involving vessels that are not suitable for sea 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

This type also includes:

- renting of vessels with crew for inland freight water transport

This type excludes:

- cargo handling (see 522400)
- renting 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)
- overhaul of aircraft or aircraft engines (see 331600)
- operation of airports (see 522300)
- aerial advertising (sky-writing) (see 731100)
- aerial photography (see 742001)

### 511 Passenger air transport

#### 5110 Passenger air transport

##### 511000 Passenger air transport

This type includes:

- transport of passengers by air over regular routes and on regular schedules
- charter flights for passengers
- scenic and sightseeing flights

This type also includes:

- renting of air transport equipment with operator for the purpose of passenger transportation
- general aviation activities, such as:
  - transport of passengers by aero clubs for instruction or pleasure

This type excludes:

- renting of air transport equipment without operator (see 773500)

### 512 Freight air transport and space transport

#### 5121 Freight air transport

##### 512100 Freight air transport

This type includes:

- transport freight by air over regular routes and on regular schedules
- non-scheduled transport of freight by air

This type also includes:

- renting of air transport equipment with operator for the purpose of freight transportation

### 5122 Space transport

#### 512200 Space transport

This type includes:

- launching of satellites and space vehicles
- space transport of freight and passengers

## 52 WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION

This division includes warehousing and support activities for transportation, such as operating of transport infrastructure (e.g. airports, harbours, tunnels, bridges, etc.), the activities of transport agencies and cargo handling.

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, storage tanks, etc.

This type also includes:

- storage of goods in foreign trade zones
- blast freezing

This type excludes:

- parking facilities for motor vehicles (see 522100)
- 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, such as operation of parts of the transport infrastructure or activities related to handling freight immediately before or after transport or between transport segments. The operation and maintenance of all transport facilities is included.

5221 Service activities incidental to land transportation

**522100 Service activities incidental to land transportation**

This type includes:

- activities related to land transport of passengers, animals or freight:
- operation of terminal facilities such as railway stations, bus stations, stations for the handling of goods
- operation of railway infrastructure
- operation of roads, bridges, tunnels, car parks or garages, bicycle parkings, winter storage of caravans
- switching and shunting
- towing and road side assistance

This type also includes:

- liquefaction of gas for transportation purposes

This type excludes:

- cargo handling (see 522400)

5222 Service activities incidental to water transportation

**522200 Service activities incidental to water transportation**

This type includes:

- activities related to water transport of passengers, animals or freight:
- operation of terminal facilities such as harbours and piers
- operation of waterway locks, etc.
- navigation, pilotage and berthing activities
- lighterage, salvage activities
- lighthouse activities

This type excludes:

- cargo handling (see 522400)
- operation of marinas (see 932900)

5223 Service activities incidental to air transportation

**522300 Service activities incidental to air transportation**

This type includes:

- activities related to air transport of passengers, animals or freight:
  - operation of terminal facilities such as airway terminals, etc.
  - airport and air-traffic-control activities
  - ground service activities on airfields, etc.

This type also includes:

- firefighting and fire-prevention services at airports

This type excludes:

- cargo handling (see 522400)
- operation of flying schools (see 853200, 855300)

## 5224 Cargo handling

### 522400 Cargo handling

This type includes:

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

This type excludes:

- operation of terminal facilities (see 522100, 522200 and 522300)

## 5229 Other transportation support activities

### 522900 Other transportation support activities

This type includes:

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

This type excludes:

- courier activities (see 532000)
- provision of motor, marine, aviation and transport insurance (see 651202)
- activities of travel agencies (see 7911)
- activities of tour operators (see 791200)
- tourist assistance activities (see 7990)

## 53 POSTAL AND COURIER ACTIVITIES

This division includes postal and courier activities, such as pickup, transport and delivery of letters and parcels under various arrangements.

Local delivery and messenger services are also included.

### 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 locations, sorting and processing facilities, and carrier routes to pickup and deliver the mail. The delivery can include letter-post, i.e. letters, postcards, printed papers (newspaper,

periodicals, advertising items, etc.), 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 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 641912)

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 or international) of letter-post and (mail-type) parcels and packages by firms 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

This type excludes:

- transport of freight (see 492000, 494100, 502000, 504000, 512100, 512200) (according to mode of transport)

# I ACCOMMODATION AND FOOD SERVICE ACTIVITIES



This section includes the provision of short-stay accommodation for visitors and other travellers and the provision of complete 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 provision of long-term accommodation as primary residences, which is classified in real estate activities (section L). Also excluded is the preparation of food or drinks that are either not fit for immediate consumption or that are sold through independent distribution channels, i.e. through wholesale or retail trade activities. The preparation of these foods is classified in manufacturing (section C).

## 55 ACCOMMODATION

This division includes the provision of short-stay accommodation for visitors and other travellers. Also included is the provision of longer term accommodation for students, workers and similar individuals. Some units may provide only accommodation while others provide a combination of accommodation, meals and/or recreational facilities.

This division excludes activities related to the provision of long-term primary residences in facilities such as apartments typically leased on a monthly or annual basis classified in Real Estate (section L).

### 551 Hotels and similar accommodation

#### 5510 Hotels and similar accommodation

This class includes the provision of accommodation, typically on a daily or weekly basis, principally for short stays by visitors. This includes the provision of furnished accommodation in guest rooms and suites.

Services include daily cleaning and bed-making. A range of additional services may be provided such as food and beverage services, parking, laundry services, swimming pools and exercise rooms, recreational facilities as well as conference and convention facilities.

This class includes accommodation provided by:

- hotels
- resort hotels
- suite / apartment hotels
- motels

This class also includes:

- management of hotels

This class excludes:

- provision of homes and furnished or unfurnished flats or apartments for more permanent use, typically on a monthly or annual basis (see division 68)

#### 551001 Hotels, inns and guesthouses with restaurants

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)

#### 551002 Hotels, inns and guesthouses without restaurants

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

#### 551003 Management of hotels, inns and guesthouses

This type includes:



- management of units included in types 551001 and 551002

## 552 Holiday and other short-stay accommodation

### 5520 Holiday and other short-stay accommodation

This class includes the provision of accommodation, typically on a daily or weekly basis, principally for short stays by visitors, in self-contained space consisting of complete furnished rooms or areas for living/dining and sleeping, with cooking facilities or fully equipped kitchens. This may take the form of apartments or flats in small, free-standing multi-storey buildings or clusters of buildings, or single storey bungalows, chalets, cottages and cabins. Very minimal complementary services, if any, are provided.

This class includes accommodation provided by:

- children and other holiday homes
- visitor flats and bungalows
- cottages and cabins without housekeeping services
- youth hostels
- low-cost hostels
- mountain refuges

This class excludes:

- provision of furnished short-stay accommodation with daily cleaning, bed-making, food and beverage services (see 551001)
- provision of homes and furnished or unfurnished flats or apartments for more permanent use, typically on a monthly or annual basis (see division 68)

#### 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)
- hiring of furnished residences for long duration stays (see 682002)

#### 552002 Group accommodation

This type includes in particular:

- 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

#### 552003 Management of holiday apartments and collective accommodation

This type includes:

- management of units included in types 552001 to 552002

## 553 Camping grounds, recreational vehicle parks and trailer parks

### 5530 Camping grounds, recreational vehicle parks and trailer parks

#### 553001 Camping grounds, recreational vehicle parks and trailer parks

This type includes:

- renting of marked out area where visitors may stay with a caravan, mobile home or tent for a short or long period

This type also includes accommodation provided by:

- protective shelters or plain bivouac facilities for placing tents and/or sleeping bags

This type excludes:

- the hiring of caravans or motor homes (see 773900)

- the hiring of tents (see 772100)
- mountain refuges, cabins and hostels (see 5520)

## **553002 Management of camping grounds, recreational vehicle parks and trailer parks**

This type includes:

- management of camping grounds and recreational vehicle parks included in type 553001

559 Other accommodation

5590 Other accommodation

## **559000 Other accommodation**

This type includes the provision of temporary or longer-term accommodation in single or shared rooms or dormitories for students, migrant (seasonal) workers and other individuals.

This type includes:

- student residences
- school dormitories
- workers hostels
- rooming and boarding houses
- railway sleeping cars

## **56 FOOD AND BEVERAGE SERVICE ACTIVITIES**

This division includes food and beverage serving activities providing complete meals or drinks fit for immediate consumption, whether in traditional restaurants, self-service or take-away restaurants, whether as permanent or temporary stands with or without seating. Decisive is the fact that meals fit for immediate consumption are offered, not the kind of facility providing them.

Excluded is the production of meals not fit for immediate consumption or not planned to be consumed immediately or of prepared food which is not considered to be a meal (see divisions 10: manufacture of food products and 11: manufacture of beverages). Also excluded is the sale of not self-manufactured food that is not considered to be a meal or of meals which are not fit for immediate consumption (see section G: wholesale and retail trade).

561 Restaurants and mobile food service activities

5610 Restaurants and mobile food service activities

## **561001 Restaurants, cafes, snack bars, tea rooms, ice-cream parlours**

This type includes:

- providing food services to customers (as well as the sale of drinks accompanying these meals), whether they are served while seated or serve themselves from a display of items, whether they eat the prepared meals on the premises, take them out or have them delivered, with or without show performances. This includes the preparation and serving of meals for immediate consumption from motorised vehicles or non-motorised carts.

This type includes:

- restaurants
- self-service restaurants
- fast-food restaurants
- take-out eating places
- ice cream parlours and ice cream truck vendors
- mobile food carts
- pizza delivery
- food preparation in market stalls

This type also includes:

- restaurant and bar activities connected to transportation, when carried out by separate units

This type excludes:

- retail sale of food through vending machines (see 479900)

- concession operation of eating facilities (see 562900)
- restaurants management (see 561003)

## **561002 Restaurants with accommodation**

This type includes:

- restaurants providing accommodation without predomination of the latter. Explicit "restaurant" designation is not necessary:
- inns, pensions, motels and similar establishments

This type excludes:

- lodging in furnished hotels (regardless of the number of hotel rooms) (see 551002)
- restaurants management (see 561003)

## **561003 Management of restaurants**

This type includes:

- management of units included in types 561001 and 561002

## **562 Event catering and other food service activities**

This group includes catering activities for individual events or for a specified period of time and the operation of food concessions, such as at sports or similar facilities.

### **5621 Event catering activities**

## **562100 Event catering activities**

This type includes the provision of food services based on contractual arrangements with the customer, at the location specified by the customer, for a specific event.

This type excludes:

- manufacture of perishable food items for resale (see 108900)
- retail sale of perishable food items (see division 47)

### **5629 Other food service activities**

## **562900 Other food services**

This type includes industrial catering, i.e. the provision of food services based on contractual arrangements with the customer, for a specific period of time. Also included is the operation of food concessions at sports and similar facilities. The food is usually prepared in a central unit.

This type includes:

- activities of food service contractors (e.g. for transportation companies)
- operation of food concessions at sports and similar facilities
- 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 for resale (see 108900)
- retail sale of perishable food items (see division 47)

### **563 Beverage serving activities**

### **5630 Beverage serving activities**

This class includes preparation and serving beverages for immediate consumption on the premises.

This class excludes:

- reselling packaged/prepared beverages (see 47)
- retail sale of beverages through vending machines (see 479900)

## 563001 Bars

This type includes:

- pubs, bars
- taverns
- cocktail lounges
- beer parlours
- coffee shops
- fruit juice bars
- mobile beverage vendors

This type excludes:

- discotheques, dance halls and night clubs (see 563002)

## 563002 Discos, dance halls, night clubs

This type includes:

- discotheques, dance halls, night clubs (with beverage serving predominant)

This type excludes:

- operation of discotheques and dance floors without beverage serving (see 932900)

# J

# INFORMATION AND COMMUNICATION



This section includes the production and distribution of information and cultural products, the provision of the means to transmit or distribute these products, as well as data or communications, information technology activities and the processing of data and other information service activities.

The main components of this section are publishing activities (division 58), including software publishing, motion picture and sound recording activities (division 59), radio and TV broadcasting and programming activities (division 60), telecommunications activities (division 61), information technology activities (division 62) and other information service activities (division 63).

Publishing includes the acquisition of copyrights for 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. All the feasible forms of publishing (in print, electronic or audio form, on the Internet, as multimedia products such as CD-ROM reference books, etc.) are included in this section.

Activities related to production and distribution of TV programming span divisions 59, 60 and 61, reflecting different stages in this process. Individual components, such as movies, television series, etc. are produced by activities in division 59, while the creation of a complete television channel programme, from components produced in division 59 or other components (such as live news programming) is included in division 60. Division 60 also includes the broadcasting of this programme by the producer. The distribution of the complete television programme by third parties, i.e. without any alteration of the content, is included in division 61. This distribution in division 61 can be done through broadcasting, satellite or cable systems.

## 58

### PUBLISHING ACTIVITIES

This division includes the publishing of books, brochures, leaflets, dictionaries, encyclopaedias, atlases, maps and charts; publishing of newspapers, journals and periodicals; directory and mailing list and other publishing, as well as software publishing.

Publishing includes the acquisition of copyrights for 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. All the feasible forms of publishing (in print, electronic or audio form, on the Internet, as multimedia products such as CD-ROM reference books, etc.), except publishing of motion pictures, are included in this division.

This division excludes the publishing of motion pictures, video tapes and movies on DVD or similar media (division 59) and the production of master copies for records or audio material (division 59). Also excluded is printing (see 1811, 1812) and the mass reproduction of recorded media (see 1820)

## 581

### Publishing of books, periodicals and other publishing activities

This group includes activities of publishing books, newspapers, magazines and other periodicals, directories and mailing lists, and other works such as photos, engravings, postcards, timetables, forms, posters and reproductions of works of art. These works are characterised by the intellectual creativity required in their development and are usually protected by copyright.

## 5811

### Book publishing

#### 581100

#### Book publishing

This type includes the activities of publishing of books in print, electronic (CD, electronic displays, etc.) or audio form or on the Internet.

Included are:

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

This type excludes:

- production of globes (see 329900)

- publishing of advertising material (see 581900)
- publishing of music and sheet books (see 592000)
- activities of independent authors (see 900302)

## 5812 Publishing of directories and mailing lists

### 581200 Publishing of directories and mailing lists

This type includes the publishing of lists of facts/information (databases), that are protected in their form, but not in their content. These lists can be published in printed or electronic form.

This type includes:

- publishing of mailing lists
- publishing of telephone books
- publishing of other directories and compilations, such as case law, pharmaceutical compendia, etc.

## 5813 Publishing of newspapers

### 581300 Publishing of newspapers

This type includes the publishing of newspapers, including advertising newspapers, appearing at least four times a week. Publishing can be done in print or electronic form, including on the Internet.

This type excludes:

- new agency activities (see 639100)

## 5814 Publishing of journals and periodicals

### 581400 Publishing of journals and periodicals

This type includes the publishing of periodicals and other journals, appearing less than four times a week. Publishing can be done in print or electronic form, including on the Internet. Publishing of radio and television schedules is included here.

## 5819 Other publishing activities

### 581900 Other publishing activities

This type includes:

- publishing (including on-line) of:
  - catalogues
  - photos, engravings and postcards
  - greeting cards
  - forms
  - posters, reproduction of works of art
  - advertising material
  - other printed matter
- on-line publishing of statistics and other information

This type excludes:

- publishing of advertising newspapers (see 581300)
- on-line provision of software (application hosting and application service provisioning) (see 631100)

## 582 Software publishing

### 5821 Publishing of computer games

#### 582100 Publishing of computer games

This type includes:

- publishing of computer games for all platforms

**582900 Other software publishing**

This type includes:

- publishing of ready-made (non-customised) software, including translation or adaptation of non-customised software for a particular market on own account:
  - operating systems
  - business and other applications

This type excludes:

- reproduction of software (see 182000)
- retail sale of non-customised software (see 474100)
- production of software not associated with publishing, including translation or adaptation of non-customised software for a particular market on a fee or contract basis (see 620100)
- on-line provision of software (application hosting and application service provisioning) (see 631100)

**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 whether on film, video tape or disc for direct projection in theatres or for broadcasting on television; supporting activities such as film editing, cutting, dubbing, etc.; distribution of motion pictures and other film productions to other industries; as well as motion picture or projection of other film productions. Buying and selling of motion picture or other film productions distribution rights is also included.

This division also includes the sound recording activities, i.e. production of original sound master recordings, releasing, promoting and distributing them, publishing of music as well as sound recording service activities in a studio or elsewhere.

**591 Motion picture, video and television programme activities**

This group includes production of theatrical and non-theatrical motion pictures whether on film, video tape, DVD or other media, including digital distribution, for direct projection in theatres or for broadcasting on television; supporting activities such as film editing, cutting, dubbing, etc.; distribution of motion pictures or other film productions (video tapes, DVDs, etc.) to other industries; as well as their projection. Buying and selling of motion picture or any other film production distribution rights is 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, television programmes (television series, documentaries, etc.), or television advertisements

This type excludes:

- film duplicating (except reproduction of motion picture film for theatrical distribution) as well as audio and video tape, CD or DVD reproduction from master copies (see 182000)
- wholesale of recorded video tapes, CD-s, DVD-s (see 464302)
- wholesale of blank video tapes, CD-s (see 465200)
- retail trade of video tapes, CD-s, DVD-s (see 476300)
- post-production activities (see 591200)
- sound recording and recording of books on tape (see 592000)
- television broadcasting (see 602000)
- creating a complete television channel programme (see 602000)
- film processing other than for the motion picture industry (see 742002)
- activities of personal theatrical or artistic agents or agencies (see 749000)
- renting of video tapes, DVD-s to the general public (see 772200)
- real-time (i.e. simultaneous) closed captioning of live television performances of meetings, conferences, etc. (see 829900)
- activities of own account actors, cartoonists, directors, stage designers and technical specialists (see 900)

5912 Motion picture, video and television programme post-production activities

591200 Motion picture, video and television programme post-production activities

This type includes post-production activities such as editing, film/tape transfers, titling, subtitling, credits, closed captioning, computer-generated graphics, animation and special effects, developing and processing motion picture film, as well as activities of motion picture film laboratories and activities of special laboratories for animated films.

This type also includes:

- activities of stock footage film libraries, etc.

This type excludes:

- film duplicating (except reproduction of motion picture film for theatrical distribution) as well as audio and video tape, CD or DVD reproduction from master copies (see 182000)
- wholesale of recorded video tapes, CD-s, DVD-s (see 464302)
- wholesale of blank video tapes, CD-s (see 465200)
- retail trade of video tapes, CD-s, DVD-s (see 476300)
- film processing other than for the motion picture industry (see 742002)
- renting of video tapes, DVD-s to the general public (see 772200)
- activities of own account actors, cartoonists, directors, stage designers and technical specialists (see 900)

5913 Motion picture, video and television programme distribution activities

591300 Motion picture, video and television programme distribution activities

This type includes:

- distributing film, video tapes, DVD-s and similar productions to motion picture theatres, television networks and stations, and exhibitors

This type also includes:

- acquiring film, video tapes and DVD distribution rights

This type excludes:

- film duplicating as well as audio and video tape, CD or DVD reproduction from master copies (see 182000)
- wholesale of recorded video tapes and DVDs (see 464302)
- retail sale of recorded video tapes and DVDs (see 476300)

5914 Motion picture projection activities

591400 Motion picture projection activities

This type includes:

- activities of motion picture or videotape projection in cinemas, in the open air or in other projection facilities
- activities of cine-clubs

592 Sound recording and music publishing activities

5920 Sound recording and music publishing activities

592000 Sound recording and music publishing activities

This type includes the activities of production of original (sound) master recordings, such as tapes, CD-s; releasing, promoting and distributing sound recordings to wholesalers, retailers or directly to the public. These activities might be integrated or not with the production of master recordings in the same unit. If not, the unit exercising these activities has to obtain the reproduction and distribution rights to master recordings.

This type also includes sound recording service activities in a studio or elsewhere, including the production of taped (i.e. non-live) radio programming.



This type also includes the activities of 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. Units engaged in these activities may own the copyright or act as administrator of the music copyrights on behalf of the copyright owners. Publishing of music and sheet books is included here.

## 60

### PROGRAMMING AND BROADCASTING ACTIVITIES

This division includes the activities of creating content or acquiring the right to distribute content and subsequently broadcasting that content, such as radio, television and data programs of entertainment, news, talk, and the like. Also included is data broadcasting, typically integrated with radio or TV broadcasting. The broadcasting can be performed using different technologies, over-the-air, via satellite, via a cable network or via Internet. This division also includes the production of programs that are typically narrowcast in nature (limited format, such as news, sports, education, and youth-oriented programming) on a subscription or fee basis, to a third party, for subsequent broadcasting to the public.

This division excludes the distribution of cable and other subscription programming (see division 61).

601 Radio broadcasting

6010 Radio broadcasting

601000 Radio broadcasting

This type includes:

- activities of broadcasting audio signals through radio broadcasting studios and facilities for the transmission of aural programming to the public, to affiliates or to subscribers

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 stations)
- data broadcasting integrated with radio broadcasting

This type excludes:

- the production of taped radio programming (see 592000)

602 Television programming and broadcasting activities

6020 Television programming and broadcasting activities

602000 Television programming and broadcasting activities

This type includes the creation of a complete television channel programme, from purchased programme components (e.g. movies, documentaries, etc.), self-produced programme components (e.g. local news, live reports) or a combination thereof.

This complete television programme can either be broadcast by the producing units or produced for transmission by a third party distributor, such as cable companies or satellite television providers.

The programming may be of a general or specialised nature (e.g. limited formats such as news, sports, education or youth-oriented programming). This type includes programming that is made freely available to users, as well as programming that is available only on a subscription basis. The programming of video-on-demand channels is also included here.

This type also includes:

- data broadcasting integrated with television broadcasting.

This type excludes:

- the production of television programme elements (movies, documentaries, talk shows, commercials, etc.) not associated with broadcasting (see 591100)
- the assembly of a package of channels and distribution of that package, without programming (see 61)

## 61 TELECOMMUNICATIONS

This division includes the activities of providing telecommunications and related service activities, that is 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. The breakdown in this division is based on the type of infrastructure being operated.

In the case of transmission of television signals, this may include the bundling of complete programming channels (produced in division 60) in to programme packages for distribution.

### 611 Wired telecommunications activities

#### 6110 Wired telecommunications activities

##### 611000 Wired telecommunications activities

This type includes:

- operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a wired telecommunications infrastructure, including:
  - operating and maintaining switching and transmission facilities to provide point-to-point communications via landlines, microwave or a combination of landlines and satellite linkups
  - operating of cable distribution systems (e.g. for distribution of data and television signals)
  - furnishing telegraph and other non-vocal communications using own facilities

The transmission facilities that carry out these activities, may be based on a single technology or a combination of technologies.

This type also includes:

- purchasing access and network capacity from owners and operators of networks and providing telecommunications services using this capacity to businesses and households
- provision of Internet access by the operator of the wired infrastructure

This type excludes:

- telecommunications resellers (see 619000)

### 612 Wireless telecommunications activities

#### 6120 Wireless telecommunications activities

##### 612000 Wireless telecommunications activities

This type includes:

- operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a wireless telecommunications infrastructure
- maintaining and operating paging as well as cellular and other wireless telecommunications networks

The transmission facilities provide omni-directional transmission via airwaves and may be based on a single technology or a combination of technologies.

This type also includes:

- purchasing access and network capacity from owners and operators of networks and providing wireless telecommunications services (except satellite) using this capacity to businesses and households
- provision of Internet access by the operator of the wireless infrastructure

This type excludes:

- telecommunications resellers (see 619000)

### 613 Satellite telecommunications activities

#### 6130 Satellite telecommunications activities

##### 613000 Satellite telecommunications activities

This type includes:

- operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a satellite telecommunications infrastructure
- 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 (The units classified here do not generally originate programming material.)

This type also includes:

- provision of Internet access by the operator of the satellite infrastructure

This type excludes:

- telecommunications resellers (see 619000)

619 Other telecommunications activities

6190 Other telecommunications activities

**619000 Other telecommunications activities**

This type includes:

- provision of specialised telecommunications applications, such as satellite tracking, communications telemetry, and radar station operations
- operation of satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems
- provision of Internet access over networks between the client and the ISP not owned or controlled by the ISP, such as dial-up Internet access, etc.
- provision of telephone and Internet access in facilities open to the public
- provision of telecommunications services over existing telecom connections:
  - VOIP (Voice Over Internet Protocol) provision
- telecommunications resellers (i.e. purchasing and reselling network capacity without providing additional services)

This type excludes:

- provision of Internet access by operators of telecommunications infrastructure (see 611000, 612000, 613000)

**62 COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES**

This division includes the following activities of providing expertise in the field of information technologies: writing, modifying, testing and supporting software; 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; and other professional and technical computer-related activities.

620 Computer programming, consultancy and related activities

6201 Computer programming activities

**620100 Computer programming activities**

This type includes the writing, modifying, testing and supporting of software.

This type includes:

- designing the structure and content of, and/or writing the computer code necessary to create and implement:
  - systems software (including updates and patches)
  - software applications (including updates and patches)
  - databases
  - 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 excludes:

- publishing packaged software (see 582900)

- translation or adaptation of non-customised software for a particular market on own account (see 582900)
- planning and designing computer systems that integrate computer hardware, software, and communication technologies, even though providing software might be an integral part (see 620200)

## 6202 Computer consultancy activities

### 620200 Computer consultancy activities

This type includes the planning and designing of computer systems which integrate computer hardware, software and communication technologies. Services may include related user training.

This type excludes:

- sale of computer hardware or software (see 4651, 474100)
- installation of mainframe and similar computers (see 332000)
- installation (setting-up) of personal computers (see 620900)
- installation of software, computer disaster recovery (see 620900)

## 6203 Computer facilities management activities

### 620300 Computer facilities management activities

This type includes the provision of on-site management and operation of clients' computer systems and/or data processing facilities, as well as related support services.

## 6209 Other information technology and computer service activities

### 620900 Other information technology and computer service activities

This type includes other information technology and computer related activities not elsewhere classified, such as:

- computer disaster recovery services
- installation (setting-up) of personal computers
- software installation services

This type excludes:

- installation of mainframe and similar computers (see 332000)
- computer programming (see 620100)
- computer consultancy (see 620200)
- computer facilities management (see 620300)
- data processing and hosting (see 631100)

## 63 INFORMATION SERVICE ACTIVITIES

This division includes the activities of web search portals, data processing and hosting activities, as well as other activities that primarily supply information.

### 631 Data processing, hosting and related activities; web portals

This group includes the activities of providing infrastructure for hosting, data processing services and related activities, as well as the provision of search facilities and other portals for the Internet.

#### 6311 Data processing, hosting and related activities

##### 631100 Data processing, hosting and related activities

This type includes:

- provision of infrastructure for hosting, data processing services and related activities
- specialised hosting activities such as:
  - Web hosting
  - streaming services
  - application hosting
- application service provisioning
- general time-share provision of mainframe facilities to clients
- data processing activities:

- complete processing of data supplied by clients
- generation of specialised reports from data supplied by clients
- provision of data entry services

This type excludes:

- activities where the supplier uses the computers only as a tool are classified according to the nature of the services rendered

## 6312 Web portals

### 631200 Web portals

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
- operation of other websites that act as portals to the Internet, such as media sites providing periodically updated content

This type excludes:

- publishing of books, newspapers, journals, etc. via Internet (see division 58)
- broadcasting via Internet (see division 60)

## 639 Other information service activities

This group includes the activities of news agencies and all other remaining information service activities.

This group excludes:

- activities of libraries and archives (see 910100)

## 6391 News agency activities

### 639100 News agency activities

This type includes:

- news syndicate and news agency activities furnishing news, pictures and features to the media

This type excludes:

- activities of independent photo-journalists (see 742001)
- activities of independent journalists (see 900303)

## 6399 Other information service activities n.e.c.

### 639900 Other information service activities n.e.c.

This type includes other information service activities not elsewhere classified such as:

- computer-based telephone information services
- information search services on a contract or fee basis
- news clipping services, press clipping services, etc.

This type excludes:

- activities of call centres (see 822000)

## K FINANCIAL AND INSURANCE ACTIVITIES



This section includes financial service activities, including insurance, reinsurance and pension funding activities, and activities to support financial services.

This section also includes the activities of holding assets, such as activities of holding companies and the activities of trusts, funds and similar financial entities.

### 64 FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE AND PENSION FUNDING

This division includes the activities of obtaining and redistributing funds other than for the purpose of insurance or pension funding or compulsory social security.

Note:

The activities of the units matching types 641901 to 641910 and 649201 are subject to the Federal Act on Banks and Savings Banks (Federal Act 8 November 1934, revised 28 September 1999). The distribution of the banks used here is established by the Swiss National Bank for Banks Statistics (SNB publication "The Banks in Switzerland").

#### 641 Monetary intermediation

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

#### 6411 Central banking

##### 641100 Swiss National Bank

This type includes:

- providing the country's money market with liquidity
- ensuring the supply and distribution of cash in the country
- facilitating and securing the operation of the country's cashless payment systems
- managing the country's currency reserves
- contributing to the stability of the country's financial system
- acting as banker to the government

#### 6419 Other monetary intermediation

This class includes the receiving of deposits and/or close substitutes for deposits and extending of credit or lending funds. The granting of credit can take a variety of forms, such as loans, mortgages, credit cards, etc.

These activities are generally carried out by monetary institutions other than central banks, such as:

- banks
- savings banks
- credit unions

This class also includes:

- postal giro and postal savings bank activities
- credit granting for house purchase by specialised deposit-taking institutions
- money order activities

This class excludes:

- credit granting for house purchase by specialised non-depository institutions (see 6492)
- credit card transaction processing and settlement activities (see 661900)

##### 641901 Banks with a special field of business

This type includes:

- Central mortgage bond institute of the Swiss Cantonal Banks
- Mortgage bond bank of the Swiss mortgage institutions
- RBA central bank
- Clientis AG
- SIS Segalntersettle AG
- SIS x-clear AG

**641902 Cantonal banks**

The key characteristic of a cantonal bank is that the canton is the major shareholder. Most cantonal banks operate in all fields of business, although they are particularly strong in the savings and mortgage business. The majority of the cantonal banks continue to profit from an unlimited cantonal guarantee, even though a cantonal guarantee has, since 1999, no longer been regarded as a constitutive feature of a cantonal bank.

**641903 Big banks**

In terms of total assets, earnings and personnel numbers, the big banks constitute by far the largest category of banks in Switzerland. They cover all types of banking business, domestically and abroad. These businesses include asset management, retail banking, investment banking and derivatives transactions.

**641904 Regional banks and saving banks**

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. Most business is regional. The majority of these banks are members of the RBA Holding, which assists its members in back-office operations.

**641905 Raiffeisen banks**

The Raiffeisen banks, organised in the form of cooperatives, focus mostly on traditional interest rate business with mortgages and corporate loans, on the one hand, and customer savings and deposits on the other. Although most business done by individual offices is regional, the Swiss Union of Raiffeisen banks operates throughout the country. The Swiss Union of Raiffeisen banks guarantees all the liabilities of its member banks, while the member banks bear liability for the Union.

**641906 Commercial banks**

Banks in this category operate in all fields of corporate and retail banking and asset management, as well as in investment banking. Their geographical scope of business is mostly domestic.

**641907 Stock Exchange banks**

These banks focus on the field of asset management. They serve clients both inside and outside Switzerland.

**641908 Foreign-controlled banks**

Many foreign-controlled banks operate in all field of business, but some of them focus on asset management or investment banking. In the case of asset management, the clientele is usually foreign. A bank is deemed to be foreign-controlled if foreigners with a qualified participation in the bank directly or indirectly hold more than one half of its voting shares, or if they exercise a controlling interest in any other manner.

**641909 Branches of foreign banks**

Most branches of foreign banks operate in the field of investment banking. They focus in their geographical scope of activities particularly on their country of origin. 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 subordinated to their parent company.

**641910 Private bankers**

Most private bankers work in the field of asset management. Their clientele is both domestic and foreign. Private bankers are organised in the form of sole proprietorships, limited and general partnerships. Those private bankers who do not actively seek deposits may waive the statutory transfer to reserve funds, since the partners are jointly and severally liable. In addition, they are not required to publish either annual or interim financial statements.

## 641911 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 641910)

## 641912 Other monetary intermediation n.e.c.

This type includes:

- other monetary intermediations not comprised in banking statistics:
  - activities of Postfinance, etc

## 642 Activities of holding companies

## 6420 Activities of holding companies

## 642001 Activities of financial holding companies

This type includes:

- the activities of holding companies, i.e. units that hold the assets (owning controlling-levels of equity) of a group of subsidiary corporations\* and whose principal activity is owning the group. The holding companies in this type do not provide any other service to the businesses in which the equity is held, i.e. they do not administer or manage other units.

\*active in the financial sector, e.g. banks

This type excludes:

- active management of companies and enterprises, strategic planning and decision making of the company (see 7010)
- activities of other holding companies (see 642002)

## 642002 Activities of other holding companies

This type includes the activities of holding companies, i.e. units that hold the assets (owning controlling-levels of equity) of a group of subsidiary corporations\* and whose principal activity is owning the group. The holding companies in this type do not provide any other service to the businesses in which the equity is held, i.e. they do not administer or manage other units.

\*active in sectors other than the financial sector

This type excludes:

- active management of companies and enterprises, strategic planning and decision making of the company (see 7010)
- activities of financial holding companies (see 642001)

## 643 Trusts, funds and similar financial entities

## 6430 Trusts, funds and similar financial entities

## 643000 Trusts, funds and similar financial entities

This type includes legal entities organised to pool securities or other financial assets, without managing, on behalf of shareholders or beneficiaries. The portfolios are customised to achieve specific investment characteristics, such as diversification, risk, rate of return, and 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:

- open-end investment funds
- trusts, estates or agency accounts, administered on behalf of the beneficiaries under the terms of a trust agreement, will or agency agreement
- unit investment trust funds

This type excludes:



- funds and trusts that earn revenue from the sale of goods or services (see NOGA type according to their principal activity)
- activities of holding companies (see 6420)
- pension funding (see 653000)
- management of funds (see 663002)

## 649 Other financial service activities, except insurance and pension funding

This group includes financial service activities other than that conducted by monetary institutions

This group excludes:

- insurance and pension funding (see division 65)

## 6491 Financial leasing

### 649100 Financial leasing

This type includes:

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

This type excludes:

- operational leasing (see division 77) according to the type of goods leased

## 6492 Other credit granting

This class includes financial service activities primarily concerned with making loans by institutions not involved in monetary intermediation, where the granting of credit can take a variety of forms, such as loans, mortgages, credit cards, etc., providing the following types of services:

- granting of consumer credit
- international trade financing
- provision of long-term finance to industry by industrial banks
- money lending outside the banking system
- credit granting for house purchase by specialised non-depository institutions
- pawnshops and pawnbrokers

This class excludes:

- credit granting for house purchase by specialised institutions that also take deposits (see 6419)
- operational leasing (see division 77) according to type of goods leased
- grant giving activities by membership organisations (see 949901)

### 649201 Consumer credit granting n.e.c.

This type includes:

- activities of establishments specialised in personal loan, financing hire-purchases and consumer credit, included in the SNB (Swiss National Bank) banking statistics

### 649202 Other credit granting n.e.c.

This type includes:

- activities of establishments specialised in credit granting not included in the SNB (Swiss National Bank) banking statistics

This type also includes:

- pawnshops and pawnbrokers

## 6499 Other financial service activities, except insurance and pension funding n.e.c.

This class excludes:

- financial leasing (see 649100)
- security dealing on behalf of others (see 661200)
- trade, leasing and renting of real estate property (see division 68)
- bill collection without debt buying up (see 829100)

- grant-giving activities by membership organisations (see 949901)

#### 649901 Investment intermediation

This type includes:

- own-account investment activities, such as by venture capital companies, investment clubs, etc.
- closed-end investment funds
- stock broking (securities : shares, debentures) on own account

#### 649902 Group treasury companies

Corporate treasury companies are mainly responsible for ensuring corporate-wide treasury management within a group of companies. Services provided to the affiliated companies include:

- surplus asset management, mainly through intercompany loans
- provision of financing solutions (third party loans, financial product launch, leasing, factoring, etc.)
- currency exchange risk hedging and interest rate-risk hedging
- consulting services on the above-mentioned operations

#### 649903 Other financial intermediation n.e.c.

This type includes:

- other financial service activities primarily concerned with distributing funds other than by making loans:
  - factoring activities
  - writing of swaps, options and other hedging arrangements
  - activities of viatical settlement companies

### 65 INSURANCE, REINSURANCE AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY

This division includes the underwriting of annuities and insurance policies and investing premiums to build up a portfolio of financial assets to be used against future claims. Provision of direct insurance and reinsurance are included.

#### 651 Insurance

This group includes life insurance with or without a substantial savings element and other non-life insurance.

#### 6511 Life insurance

#### 651100 Life insurance

This type includes:

- underwriting annuities and life insurance policies, disability income insurance policies, and accidental death and dismemberment insurance policies (with or without a substantial savings element).

#### 6512 Non-life insurance

#### 651201 Accident insurance (SUVA)

This type includes:

- Swiss Accident Insurance Fund (SUVA)
- SUVA branch offices
- Aargau Canton Accident Insurance Fund\* and Zurich Municipal Accident Insurance Fund\*\*
- Alternate accident insurance\*\*\*

\* Aargau Canton Accident Insurance Fund

(<http://www.ava.ag.ch/startseite/unfallversicherung/profil/profil.html>)

\*\* Zurich Municipal Accident Insurance Fund ([http://www.stadt-zuerich.ch/internet/uvz/unfall/ihre\\_Versicherung/home.html](http://www.stadt-zuerich.ch/internet/uvz/unfall/ihre_Versicherung/home.html))

\*\*\* Alternate Accident Insurance Fund (created by other accident insurance providers to cover employees who are not insured by SUVA, nor are covered by another insurance policy taken out by their employer). (<http://www.ersatzkasse.ch/28.html>)

## 651202 Accident and indemnity insurance

This type includes:

- insurances other than life insurance:

- accident insurance
- health 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:

- health insurer activities (see 651203)

## 651203 Health insurance

This type includes:

- basic health and supplementary insurances as well as accident insurances provided by health insurers

## 651204 Other non-life insurance (excl. mandatory social security) n.e.c.

This type includes:

- cantonal fire-insurance offices
- cantonal and occupational family compensation funds
- other insurance (excl. mandatory social security) not classified elsewhere

## 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 carriers, retrocession of risks between reinsurance companies and activities of captives

## 653 Pension funding

## 6530 Pension funding

## 653000 Pension funding

This type includes private or public pension companies (foundations, co-operative societies) concerned with legal mandatory or optional occupational pension.

This type includes:

- pension companies which provide statutory benefits and have active insured members
- frozen or ceasing-activity pension companies, without active insured members
- benevolent funds without insured members entitled to benefits
- financing foundations

This type excludes:

- management of pension funds (see 663002)
- compulsory social security schemes (see 843000)
- investment funds and foundations (see 663001)
- vested benefits foundations (see 663002)

## **66 ACTIVITIES AUXILIARY TO FINANCIAL SERVICES AND INSURANCE ACTIVITIES**

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

### **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.

#### **6611 Administration of financial markets**

##### **661100 Administration of financial markets**

This type includes the operation and supervision of financial markets other than by public authorities, such as:

- commodity contract exchanges
- futures commodity contract exchanges
- securities exchanges (shares, debentures)
- stock exchanges
- stock or commodity options exchanges

#### **6612 Security and commodity contracts brokerage**

##### **661200 Security and commodity contracts brokerage**

This type includes:

- dealing in financial markets on behalf of others and related activities
- securities brokerage (shares, debentures)
- commodity contracts brokerage
- activities of bureaux de change, etc.

This type excludes:

- dealing in markets on own account (see 649901)
- portfolio management, on a fee or contract basis (see 663002)

#### **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 activities auxiliary to financial intermediation n.e.c.:

- financial transaction processing and settlement activities, including for credit card transactions
- investment advisory services
- activities of mortgage advisers and brokers

This type also includes:

- trustee, fiduciary and custody services on a fee or contract basis

This type excludes:

- activities of insurance agents and brokers (see 662200)
- management of funds (see 663002)

### **662 Activities auxiliary to insurance and pension funding**

This group includes acting as agents (i.e. brokers) in selling annuities and insurance policies or providing other employee benefits and insurance and pension related services such as claims adjustment and third party administration.

#### **6621 Risk and damage evaluation**

##### **662100 Risk and damage evaluation**

This type includes the provision of administration services of insurance, such as assessing and settling insurance claims. This includes:

- 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 749000)
- investigation activities (see 803000)

## 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 Other activities auxiliary to insurance and pension funding

### 662901 Occupational / cantonal equalisation funds

This type includes:

- cantonal and occupational compensation funds for old-age and survivor's insurance
- compensation fund branch offices

This type excludes:

- municipal compensation fund offices for old-age and survivor's insurance, if managed at the municipal level (see 841200)
- compensation fund for old-age and survivors' insurance, disability (see 843000)
- compensation fund for unemployment insurance (see 843000)

### 662902 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

This type excludes:

- marine salvage activities (see 522200)

## 663 Fund management activities

### 6630 Fund management activities

This class includes portfolio and fund management activities on a fee or contract basis, for individuals, businesses and others, such as:

- management of mutual funds
- management of other investment funds
- management of pension funds

### 663001 Funds intermediation

This type includes:

- management of mutual funds authorised by Swiss law (mutual funds investing in securities, real estate or other assets). Mutual fund managers are free to decide how best to allocate assets, generally for the purpose of spreading risk, acting in his/her own name as well as on behalf of investors.\*

In particular it carries out the following activities:

- decides on the issuance of shares, investments and their valuation
- calculates the net inventory value
- establishes the issue and repurchase price of shares as well as the distribution of profits
- exercises all rights applicable to investment funds

\*As defined by Art. 2 and 11 of the Mutual Funds Act of 18 March 1994

This type also includes:

- investment funds and foundations

This type excludes:

- activities carried out by depositary banks (see 6419)
- leasing activities (see 649100)
- activities carried out by securities brokers (see 661200)
- activities carried out by independent asset managers (see 663002)
- activities carried out by mutual fund distributors (see 661900)
- activities of representatives of funds domiciled abroad (see 661900)
- marketing and selling of real estate, buildings and accommodation (see 68)
- operational renting and leasing activities (see 77)

<b>663002</b>	<b>Fund management activities</b>
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This type includes:

- independent management of assets owned by third parties (managing accounts, holding securities as custodian)

This type also includes:

- vested benefits foundations

This type excludes:

- activities carried out by mutual fund distributors (see 661900)
- activities of representatives of funds domiciled abroad (see 661900)

## L REAL ESTATE ACTIVITIES



This section includes acting as lessors, agents and/or brokers in one or more of the following: selling or buying real estate, renting real estate, providing other real estate services such as appraising real estate or acting as real estate escrow agents. Activities in this section may be carried out on own or leased property and may be done on a fee or contract basis. Also included is the building of structures, combined with maintaining ownership or leasing of such structures.

This section includes real estate property managers.

### 68 REAL ESTATE ACTIVITIES

681 Buying and selling of own real estate

6810 Buying and selling of own real estate

#### 681000 Buying and selling of own real estate

This type includes:

- buying and selling of self-owned real estate:

- apartment buildings and dwellings
- non-residential buildings, including exhibition halls, self-storage facilities, malls and shopping centres
- land

This type also includes

- subdividing real estate into lots, without land improvement

This type excludes:

- development of building projects for sale (see 411000)
- subdividing and improving of land (see 429900)

682 Renting and operating of own or leased real estate

6820 Renting and operating of own or leased real estate

#### 682001 Letting of own or leased land

This type includes:

- renting and operating of self-owned or leased land

This type excludes:

- operation of campgrounds, trailer parks (see 553001)

#### 682002 Letting of own or leased buildings and dwellings

This type includes:

- renting and operating of other self-owned or leased real estate:

- apartment buildings and dwellings
- non-residential buildings, including exhibition halls and self-storage facilities

- provision of homes and furnished or unfurnished flats or apartments for more permanent use, typically on a monthly or annual basis

This type also includes:

- development of building projects for own operation

This type excludes:

- operation of hotels, suite hotels, holiday homes, rooming houses, and other non-residential or short-stay accommodation places (see division 55)

683 Real estate activities on a fee or contract basis

6831 Real estate agencies

**683100 Real estate agencies**

This type includes the provision of real estate activities by real estate agencies:

- intermediation in buying, selling and renting of real estate on a fee or contract basis
- advisory activities and appraisal services in connection to buying, selling and renting of real estate, on a fee or contract basis
- real estate escrow agents activities

This type excludes:

- legal activities (see 6910)

6832 Management of real estate on a fee or contract basis

**683200 Management of real estate on a fee or contract basis**

This type includes:

- management of real estate on a fee or contract basis

This type also includes:

- rent collection

This type excludes:

- legal activities (see 6910)
- facilities support services (combination of services such as general interior cleaning, maintenance and making minor repairs, refuse disposal, guard and security) (see 811000)
- management of facilities, such as military bases, prisons and other facilities (except computer facilities management) (see 811000)



## M

## PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES



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.

69

### LEGAL AND ACCOUNTING ACTIVITIES

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

It also includes accounting and bookkeeping services such as auditing of accounting records, preparing financial statements and bookkeeping.

691 Legal activities

6910 Legal activities

691001 Attorney, notary practice

This type includes:

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

This type excludes:

- law court activities (see 842301)

691002 Patent lawyers, patent licensing companies

This type includes:

- general counselling and advising, preparation and certification of legal documents related to patents, licences, trademarks and copyrights

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
- preparation or auditing of financial accounts
- examination of accounts and certification of their accuracy
- preparation of personal and business income tax returns
- advisory activities and representation on behalf of clients before tax authorities

This type excludes:

- data-processing and tabulation activities (see 631100)
- management consultancy on accounting systems, budgetary control procedures (see 702200)
- bill collection (see 829100)

## **70 ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY ACTIVITIES**

This division includes the provision of advice and assistance to businesses and other organisations on management issues, such as strategic and organisational planning; financial planning and budgeting; marketing objectives and policies; human resource policies, practices, and planning; production scheduling; and control planning. It also includes the overseeing and managing of other units of the same company or enterprise, i.e. the activities of head offices.

### **701 Activities of head offices**

#### **7010 Activities of head offices**

This class includes activities of:

- head offices
- centralised administrative offices
- corporate offices
- district and regional offices
- subsidiary management offices

This class excludes:

- activities of holding companies, not engaged in managing (see 6420)

#### **701001 Activities of head offices of financial companies**

This type includes:

- the overseeing and managing of other units of the company or enterprise; undertaking the strategic or organisational planning and decision-making role of the company or enterprise\*. Units in this type exercise operational control and manage the day-to-day operations of their related units.

\*active in the financial sector, e.g. banks

This type excludes:

- activities of holding companies, not engaged in managing (see 6420)

#### **701002 Activities of head offices of other companies**

This type includes:

- the overseeing and managing of other units of the company or enterprise; undertaking the strategic or organisational planning and decision making role of the company or enterprise\*. Units in this type exercise operational control and manage the day-to-day operations of their related units.

\*active in sectors other than the financial sector

This type excludes:

- activities of holding companies, not engaged in managing (see 6420)

### **702 Management consultancy activities**

#### **7021 Public relations and communication activities**

#### **702100 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 excludes:

- advertising agencies and media representation services (see 731)
- market research and public opinion polling (see 732000)

#### **7022 Business and other management consultancy activities**

#### **702200 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, such as corporate strategic and organisational planning, business

process re-engineering, change management, cost reduction and other financial issues; marketing objectives and policies; human resource 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
- advice and help to businesses and public services in planning, organisation, efficiency and control, management information, etc.

This type excludes:

- design of computer software for accounting systems (see 620100)
- legal advice and representation (see 6910)
- accounting, book-keeping and auditing activities, tax consulting (see 692000)
- architectural and engineering advisory activities (see 7111, 7112)
- environmental, agronomy, security and similar consulting activities (see 749000)
- executive placement or search consulting activities (see 781000)
- educational consulting activities (see 856000)

## **71 ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS**

This division comprises the provision of architectural services, engineering services, drafting services, building inspection services and surveying and mapping services. It also includes the performance of physical, chemical, and other analytical testing 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 and the like.

#### **7111 Architectural activities**

This class excludes:

- activities of computer consultants (see 620200, 620900)

##### **711101 Architects**

This type includes:

- architectural consulting activities, studies and advice:
  - building design and drafting
  - construction supervision
  - general planning

This type excludes:

- test drilling and boring (see 431300)
- research and development (see division 72)
- performance of physical, chemical and other analytical testing (see 712000)

##### **711102 Town and country planning**

This type includes:

- city planning
- local, regional or national land use planning (sites, road networks, lands and grounds, etc.)

##### **711103 Landscape architects**

This type includes:

- aesthetic planning and design of parks, commercial zones, residential zones, etc, by landscape architects

### **7112 Engineering activities and related technical consultancy**

This class excludes:

- test drilling in connection with mining operations (see 091000, 099000)
- development or publishing of associated software (see 582900, 620100)
- activities of computer consultants (see 620200, 620900)
- technical testing (see 712000)
- research and development activities related to engineering (see 721900)
- industrial design (see 741001)
- aerial photography (see 742001)

## 711201 Construction engineering

This type includes:

- activities of engineers specialised in structural and civil engineering projects such as buildings, bridges, tunnels, roads, etc.

## 711202 Building services engineering

This type includes:

- elaboration of projects using air conditioning, refrigeration, acoustic engineering (heating, air conditioning, electrical installation, sound insulation, etc.)

## 711203 Other engineering activities

This type includes:

- project elaboration and realisation relative 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
- engineering and management of large projects involving the engineering activities classified in 711201 and 711202

This type excludes:

- activities of computer consultants (see 620200, 620900)

## 711204 Surveyors

This type includes:

- land and boundary surveying activities

## 711205 Other technical consultancy and planning

This type includes:

- elaboration of projects using sanitary and pollution control engineering
- geological surveying:
  - surface monitoring and measuring for obtention of data on subsoil structure
- hydrologic surveying activities
- subsurface surveying activities
- cartographic and spatial information activities
- other technical studies and advice n.c.a.

This type also includes:

- technical activities of consultants others than engineers

This type excludes:

- activities of computer consultants (see 620200, 620900)
- test drilling, geological observations in connection with petroleum or gas extraction (see 091000)

## 712 Technical testing and analysis

## 7120 Technical testing and analysis

## 712000 Technical testing and analysis

This type includes:

- the performance of physical, chemical and other analytical testing of all types of materials and products, including:

- acoustics and vibration testing
- testing of composition and purity of minerals, etc.
- testing activities in the field of food hygiene, including veterinary testing and control in relation to food production
- testing of physical characteristics and performance of materials, such as strength, thickness, durability, radioactivity, etc.
- qualification and reliability testing
- performance testing of complete machinery: motors, automobiles, electronic equipment, etc.
- radiographic testing of welds and joints
- failure analysis
- testing and measuring of environmental indicators: air and water pollution, etc.
- certification of products, including consumer goods, motor vehicles, aircraft, 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, etc.)
- operation of police laboratories

This type excludes:

- testing of animal specimens (see 750000)
- diagnostic imaging, testing and analysis of medical and dental specimens (see division 86)

## 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 subdivided into two categories: natural sciences and engineering; social sciences and the humanities.

This division excludes:

- market research (see 7320)

### 721 Research and experimental development on natural sciences and engineering

This group comprises basic research, applied research, experimental development in natural sciences and engineering.

### 7211 Research and experimental development on biotechnology

#### 721100 Research and experimental development on biotechnology

This type includes research and experimental development on biotechnology (environmental biotechnology, industrial biotechnology, medical biotechnology, agrarian biotechnology).

These categories include the following biotechnological techniques:

- DNA/RNA: genomics, pharmacogenomics, gene probes, genetic engineering, DNA/RNA sequencing/synthesis/amplification, gene expression profiling, and use of antisense technology
- proteins and other molecules: sequencing/synthesis/engineering of proteins and peptides (including large molecule hormones); improved delivery methods for large molecule drugs; proteomics, protein isolation and purification, signalling, identification of cell receptors
- cell and tissue culture and engineering: cell/tissue culture, tissue engineering (including tissue scaffolds and biomedical engineering), cellular fusion, vaccine/immune stimulants, embryo manipulation
- process biotechnology techniques: fermentation using bioreactors, bioprocessing, bioleaching, biopulping, biobleaching, biodesulphurisation, bioremediation, biofiltration and phytoremediation
- gene and RNA vectors: gene therapy, viral vectors
- bioinformatics: construction of databases on genomes, protein sequences; modelling complex biological processes, including systems biology
- nanobiotechnology: applies the tools and processes of nano/microfabrication to build devices for studying biosystems and applications in drug delivery, diagnostics, etc.

7219 Other research and experimental development on natural sciences and engineering

**721900 Other research and experimental development on natural sciences and engineering**

This type includes research and experimental development on natural science and engineering other than biotechnological research and experimental development:

- natural sciences:

- Mathematics
- Computer and information sciences
- Physical sciences
- Chemical sciences
- Earth and related environmental sciences
- Biological sciences
- other natural sciences

- engineering and technology:

- Civil engineering
- Electrical engineering, electronic engineering, information engineering
- Mechanical engineering
- Materials engineering
- Medical engineering
- Environmental engineering
- Nano-technology
- other engineering and technologies

- medical and health sciences:

- Basic medicine
- Clinical medicine
- Health Sciences
- other medical sciences

- Agricultural Sciences:

- Agriculture, forestry and fishery
- Animal and dairy science
- Veterinary science
- other agricultural sciences

- interdisciplinary research and development, predominantly on natural sciences, engineering, medical sciences and agricultural sciences

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
- research and development on humanities
- interdisciplinary research and development, predominantly on social sciences and humanities

This type excludes:

- market research (see 732000)

**73 ADVERTISING AND MARKET RESEARCH**

This division includes the creation of advertising campaigns and placement of such advertising in periodicals, newspapers, radio and television, or other media as well as the design of display structures and sites.

731 Advertising

7311 Advertising agencies

**731100 Advertising agencies**

This type includes the provision of a full range of advertising services (i.e., through in-house capabilities or subcontracting), including advice, creative services, production of advertising material, and buying.

It includes:

- creation and realisation of advertising campaigns:
  - creating and placing advertising in newspapers, periodicals, radio, television, the Internet and other media
  - creating and placing of outdoor advertising, e.g. billboards, panels, bulletins and frames, window dressing, showroom design, car and bus carding, etc.
  - aerial advertising
  - distribution or delivery of advertising material or samples
  - creation of stands and other display structures and sites
- conducting marketing campaigns and other advertising services aimed at attracting and retaining customers
  - promotion of products
  - point-of-sale marketing
  - direct mail advertising
  - marketing consulting

This type excludes:

- publishing of advertising material (see 581900)
- production of commercial messages for television and film (see 591100)
- production of commercial messages for radio (see 592000)
- market research (see 732000)
- advertising photography (see 742001)
- convention and trade show organisers (see 823000)
- mailing activities (see 821901)

## 7312 Media representation

### 731200 Media representation

This type includes:

- media representation, i.e. sale or re-sale of time and space for various media soliciting advertising

This type excludes:

- sale of advertising time or space directly by owners of the time or space (publishers, etc.) (see the corresponding activity type)
- public-relations activities (see 702100)

## 732 Market research and public opinion polling

### 7320 Market research and public opinion polling

#### 732000 Market research and public opinion polling

This type includes:

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

## 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

#### 7410 Specialised design activities

##### 741001 Industrial and product design

This type includes:

- activities in creating and developing designs and specifications that optimise the use, value and appearance of the products

- activities that determine the material, construction, mechanisms, shape, color and surface finishes of the product, taking into consideration human characteristics and needs, ecological aspects, safety and with market appeal and efficiency in production, distribution, use and maintenance
- design of vehicles, boats, tooling machines, medical and laboratory equipment, textiles, lamps, fashion, shoes, handbags, jewellery, watches, eyeglasses, furniture, tableware, glassware, kitchen and bathroom equipments, coffeemachines, garden and camping products, bikes, skis and snowboards, laptops, mobile phones, and other industrial, personal or household products

This type excludes:

- engineering design, i.e. applying physical laws and principles of engineering in the construction of machines, materials, instruments, structures, processes and systems (see 711201, 711202 and 711203)

## 741002 Graphic design and visual communication

This type includes:

- activities in creating and developing the production of visual communication in order to convey specific messages or concepts, clarify complex information or project visual identities
- design of advertisements, annual reports, books, magazines & journals, illustrations, CD & DVD covers, corporate identity, logos & brands, packaging, postage stamps, posters, fonts, graphic design of websites, interaction design

This type excludes:

- design and programming of web pages (see 620100)

## 741003 Interior and spatial design

This type includes:

- activities in planning, designing and administering projects in interior spaces to meet the physical and aesthetic needs of people, taking in consideration building codes, ecological aspects, health and safety regulations, traffic patterns and floor planning, mechanical and electrical requirements, and interior fittings and furniture
- activities of interior designers in hospitality design, healthcare design, institutional design, commercial design, corporate design and residential design
- activities of interior decorators providing aesthetic services within interior spaces

This type excludes:

- retail or wholesale locations that also provide interior design and decorating services (see division 47)
- reupholstering, refinishing, repairing and restoring of furniture and home furnishings, including office furniture (see 952400)
- installation of wallpaper, tapestry and other kinds of flexible wall covering (see 433303)
- building design and drafting (see 711101)

## 742 Photographic activities

## 7420 Photographic activities

### 742001 Photographers

This type includes:

- commercial and consumer photograph production:
  - portrait photography for passports, schools, weddings, etc.
  - photography for commercials, publishers, fashion, real estate or tourism purposes
  - aerial photography
  - videotaping of events: weddings, meetings, etc.
- photo retouching and restoration
- activities of photojournalists

### 742002 Photographic laboratories

This type includes:

- 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 camera stores)



- mounting of slides
- copying and restoring or transparency retouching in connection with photographs

This type also includes:

- microfilming of documents

This type excludes:

- processing motion picture film related to the motion picture and television industries (see 591100)
- cartographic and spatial information activities (see 711205)
- operation of coin-operated (self-service) photo machines (see 960900)

743 Translation and interpretation activities

7430 Translation and interpretation activities

**743000 Translation and interpretation activities**

This type includes:

- translation and interpretation activities

749 Other professional, scientific and technical activities n.e.c.

7490 Other professional, scientific and technical activities n.e.c.

**749000 Other professional, scientific and technical activities n.e.c.**

This type 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 does not include ongoing, routine business functions that are generally of short duration.

This type includes:

- business brokerage activities, i.e. arranging for the purchase and sale of small- and medium-sized businesses, including professional practices, but not including real estate brokerage
- patent brokerage activities (arranging for the purchase and sale of patents)
- appraisal activities other than for real estate and insurance (for antiques, jewellery, etc.)
- bill auditing and freight rate information
- weather forecasting activities
- security consulting
- agronomy consulting
- environmental consulting
- other technical consulting
- activities of consultants other than architecture, engineering and management consultants
- activities of quantity surveyors

This type also includes:

- activities carried on by agents and agencies on behalf of individuals usually involving the obtaining of engagements in motion picture, theatrical production or other entertainment or sports attractions and the placement of books, plays, artworks, photographs, etc., with publishers, producers, etc.

This type excludes:

- wholesale of used motor vehicles by auctioning (see 451)
- online auction activities (retail) (see 479100)
- activities of auction houses (retail) (see 477902)
- activities of real-estate brokers (see 683100)
- bookkeeping activities (see 692000)
- activities of management consultants (see 702200)
- activities of architecture and engineering consultants (see 711)
- industrial and machinery design (see 711203, 741001)
- veterinary testing and control in relation to food production (see 712000)
- display of advertisement and other advertising design (see 731100)
- creation of stands and other display structures and sites (see 731100)
- activities of convention and trade show organisers (see 823000)
- activities of independent auctioneers (see 829900)
- administration of loyalty programmes (see 829900)

- consumer credit and debt counselling (see 889902)

## 75 VETERINARY ACTIVITIES

This division includes the provision of animal healthcare and control activities for farm animals or pet. These activities are carried out by qualified veterinarians in veterinary hospitals as well as when visiting farms, kennels or homes, in their 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 pet animals

These activities are carried out by qualified veterinarians when working in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere.

This type also includes:

- activities of veterinary assistants or other auxiliary veterinary personnel
- clinico-pathological and other diagnostic activities pertaining to animals
- animal ambulance activities

This type excludes:

- farm-animal boarding activities without health care (see 016200)
- sheep shearing (see 016200)
- herd-testing services, droving services, agistment services, poultry caponising (see 016200)
- activities related to artificial insemination (see 016200)
- pet animal boarding activities without health care (see 960900)

## N ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES



This section includes a variety of activities that support general business operations. These activities differ from those in section M, since their primary purpose is not the transfer of specialised knowledge.

77

### RENTAL AND LEASING ACTIVITIES

This division includes the renting and leasing of tangible and non-financial intangible assets, including a wide array of tangible goods, such as automobiles, computers, consumer goods, and industrial machinery and equipment, to customers in return for a periodic rental or lease payment. It is subdivided into: (1) the renting of motor vehicles, (2) the renting of recreational and sports equipment and personal and household equipment, (3) the leasing of other machinery and equipment of the kind often used for business operations, including other transport equipment and (4) the leasing of intellectual property products and similar products.

Only the provision of operating leases is included in this division.

This division excludes:

- financial leasing (see 649100)
- renting of real estate (see section L)
- renting of equipment with operator (see corresponding classes according to activities carried out with this equipment, e.g. construction (section F), transportation (section H))

771 Renting and leasing of motor vehicles

7711 Renting and leasing of cars and light motor vehicles

771100 Renting and leasing of cars and light motor vehicles

This type includes:

- renting and operational leasing of the following types of vehicles:
  - passenger cars and other light motor vehicles (with a weight not exceeding 3.5 tons) without driver

This type excludes:

- renting or leasing of cars or light motor vehicles with driver (see 493200, 4939)

7712 Renting and leasing of trucks

771200 Renting and leasing of trucks

This type includes:

- renting and operational leasing of the following types of vehicles:
  - trucks, utility trailers and heavy motor vehicles (more than 3.5 tons)
  - recreational vehicles

This type excludes:

- renting or leasing of heavy goods vehicles or trucks with driver (see 494100)

772 Renting and leasing of personal and household goods

This group includes the renting of personal and household goods as well as renting of recreational and sports equipment and video tapes. Activities generally include short-term renting of goods although in some instances the goods may be leased for longer periods of time.

7721 Renting and leasing of recreational and sports goods

772100 Renting and leasing of recreational and sports goods

This type includes renting of recreational and sports equipment:

- pleasure boats, canoes, sailboats
- bicycles
- beach chairs and umbrellas
- other sports equipment
- skis

This type excludes:

- renting of pleasure boats and sailing boats with crew (see 501000, 503000)
- renting of video tapes and disks (see 772200)
- renting of other personal and household goods n.e.c. (see 772900)
- renting of leisure and pleasure equipment as an integral part of recreational facilities (see 932900)

**7722 Renting of video tapes and disks**

**772200 Renting of video tapes and disks**

This type includes:

- renting of video tapes, records, CDs, DVDs, etc.

**7729 Renting and leasing of other personal and household goods**

**772900 Renting and leasing of other personal and household goods**

This type includes:

- the renting of all kinds of household or personal goods, to households or industries (except recreational and sports equipment):
  - textiles, wearing apparel and footwear
  - furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares
  - jewellery, musical instruments, scenery and costumes
  - books, journals and magazines
  - machinery and equipment used by amateurs or as a hobby e.g. tools for home repairs
  - flowers and plants
  - electronic equipment for household use

This type excludes:

- renting of cars, trucks, trailers and recreational vehicles without driver (see 771)
- renting of recreational and sports goods (see 772100)
- renting of video tapes and disks (see 772200)
- renting of motorcycles and caravans without driver (see 773900)
- renting of office furniture (see 773300)
- provision of linen, work uniforms and related items by laundries (see 960101)

**773 Renting and leasing of other machinery, equipment and tangible goods**

**7731 Renting and leasing of agricultural machinery and equipment**

**773100 Renting and leasing of agricultural machinery and equipment**

This type includes:

- renting and operational leasing of agricultural and forestry machinery and equipment without operator:
  - renting of products produced by class 2830, such as agricultural tractors, etc.

This type excludes:

- renting of agricultural and forestry machinery or equipment with operator (see 016100, 024000)

**7732 Renting and leasing of construction and civil engineering machinery and equipment**

**773200 Renting and leasing of construction and civil engineering machinery and equipment**

This type includes:

- renting and operational leasing of construction and civil-engineering machinery and equipment without operator:
  - crane lorries
  - scaffolds and work platforms, without erection and dismantling

This type excludes:

- renting of construction and civil engineering machinery or equipment with operator (see division 43)

7733 Renting and leasing of office machinery and equipment (including computers)

**773300 Renting and leasing of office machinery and equipment (including computers)**

This type includes:

- renting and operational leasing of office machinery and equipment without operator:
  - computers and computer peripheral equipment
  - duplicating machines, typewriters and word-processing machines
  - accounting machinery and equipment: cash registers, electronic calculators, etc.
  - office furniture

7734 Renting and leasing of water transport equipment

**773400 Renting and leasing of water transport equipment**

This type includes:

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

This type excludes:

- renting of water-transport equipment with operator (see division 50)
- renting of pleasure boats (see 772100)

7735 Renting and leasing of air transport equipment

**773500 Renting and leasing of air transport equipment**

This type includes:

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

This type excludes:

- renting of air-transport equipment with operator (see division 51)

7739 Renting and leasing of other machinery, equipment and tangible goods n.e.c.

**773900 Renting and leasing of other machinery, equipment and tangible goods n.e.c.**

This type includes:

- renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries:
  - engines and turbines
  - machine tools
  - mining and oilfield equipment
  - professional radio, television and communication equipment
  - motion picture production equipment
  - measuring and controlling equipment
  - other scientific, commercial and industrial machinery
- renting and operational leasing of land-transport equipment (other than motor vehicles) without drivers:
  - motorcycles, caravans and campers, etc.
  - railway vehicles

This type also includes:

- renting of accommodation or office containers
- renting of animals (e.g. herds, race horses)
- renting of containers
- renting of pallets

This type excludes:

- renting of bicycles (see 772100)
- renting of agricultural and forestry machinery and equipment (see 773100)

- renting of construction and civil engineering machinery and equipment (see 773200)
- renting 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 (i.e. the asset holder). The leasing of these products can take various forms, such as permission for reproduction, use in subsequent processes or products, operating businesses under a franchise, etc. The current owners may or may not have created these products.

This type includes:

- leasing of intellectual property products (except copyrighted works, such as books or software)
- receiving royalties or licensing fees for the use of:
  - patented entities
  - trademarks or service marks
  - brand names
  - mineral exploration and evaluation
  - franchise agreements

This type excludes:

- acquisition of rights and publishing (see divisions 58 and 59)
- producing, reproducing and distributing copyrighted works (books, software, film) (see divisions 58, 59)
- leasing of real estate (see 6820)
- leasing of tangible products (assets) (see groups 771, 772, 773)

## 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, supplying workers to clients' businesses for limited periods of time to supplement the workforce of the client, and the activities of providing other human resources.

This division includes:

- executive search and placement activities
- activities of theatrical casting agencies

This division excludes:

- activities of agents for individual artists (see 7490)

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 including executive placement and search activities
- activities of casting agencies and bureaux, such as theatrical casting agencies
- activities of on-line employment placement agencies

This type excludes:

- activities of personal theatrical or artistic agents or agencies (see 749000)

782 Temporary employment agency activities

7820 Temporary employment agency activities

**782000 Temporary employment agency activities**

This type includes activities of supplying workers to clients' businesses for limited periods of time to temporarily replace or supplement the working force of the client, where the individuals provided are employees of the temporary help service unit. However, units classified here do not provide direct supervision of their employees at the clients' work sites.

783 Other human resources provision

7830 Other human resources provision

**783000 Other human resources provision**

This type includes the activities of providing human resources for client businesses. The units classified here represent the employer of record for the employees on matters relating to payroll, taxes, and other fiscal and human resource issues, but they are not responsible for direction 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:

- provision of human resources functions together with supervision or running of the business (see the type in the respective economic activity of that business)
- provision of human resources to temporarily replace or supplement the workforce of the client (see 782000)

**79 TRAVEL AGENCY, TOUR OPERATOR RESERVATION SERVICE AND RELATED ACTIVITIES**

This division includes the activity of agencies, primarily engaged in selling travel, tour, transportation and accommodation services to the general public and commercial clients and the activity of arranging and assembling tours that are sold through travel agencies or directly by agents such as tour operators; and other travel-related services including reservation services. The activities of tourist guides and tourism promotion activities are also included.

791 Travel agency and tour operator activities

This group includes the activities of agencies, primarily engaged in selling travel, tour, transportation and accommodation services to the general public and commercial clients and the activity of arranging and assembling tours that are sold through travel agencies or directly by agents such as tour operators.

7911 Travel agency activities

**791100 Travel agency activities**

This type includes:

- activities of agencies, primarily engaged in selling travel, tour, transportation and accommodation services on a wholesale or retail basis to the general public and commercial clients

7912 Tour operator activities

**791200 Tour operator activities**

This type includes:

- arranging and assembling tours that are sold through travel agencies or directly by tour operators. The tours may include any or all of the following:
  - transportation
  - accommodation
  - food
  - visits to museums, historical or cultural sites, theatrical, musical or sporting events

799 Other reservation service and related activities

7990 Other reservation service and related activities

**799001 Tourist accommodation reservation services**

This type includes:

- holiday lodgings renting (short-term renting)
- arranging reservations for accommodation services for: domestic lodging reservation services, international lodging reservation services
- direct exchange services for other owners of residential property such as homes, flats or apartments

**799002 Other reservation services and related activities**

This type includes:

- other travel-related reservation services:
  - reservations for transportation, hotels, restaurants, car rentals, entertainment and sport, etc.
- ticket sales activities for theatrical, sports and other amusement and entertainment events
- visitor assistance services:
  - provision of travel information to visitors
  - activities of tourist guides
- tourism promotion activities

This type excludes:

- the activities of travel agencies and tour operators (see 791100, 791200)
- organisation and management of events such as meetings, conventions and conferences (see 823000)

**80 SECURITY AND INVESTIGATION ACTIVITIES**

This division includes security-related services such as: investigation and detective services; 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; operation of electronic security alarm systems, such as burglar and fire alarms, where the activity focuses on remote monitoring of these systems, but often involves also sale, installation and repair services. If the latter components are provided separately, they are excluded from this division and classified in retail sale, construction, etc.

801 Private security activities

8010 Private security activities

**801000 Private security activities**

This type includes the provision of one or more of the following: 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.

This type includes:

- armoured car services
- bodyguard services
- polygraph services
- fingerprinting services
- security guard services

This type excludes:

- public order and safety activities (see 842400)

802 Security systems service activities

8020 Security systems service activities

**802000 Security systems service activities**

This type includes:

- monitoring or remote monitoring of electronic security alarm systems, such as burglar and fire alarms, including their installation and maintenance



- installing, repairing, rebuilding, and adjusting mechanical or electronic locking devices, safes and security vaults in connection with later monitoring and remote monitoring

The units carrying out these activities may also engage in selling such security systems, mechanical or electronic locking devices, safes and security vaults.

This type excludes:

- installation of security systems, such as burglar and fire alarms, without later monitoring (see 432100)
- retail sale of electrical security systems, mechanical or electronic locking devices, safes and security vaults in specialised stores, without monitoring, installation or maintenance services (see 475903)
- security consultants (see 749000)
- public order and safety activities (see 842400)
- providing key duplication services (see 952900)

803 Investigation activities

8030 Investigation activities

803000 Investigation activities

This type includes:

- investigation and detective services
- the activities of all private investigators, independent of the type of client or purpose of investigation

## 81 SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES

This division includes the provision of a number of general support services, such as the provision of a combination of support services within a client's 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 and provision of these services along with the design of landscape plans and/or the construction (i.e. installation) of walkways, retaining walls, decks, fences, ponds, and similar structures.

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 a client's facilities. These services include general interior cleaning, maintenance, refuse disposal, guard and security, mail routing, reception, laundry and related services to support operations within facilities. These support activities are performed by operating staff, which is not involved with or responsible for the core business or activities of the client.

This type excludes:

- 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 type according to the service provided)
- provision of management and operating staff for the complete operation of a client's establishment, such as a hotel, restaurant, mine, or hospital (see the type of unit operated)
- provision of on site management and operation of a client's computer systems and/or data processing facilities (see 620300)
- operation of correctional facilities on a contract or fee basis (see 842302)

812 Cleaning activities

This group includes the activities of general interior cleaning of all types of buildings, 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)
- cleaning of new buildings immediately after construction (see 433900)

- steam-cleaning, sand blasting and similar activities for building exteriors (see 439905)
- carpet and rug shampooing, drapery and curtain cleaning (see 960102)

## 8121 General cleaning of buildings

### 812100 General cleaning of buildings

This type includes:

- general (non-specialised) cleaning activities of all types of buildings, such as:
  - offices
  - houses or apartments
  - factories
  - shops
  - institutions
- general (non-specialised) cleaning of other business and professional premises and multiunit residential buildings

These activities are mostly interior cleaning, although they may include the cleaning of associated exterior areas such as windows or passageways.

This type excludes:

- specialised cleaning activities, such as window cleaning, chimney cleaning, cleaning of fireplaces, stoves, furnaces, incinerators, boilers, ventilation ducts, 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

### 812202 Other building and industrial cleaning activities

This type includes the activities of:

- exterior cleaning of buildings of all types, including offices, factories, shops, institutions and other business and professional premises and multiunit residential buildings
- specialised cleaning activities for buildings such as window cleaning
- cleaning of industrial machinery
- other building and industrial cleaning activities, n.e.c.

This type excludes:

- steam cleaning, sandblasting cleaning and similar activities for building exteriors (see 439905)
- carpet, rug, wall hanging and curtain cleaning (see 960102)

## 8129 Other cleaning activities

### 812900 Other cleaning activities

This type includes the activities of:

- swimming pool cleaning and maintenance activities
- cleaning of trains, buses, planes, etc.
- cleaning of the inside of road and sea tankers
- disinfecting and exterminating activities
- bottle cleaning
- street sweeping and snow and ice removal
- other cleaning activities, n.e.c.

This type also includes :

- public roads and streets maintenance activities, such as:
  - collection of refuse in litter-bins in public places
  - outdoor sweeping and watering of streets, squares, paths, markets, public gardens, parks etc.
  - snow and ice clearing on highways, airport runways, including spreading of salt or sand, etc.

This type excludes:

- agriculture pest control (see 016100)
- automobile cleaning, car wash (see 452001)

813 Landscape service activities

8130 Landscape service activities

813000 Landscape service activities

This type includes

- planting, care and maintenance of:

a) 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

b) greenery for:

- buildings (roof gardens, façade 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)

- plants for protection against noise, wind, erosion, visibility and dazzling

This type excludes:

- commercial production and planting for commercial production of plants, trees (see divisions 01, 02)
- tree nurseries and forest tree nurseries (see 013000, 021000)
- keeping the land in good environmental condition for agricultural use (see 016100)
- construction activities for landscaping purposes (see section F)
- landscape design and architecture activities (see 7111)

## 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.

Units classified in this division do not provide operating staff to carry out the complete operations of a business.

821 Office administrative and support activities

This group includes the provision of a range of day to day office administrative services, such as financial planning, billing and record keeping, personnel and physical distribution and logistics for others on a contract or fee basis.

This group includes also 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 group do not provide operating staff to carry out the complete operations of a business. Units engaged in one particular aspect of these activities are classified according to that particular activity.

8211 Combined office administrative service activities

821100 Combined office administrative service activities

This type includes the provision of a combination of day to day office administrative services, such as reception, financial planning, billing and record keeping, personnel and mail services, etc. for others on a contract or fee basis.

This type excludes:

- provision of only one particular aspect of these activities (see type according to that particular activity)
- provision of the operating staff without supervision (see 78)

## 8219 Photocopying, document preparation and other specialised office support activities

### 821901 Secretarial activities

This type includes a variety of document preparation and specialised office support activities.

This type includes:

- document preparation
- document editing or proofreading
- typing, word processing, or desktop publishing
- secretarial support services
- transcription of documents, and other secretarial services
- letter or resume writing
- provision of mailbox rental and other postal and mailing services, such as pre-sorting, addressing, etc

This type excludes:

- developing and organising mail advertising campaigns (see 731100)
- specialised stenotype services such as court reporting (see 829900)
- public stenography services (see 829900)
- database activities (see 631100)
- accounting and bookkeeping activities 692000)

### 821902 Copy shops

The document copying/printing activities included here cover only short-run type printing activities.

This type includes:

- photocopying
- duplicating
- blueprinting
- other document copying services (without also providing printing services, such as offset printing, quick printing, digital printing, pre-press services)

This type excludes:

- pre-press services (see 181301)
- printing of documents (offset printing, quick printing, etc.) (see 1812)

## 822 Activities of call centres

### 8220 Activities of call centres

#### 822000 Activities of call centres

This type includes the activities of:

- inbound call centres, 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 sell or market goods or services to potential customers, undertake market research or public opinion polling and similar activities for clients

## 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, such as business and trade shows, conventions, conferences and meetings, whether or not including the management and provision of the staff to operate the facilities in which these events take place.

**829 Business support service activities n.e.c.**

This group includes the activities of collection agencies, credit bureaux and all support activities typically provided to businesses not elsewhere classified.

**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, such as bill or debt collection services
- compiling of information, such as credit and employment histories on individuals and credit histories on businesses and providing the information to financial institutions, retailers and others who have a need to evaluate the creditworthiness of these persons and businesses

**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 liquids, including beverages and food
- packaging of solids (blister-packed, foil-covered, etc.)
- security packaging of pharmaceutical preparations
- labelling, stamping and imprinting
- parcel-packing and gift-wrapping

This type excludes:

- manufacture of soft drinks and production of mineral water (see 110700)
- packaging activities incidental to transport (see 522900)

**8299 Other business support service activities n.e.c.**

**829900 Other business support service activities n.e.c.**

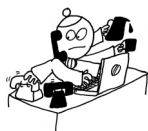
This type includes support activities, such as:

- providing verbatim reporting and stenotype recording of live legal proceedings and transcribing subsequent recorded materials, such as:
- court reporting or stenotype recording services
- public stenography services
- real-time (i.e. simultaneous) closed captioning of live television performances of meetings, conferences
- address bar coding services
- bar code imprinting services
- fundraising organisation services on a contract or fee basis
- repossession services
- parking meter coin collection services
- activities of independent auctioneers
- administration of loyalty programmes
- other support activities typically provided to businesses not elsewhere classified

This type excludes:

- provision of document transcription services (see 821901)
- providing film or tape captioning or subtitling services (see 591200)

## 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. This section also includes compulsory social security activities.

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, administration of the school system (i.e. regulations, checks, curricula) falls under this section, but teaching itself does not (see section P), and a prison or military hospital is classified to health (see section Q). Similarly, some activities described in this section may be carried out by non-government units.

### 84 PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY

#### 841 Administration of the State and the economic and social policy of the community

This group includes general administration (e.g. executive, legislative, financial administration, etc. at all levels of government) and supervision in the field of social and economic life.

##### 8411 General public administration activities

##### 841100 General public administration activities

This type includes:

- executive and legislative administration of central, regional and local bodies
- administration and supervision of fiscal affairs:
  - operation of taxation schemes
  - duty/tax collection on goods and tax violation investigation
  - customs administration
- budget implementation and management of public funds and public debt:
  - raising and receiving of moneys and control of their disbursement
- administration of overall (civil) 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:

- operation of government owned or occupied buildings (see 682, 683)
- administration of research and development policies intended to increase personal well-being and of associated funds (see 8412)
- administration of research and development policies intended to improve economic performance and competitiveness (see 8413)
- administration of defence-related research and development policies and of associated funds (see 8422)
- operation of government archives (see 9101)

#### 8412 Regulation of the activities of providing healthcare, education, cultural services and other social services, excluding social security

##### 841200 Regulation of the activities of providing healthcare, education, cultural services and other social services, excluding social security

This type includes:

- public administration of programmes aimed to increase personal well-being:
  - 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:

- 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
- administration of environmental protection programmes
- administration of housing programmes

This type excludes:

- sewage, refuse disposal and remediation (see divisions 37, 38, 39)
- compulsory social security activities (see 843000)
- education activities (see section P)
- human health-related activities (see division 86)
- museums and other cultural institutions (see division 91)
- activities of government operated libraries and archives (see 910100)
- 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:
  - agriculture
  - land use
  - energy and mining resources
  - infrastructure
  - transport
  - communication
  - hotels and tourism
  - wholesale and retail trade
- 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 excludes:

- research and experimental development activities (see division 72)

## 842 Provision of services to the community as a whole

This group includes foreign affairs, defence and 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 889902)

**842201 National defence**

This type includes:

- administration, supervision and operation of military defence affairs and land, sea, air and space defence forces such as:
  - combat forces of army, navy and air force
  - engineering, transport, communications, intelligence, material, personnel and other non-combat forces and commands
  - reserve and auxiliary forces of the defence establishment
  - military logistics (provision of equipment, structures, supplies, etc.)
  - health activities for military personnel in the field
  - military prisons
- 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 861001)

**842202 Civil defence**

This type includes

- administration, operation and support of civil defence forces
- support for the working out of contingency plans and the carrying out of exercises in which civilian institutions and populations are involved

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, including legal representation and advice on behalf of the government or when provided by the government in cash or services
- rendering of judgements and interpretations of the law
- arbitration of civil actions
- activities carried out by real state registry offices, prosecution and bankruptcy offices, trade registry offices, etc

This type excludes:

- advice and representation in civil, criminal and other cases (see 691001)

**842302 Administration of prisons**

This type includes:

- prison administration and provision of correctional services, including rehabilitation services, regardless of whether their administration and operation is done by government units or by private units on a contract or fee basis

This type excludes:

- activities of prison schools (see division 85)
- activities of prison hospitals (see 861001)
- activities of military prisons (see 842201)



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 regulation, alien registration, maintenance of arrest records
- provision of supplies for domestic emergency use in case of peacetime disasters

This type excludes:

- operation of police laboratories (see 712000)
- administration and operation of military armed forces (see 842201)

8425 Fire service activities

842500 Fire service activities

This type includes:

- fire fighting and fire prevention:
  - administration and operation of regular and auxiliary fire brigades in fire prevention, fire fighting, rescue of persons and animals, assistance in civic disasters, floods, road accidents, etc.

This type excludes:

- forestry fire-protection and fire-fighting services (see 024000)
- oil and gas field fire fighting (see 091000)
- firefighting and fire-prevention services at airports provided by non-specialised units (see 522300)

843 Compulsory social security activities

8430 Compulsory social security activities

This class includes:

- funding and administration of government-provided social security programmes:
  - sickness, work-accident and unemployment insurance
  - retirement pensions
  - programmes covering losses of income due to maternity, temporary disablement, widowhood, etc.

This class excludes:

- social security programmes not managed by public administration (see 651201, 651203, 651204, 653000)
- provision of welfare services and social work (without accommodation) (see 881000, 889901, 889902)

843000 Old age and survivors' benefit (AHV), Invalidity insurance (IV), Unemployment insurance (ALV)

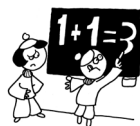
This type includes:

- compensation fund for old-age and survivors' insurance, disability
- insurance, unemployment insurance
- disability insurance offices
- compensation fund for unemployment insurance
- unemployment insurance funds
- Geneva Canton compensation fund for maternity insurance
- compensation fund for rural family benefits

This type excludes:

- cantonal and occupational compensation funds for old-age and survivor's insurance (see 662901)
- municipal compensation fund offices for old-age and survivor's insurance, if managed at the municipal level (see 841200)
- cantonal and occupational family compensation funds (see 651204)

## P 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, Internet or via correspondence.

It includes education by the different institutions in the regular school system at its different levels as well as adult education, literacy programmes, etc. Also included are military schools and academies, prison schools, etc. at their respective levels. The section includes public as well as private education.

For each level of initial education, the classes include special education for physically or mentally handicapped pupils.

The breakdown of the categories in this section is based on the level of education offered as defined by the levels of ISCED 1997. The activities of educational institutions providing courses on ISCED level 0 are classified in 8510, on ISCED level 1 in 8520, on ISCED levels 2-3 in group 853, on ISCED level 4 in 8541 and on ISCED level 5-6 in 8542.

This section also includes instruction primarily concerned with sport and recreational activities such as tennis or golf and education support activities.

### 85 EDUCATION

851 Pre-primary education

8510 Pre-primary education

851000 Pre-primary schools

The pre-primary level includes structures which prepare children for entering compulsory schooling. In all cantons, children are entitled to benefit from pre-school teaching for between one and three years before starting compulsory education. The entry age depends on the enrolment age for compulsory education and varies considerably from canton to canton. In most cantons, it is set at five years.

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 course work that give students a sound basic education in reading, writing and mathematics and an elementary understanding of other subjects such as history, geography, natural science, social science, art and music.

Such education is generally provided for children, however the provision of literacy programmes within or outside the school system, which are similar in content to programmes in primary education but are intended for those considered too old to enter elementary schools, is also included (i.e. adult literacy programmes).

852001 Primary schools

The primary level includes the first five to six years of compulsory education. Children are admitted between the ages of five and seven. At this level, they are taught reading, writing and mathematics, as well as elementary knowledge of other subjects. Primary school attendance is compulsory.

This type excludes:

- adult education as defined in 855

- child day-care activities (see 889100)

852002 Special schools

This type includes:

- special courses designed for primary and lower-secondary pupils who are unable to follow the regular curriculum

This type also includes:

- education provided in special schools where primary education level and lower secondary level are not differentiated

## **852003 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 education**

This group includes the provision of general secondary and technical and vocational secondary education.

This group excludes:

- adult education as defined in 855

## **8531 General secondary education**

This class includes provision of the type of education that lays the foundation for lifelong learning and human development and is capable of furthering education opportunities. Such units provide programmes that are usually on a more subject-oriented pattern using more specialised teachers, and more often employ 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 designated to qualify students either for technical and vocational education or for entrance to higher education without any special subject prerequisite.

## **853101 Lower secondary schools, junior high schools, upper primary levels**

The lower secondary level follows on from the primary level and lasts until the completion of compulsory schooling. In most cantons, it starts when children are in their seventh year of education (i.e. when they are aged around 13) and ends nine years after enrolment at primary level. The lower secondary level provides a basic general education and prepares pupils for the transition to working life or for obtaining a higher qualification. Lessons are usually taught by specialists in the various subjects.

This type also includes:

- the 10th school year
- special education intended for impaired students in the secondary level I

## **853102 Upper secondary schools**

Admission conditions to schools preparing pupils for the upper-secondary certificate examination are the same throughout the same canton. Certificate holders qualify to study at university or at a Federal Institute of Technology. The upper-secondary certificate examination must be preceded by post-compulsory education lasting a minimum of three years.

## **853103 Intermediate diploma schools and other general education schools**

The core mission of intermediate diploma schools is to provide an in-depth general education, to introduce pupils to vocational fields and to encourage their personal and social skills so they can obtain an intermediate diploma or a specialised certificate that qualifies them for tertiary education.

## **8532 Technical and vocational secondary education**

This class includes provision of education typically emphasising subject-matter specialisation and instruction in both theoretical background and practical skills generally associated with present or prospective employment. The aim of a programme can vary from preparation for a general field of employment to a very specific job.

This class includes:

- technical and vocational education below the level of higher education as defined in 854

This class also includes:

- tourist guide instruction

- instruction for chefs, hoteliers and restaurateurs
- cosmetology and barber schools
- computer repair training
- driving schools for occupational drivers e.g. of trucks, buses, coaches, etc.

This class excludes:

- technical and vocational higher education (see 854)
- performing art instruction for recreation, hobby and self-development purposes (see 855200)
- automobile driving schools not intended for occupational drivers (see 855300)
- job training forming part of social work activities without accommodation (see 881000, 889902)
- schools for professional pilots (see 854203)

## 853200 Technical and vocational upper secondary education

At upper secondary level, basic vocational training may take the form of an apprenticeship in a company (dual system) or of full-time study at a specialised vocational school.

The dual system includes:

- technical or professional instruction, combining basic theoretical knowledge and practical qualifications geared to an existing or future job, dispensed at: commercial schools, vocational schools (skilled crafts/industry), agricultural colleges and schools preparing students for health-care and nursing professions;
- in-house company courses and other, comparable training venues

Specialised vocational schools (which provide full-time education in a specific field) include: commercial schools, art and design schools, etc.

This type also includes:

- basic training courses with federal certificates and pre-apprenticeships

This type excludes:

- higher vocational teaching (see 854100, 8542)

## 854 Higher education

This group includes post-secondary as well as non-tertiary and tertiary curricula.

This group excludes:

- adult education as defined in 855

## 8541 Post-secondary non-tertiary education

## 854100 Post-secondary non-tertiary education

This type includes provision of post-secondary education, which cannot be considered tertiary education. For example provision of supplementary post-secondary education to prepare for tertiary education or post-secondary non-tertiary vocational.

## 8542 Tertiary education

In Switzerland, there are three types of tertiary education: higher vocational education, universities and institutes of higher education/teacher-training universities.

This class also includes:

- performing arts schools providing tertiary education

## 854201 Universities

This type includes cantonal universities and the Federal Institutes of Technology.

## 854202 Institutes of higher education

Institutes of higher education provide university-level vocational training, preparing students for demanding professions that presuppose scientific or artistic knowledge and the mastery of certain methods. They are more practically oriented than universities.

Teacher-training universities provide initial training for pre-school and primary teachers and, in some cases, training for lower and upper secondary teachers.

## 854203 Vocational higher education

Higher vocational education covers the tertiary sector. This type of education allows students to acquire both practical skills and in-depth theoretical knowledge and to prepare for managerial functions.

This type includes:

- Colleges of higher vocational education: these courses culminate in a diploma recognised at federal level. They are based on minimum requirements laid down by the Swiss government and on the resultant Federal Office for Professional Education and Technology (OPET) directives governing syllabus structures and recognition procedures.
- Advanced Federal Certificate and Federal Diploma of Higher Vocational Education and Training: these two qualifications (also known as industrial design/art diplomas) are intended for people with professional experience wishing to broaden their knowledge.

This type also includes:

- schools for professional pilots

## 855 Other education

This group includes general continuing education and continuing vocational education and training for any profession, hobby or self-development purposes.

It excludes educational activities as outlined in groups 851 - 854 – pre-primary education, primary education, secondary education or higher education. It includes camps and schools offering instruction in athletic activities to groups or individuals, foreign language instruction, instruction in the arts, drama or music or other instruction or specialised training, not comparable to the education in groups 851 - 854.

## 8551 Sports and recreation education

### 855100 Sports and recreation education

This type includes the provision of instruction in athletic activities to groups of individuals such as by camps and schools. Overnight and day sports instruction camps are also included. It does not include academic schools, colleges and universities. Instruction may be provided in diverse settings, such as the unit's or client's training facilities, educational institutions or by other means. Instruction provided in this type is formally organised.

This type includes:

- sports instruction (baseball, basketball, cricket, football, etc)
- camps, sports instruction
- gymnastics instruction
- riding instruction, academies or schools
- swimming instruction
- professional sports instructors, teachers, coaches
- martial arts instruction
- card game instruction (such as bridge)
- yoga instruction

This type excludes:

- cultural education (see 855200)

## 8552 Cultural education

### 855200 Cultural education

This type includes provision of instruction in the arts, drama and music. Units giving this type of instructions might be named "schools", "studios", "classes", etc. They provide formally organised instruction, mainly for hobby, recreational or self-development purposes, but such instruction does not lead to a professional diploma, baccalaureate or graduate degree.

This type includes:

- piano teachers and other music instruction

- art instruction
- dance instruction and dance studios
- drama schools (except academic)
- fine arts schools (except academic)
- performing arts schools (except academic)
- photography schools (except commercial)

This type excludes:

- foreign language instruction (see 855901)

## 8553 Driving school activities

### 855300 Driving school activities

This type includes:

- driving school activities

This type also includes:

- flying, sailing, shipping schools not issuing commercial certificates and permits

This type excludes:

- driving schools for occupational drivers (see 8532)
- schools for professional pilots (see 854203)

## 8559 Other education n.e.c.

### 855901 Language schools

This type includes:

- language instruction and conversational skills instruction

### 855902 IT schools

This type includes:

- computer training

### 855903 Further vocational training, adult education

This type includes:

- 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.

This type excludes:

- higher vocational training (see 854100, 8542)
- language teaching (see 855901)
- informatics schools (see 855902)

### 855904 Other education n.e.c.

This type includes:

- education that is not definable by level
- academic tutoring
- learning centres offering remedial courses
- professional examination review courses
- religious instruction by religious centres
- leisure-time programmes in subjects n.e.c.:
  - history, geography, civic education, cooking, sewing, gardening, first aid, etc.

This type also includes:

- lifeguard training
- survival training
- public speaking training
- speed reading instruction

This type excludes:

- adult literacy programmes (see 8520)
- general secondary education (see 8531)
- technical and vocational secondary education (see 8532)

856 Educational support activities

8560 Educational support activities

856000 Educational support activities

This type includes:

- provision of non-instructional activities that support educational processes or systems:

- educational consulting
- educational guidance counselling activities
- educational testing evaluation activities
- educational testing activities
- organisation of student exchange programmes

This type excludes:

- research and experimental development on social sciences and humanities (see 722000)

## Q

# HUMAN HEALTH AND SOCIAL WORK ACTIVITIES



This section includes the provision of health and social work activities. Activities include a wide range of activities, starting from health care provided by trained medical professionals in hospitals and other facilities, over residential care activities that still involve a degree of health care activities to social work activities without any involvement of health care professionals.

## 86 HUMAN HEALTH ACTIVITIES

This division includes activities of short- or long-term hospitals, general or specialty medical, surgical, psychiatric and substance abuse hospitals, sanatoria, preventoria, medical nursing homes, asylums, mental hospital institutions, rehabilitation centres, leprosaria and other human health institutions which have accommodation facilities and which engage in providing diagnostic and medical treatment to inpatients with any of a wide variety of medical conditions. It 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 and orthodontic activities. Additionally, this division includes activities for human health not performed by hospitals or by practising medical doctors but by paramedical practitioners legally recognised to treat patients.

### 861 Hospital activities

### 8610 Hospital activities

This class includes:

- short- or long-term hospital activities, i.e. medical, diagnostic and treatment activities, of general hospitals (e.g. community and regional hospitals, hospitals of non-profit organisations, university hospitals, military-base and prison hospitals) and specialised hospitals (e.g. mental health and substance abuse hospitals, hospitals for infectious diseases, maternity hospitals, specialised sanatoriums).

The activities are chiefly directed to inpatients, are carried out under the direct supervision of medical doctors and include:

- services of medical and paramedical staff
- services of laboratory and technical facilities, including radiologic and anaesthesiologic services
- emergency room services
- provision of operating room services, pharmacy services, food and other hospital services
- services of family planning centres providing medical treatment such as sterilisation and termination of pregnancy, with accommodation

This class excludes:

- laboratory testing and inspection of all types of materials and products, except medical (see 712000)
- veterinary activities (see 750000)
- health activities for military personnel in the field (see 842201)
- dental practice activities of a general or specialised nature, e.g. dentistry, endodontic and pediatric dentistry; oral pathology, orthodontic activities (see 862300)
- private consultants' services to inpatients (see 862)
- medical laboratory testing (see 869006)
- ambulance transport activities (see 869007)

#### 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. For example: general care hospitals, acute care hospitals, university hospitals, military-base hospitals, etc.

This type excludes:

- activities of special clinics (see 861002)
- private general consultants' services to inpatients (see 862)

#### 861002 Special clinics

This type includes:

- activities of:
  - psychiatric, mental health and substance abuse hospitals/clinics
  - hospitals for infectious diseases



- specialised sanatoriums
- activities of hospitals/clinics specialised in specific fields such as surgery, gynaecology, neonatology, obstetrics paediatrics, geriatrics, etc.

This type excludes:

- private specialist consultants' services to inpatients (see 862)
- old people's nursing homes (see 871000)
- institutions for psychosocial cases (see 872002)

## 862 Medical and dental practice activities

This group includes medical consultation and treatment done by general medical practitioners and medical specialists, including surgeons, dentists, etc.

These activities can be carried out in private practice, group practices and in hospital outpatient clinics, and in clinics such as those attached to firms, schools, homes for the aged, labour 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:

- in-patient hospital activities (see 8610)
- paramedical activities such as those of midwives, nurses and physiotherapists (see 8690)

## 8622 Specialist medical practice activities

### 862200 Specialists medical practice 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 such as sterilisation and termination of pregnancy, without accommodation

This type excludes:

- inpatient hospital activities (see 8610)
- activities of midwives, physiotherapists and other paramedical practitioners (see 8690)

## 8623 Dental practice activities

### 862300 Dental practice 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 325003)
- in-patient hospital activities (see 8610)
- activities of dental paramedical personnel such as dental hygienists (see 869005)

869 Other human health activities

8690 Other human health activities

#### 869001 Psychotherapy and psychology

This type includes:

- activities performed by psychotherapists and psychologists

This type also includes:

- activities performed by school psychologists

This type excludes:

- psychiatrists' activities (see 862200)

#### 869002 Physiotherapy

This type includes:

- activities of practitioners in the fields of: physiotherapy, osteopathy, chiropractic, physical therapy, electro-therapy, medical massage, physiotherapy

This type excludes:

- massage salons where medical massage is not performed (see 960402)

#### 869003 Nursing, district nursing

This type includes:

- activities of independent nurses, who work in own consulting rooms or at patients' homes

This type excludes:

- hospital activities (see 8610)
- residential nursing care facilities (see 871000)

#### 869004 Midwifery

This type includes:

- activities of independent midwives who work in own consulting rooms or at patients' homes

This type also includes:

- birth houses

#### 869005 Other paramedical activities

This type includes:

- optometry
- hydrotherapy
- speech therapy, occupational therapy
- homeopathy, acupuncture, naturopathy, shiatsu
- diet and nutrition counselling
- chiropody, bandaging
- activities of dental paramedical personnel such as dental therapists, school dental nurses and dental hygienists, who may work remote from, but are periodically supervised by, the dentist

This type excludes:

- activities of healers and hypnotists (see 869007)
- production of artificial teeth, denture and prosthetic appliances by dental laboratories (see 325003)
- medical and dental practice activities (see 862)

#### 869006 Medical laboratories

This type includes:

- activities of medical laboratories such as:
  - pharmacology laboratories
  - X-ray laboratories and other diagnostic imaging centres

- blood analysis laboratories

This type excludes:

- non-medical laboratory testing (see 712000)
- testing activities in the field of food hygiene (see 712000)

## 869007 Other human health activities n.e.c.

This type includes:

- activities of blood banks, sperm banks, transplant organ banks, etc.
- ambulance transport of patients by any mode of transport including aircraft. These services are often provided during a medical emergency.
- other human health activities not requiring practitioner licence:
  - healers' and hypnotists' activities

This type excludes:

- healthcare organisations (see 949902)
- beauticians' activities (see 960202)
- transfer of patients, with neither equipment for life-saving nor medical personnel (see divisions 49, 50, 51)

## 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. Facilities are a significant part of the production process and the care provided is a mix of health and social services with the health services being largely some level of nursing services.

871 Residential nursing care activities

8710 Residential nursing care activities

## 871000 Residential nursing care activities

This type includes:

- activities of:
  - homes for the elderly with nursing care
  - convalescent homes
  - rest homes with nursing care
  - nursing care facilities
  - nursing homes

This type excludes:

- in-home services provided by healthcare professionals (see division 86)
- activities of the homes for the elderly without or with minimal nursing care (see 873001)
- social work activities with accommodation, such as orphanages, children's boarding homes and hostels, temporary homeless shelters (see 8790)

872 Residential care activities for mental retardation, mental health and substance abuse

8720 Residential care activities for mental retardation, mental health and substance abuse

This class includes the provision of residential care (but not licensed hospital care) to people with mental retardation, mental illness, or substance abuse problems. Facilities provided include room, board, protective supervision and counselling and some healthcare. It also comprises provision of residential care and treatment for patients with mental-health and substance-abuse illnesses.

This class excludes:

- social work activities with accommodation, such as temporary homeless shelters (see 8790)

## 872001 Institutions for addicts

This type includes:

- activities of facilities for alcoholism or drug addiction treatment

## 872002 Institutions for psychosocial cases

This type includes:

- activities of units which provide assistance to patients with mental illnesses requiring treatment and psychosocial care:

- psychiatric convalescent homes
- residential group homes for the emotionally disturbed
- mental retardation facilities
- mental health halfway houses

This type excludes:

- mental hospitals (see 861002)

## 873 Residential care activities for the elderly and disabled

### 8730 Residential care activities for the elderly and disabled

This class includes the provision of residential and personal care services for elderly and disabled people who are unable to fully care for themselves and/or who do not desire to live independently. The care typically includes room, board, supervision, and assistance in daily living, such as housekeeping services. In some instances, these units provide skilled nursing care for residents in separate on-site facilities.

## 873001 Retirement homes

This type includes:

- activities of units providing care services for the elderly persons who are not in need of nursing care, but rather of supervision or assistance in daily living:

- assisted-living facilities
- homes for the elderly with minimal nursing care
- rest homes without nursing care

This type excludes:

- activities of homes for the elderly with nursing care (see 871000)

## 873002 Institutions for the disabled persons

This type includes:

- activities of units providing care for physical or mental disabled children
- activities of units working for social and professional integration of physical or mental disabled persons
- activities of units providing care for persons who have speech, hearing or sight speech disabilities

This type excludes:

- social work activities with accommodation where medical treatment or education are not important elements (see 8790)

## 879 Other residential care activities

### 8790 Other residential care activities

This class includes the provision of residential and personal care services for persons, except the elderly and disabled, who are unable to fully care for themselves or who do not desire to live independently.

This class includes:

- activities provided on a round-the-clock basis directed to provide social assistance to children and special categories of persons with some limits on ability for self-care, but where medical treatment or education are not important elements.

The activities may be carried out by government offices or private organisations.

This class excludes:

- funding and administration of compulsory social security programmes (see 8430)
- activities of nursing care facilities (see 871000)
- residential care activities for the elderly or disabled (see 8730)
- adoption activities (see 889902)
- short-term shelter activities for disaster victims (see 889902)

**879001 Residential homes for children and young people**

This type includes in particular:

- orphanages
- children's homes which provide:
  - temporary housing for children and adolescents outside their families
  - lodging (not within schools) for children and adolescents during their schooling.

The activities may be carried out by government offices or private organisations.

This type excludes activities of:

- student residences (see 559000)

**879002 Reform schools**

This type includes the activities of:

- institutions which provide accommodation/housing and re-education for minors according to court decisions

**879003 Other residential homes**

This type includes:

- activities provided on a round-the-clock basis directed to provide social assistance to children and special categories of persons with some limits on ability for self-care:
  - homeless persons, vagabonds, distressed /unmarried mothers and their children, refugees, released convicts, etc.

**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 the elderly and disabled

8810 Social work activities without accommodation for the elderly and disabled

**881000 Social work activities without accommodation for the elderly and disabled**

This type includes:

- social, counselling, welfare, referral and similar services which are aimed at the elderly and disabled in their homes or elsewhere and carried out by government offices or private organisations, national or local self-help organisations and by specialists providing counselling services:
  - visiting of the elderly and disabled
  - day-care activities for the elderly or for disabled adults
  - vocational rehabilitation and habilitation activities for disabled persons provided that the education component is limited

This type excludes:

- funding and administration of compulsory social security programmes (see 8430)
- activities similar to those described in this class, but including accommodation (see 8730)
- day-care activities for disabled children (see 889100)

889 Other social work activities without accommodation

8891 Child day-care activities

**889100 Crèches and day nurseries**

This type includes:

- activities of crèches and day nurseries

This type also includes:

- activities of day nurseries for pupils, including day-care activities for disabled children
- activities of day care mothers

## 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 and national or local self-help organisations and by specialists providing counselling services

This class excludes:

- funding and administration of compulsory social security programmes (see 8430)
- activities similar to those described in this class, but including accommodation (see 8790)

### 889901 Charitable institutions

This type includes:

- activities of private or government supported social services such as:
  - Pro Senectute, Pro Infirmis, Pro Filia, Pro Familia, Pro Juventute, Caritas, the Red Cross, etc.
  - fund-raising or other supporting activities aimed at social work

This type excludes:

- healthcare organisations (see 949902)

### 889902 Other social activities without accommodation

This type includes:

- social activities intended for children, teenagers, adults, families or any other group of people:
  - welfare and guidance activities for children and adolescents
  - adoption activities, activities for the prevention of cruelty to children and others (violence, sexual abuse, etc.)
  - school and professional guidance,
  - vocational rehabilitation and habilitation activities for unemployed persons provided that the education component is limited
  - community and neighbourhood day activities for children, teenagers and old people
  - visits to sick persons
  - household budget counselling, marriage and family guidance, credit and debt counselling services
  - family and home help
  - outpatient care for alcohol-dependents and drug addicts
  - eligibility determination in connection with welfare aid, rent supplements or food stamps
  - activities for disaster victims, refugees, immigrants, etc., including temporary or extended shelter for them
  - day facilities for the homeless and other socially weak groups

## R ARTS, ENTERTAINMENT AND RECREATION



This section includes a wide range of activities to meet varied cultural, entertainment and recreational interests of the general public, including live performances, operation of museum sites, gambling, sports and recreation activities.

90

### CREATIVE, ARTS AND ENTERTAINMENT ACTIVITIES

This division includes the operation of facilities and provision of services to meet the cultural and entertainment interests of their customers. This includes the production and promotion of, and participation in, live performances, events or exhibits intended for public viewing; the provision of artistic, creative or technical skills for the production of artistic products and live performances.

This division excludes:

- the operation of museums of all kinds, botanical and zoological gardens; the preservation of historical sites; and nature reserves activities (see division 91)
- gambling and betting activities (see division 92)
- sports and amusement and recreation activities (see division 93)

Some units that provide cultural, entertainment or recreational facilities and services are classified in other divisions, such as:

- motion picture and video production and distribution (see 5911, 5912, 5913)
- motion picture projection (see 5914)
- radio and television broadcasting (see 601, 602)

### 900 Creative, arts and entertainment activities

This group includes activities in the creative and performing arts and related activities.

### 9001 Performing arts

#### 900101 Theatre and ballet companies

This type includes:

- production of live theatrical presentations and other stage productions:
  - activities of groups, circuses or companies
  - activities of individual artists such as actors, lecturers, speakers, dancers, comedians, clowns, magicians, acrobats, etc

This type excludes:

- activities of personal theatrical or artistic agents or agencies (see 749000)
- casting activities (see 781000)
- puppet shows (see 932900)

#### 900102 Orchestras, choirs, musicians

This type includes:

- production of concerts and opera and other music performances:
  - activities of orchestras or bands, choruses
  - activities of individual artists such as musicians, singers, conductors

This type excludes:

- casting activities (see 781000)
- artistic agents or agencies (see 749000)
- music instruction by independent teachers (see 855200)

### 9002 Support activities to performing arts

#### 900200 Support activities to performing arts

This type includes:

- support activities to performing arts for production of live theatrical presentations, concerts and opera or dance productions and other stage productions:
  - activities of directors, producers, stage-set designers and builders, scene shifters, lighting engineers, etc.

This type also includes the activities of producers or entrepreneurs of arts live events, with or without facilities.

This type excludes:

- activities of personal theatrical or artistic agents or agencies (see 749000)
- casting activities (see 7810)

## 9003 Artistic creation

### 900301 Painters, sculptors and other self-employed artists

This type includes:

- activities of individual artists such as:
  - sculptors, painters, cartoonists, engravers, etchers, etc.

This type excludes:

- manufacture of statues, other than artistic originals (see 237000)

### 900302 Other artistic and literary activities

This type includes:

- activities of individual writers, for all subjects including fictional writing, poetry, technical writing, etc.
- restoring of works of art such as paintings, etc.

This type excludes:

- motion picture and video production (see 591100, 591200)
- restoring of organs and other historical musical instruments (see 331900)
- restoring of furniture (except museum-type restoration) (see 952400)

### 900303 Freelance journalists

This type includes:

- activities of independent journalists

This type excludes:

- activities of photojournalists (see 742001)

## 9004 Operation of arts facilities

### 900400 Operation of arts facilities

This type includes:

- operation of concert and theatre halls and other arts facilities

This type excludes:

- operation of cinemas (see 591400)
- activities of ticket agencies (see 799002)
- operation of museums of all kinds (see 910200)

## 91 LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES

This division includes the activities of libraries and archives; the operation of museums of all kinds, botanical and zoological gardens; the operation of historical sites; and nature reserves activities. It also includes the preservation and exhibition of objects, sites and natural wonders of historical, cultural or educational interest (e.g. world heritage sites, etc).

This division excludes:

- sports and amusement and recreation activities such as the operation of bathing beaches and recreation parks (see division 93)



910 Libraries, archives, museums and other cultural activities

9101 Library and archives activities

**910100 Library and archives activities**

This type includes:

- documentation and information activities of libraries of all kinds, reading, listening and viewing rooms, public archives providing service to the general public or to a special clientele, such as students, scientists, staff, members as well as operation of government archives:
- 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.
- stock photo and movie libraries and services

9102 Museums activities

**910200 Museums activities**

This type includes:

- operation of museums of all kinds:
- art museums, museums of jewellery, furniture, costumes, ceramics, silverware
- natural history, science and technological museums, historical museums, including military museums
- other specialised museums
- open-air museums

This type excludes:

- activities of commercial art galleries (see 477805)
- restoration of works of art and museum collection objects (see 900302)
- activities of libraries and archives (see 910100)

9103 Operation of historical sites and buildings and similar visitor attractions

**910300 Operation of historical sites and buildings and similar visitor attractions**

This type includes:

- operation and preservation of historical sites and buildings

This type excludes:

- renovation and restoration of historical sites and buildings (see section F)

9104 Botanical and zoological gardens and nature reserves activities

**910400 Botanical and zoological gardens and nature reserves activities**

This type includes:

- operation of botanical and zoological gardens, including children's zoos
- operation of nature reserves, including wildlife preservation, etc.

This type excludes:

- landscape and gardening activities (see 813000)
- operation of sport fishing and hunting preserves (see 931900)

**92 GAMBLING AND BETTING ACTIVITIES**

This division includes the operation of gambling facilities such as casinos, bingo halls and video gaming terminals and the provision of gambling services, such as lotteries and off-track betting.

920 Gambling and betting activities

9200 Gambling and betting activities

920000 Gambling and betting activities

This type includes gambling and betting activities such as:

- sale of lottery tickets
- operation (exploitation) of coin-operated gambling machines
- operation of virtual gambling web sites
- bookmaking and other betting operations
- off-track betting
- operation of casinos, including "floating casinos"

## 93 SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES

This division includes the provision of recreational, amusement and sports activities (except museums activities, preservation of historical sites, botanical and zoological gardens and nature reserves activities; and gambling and betting activities).

Excluded from this division are dramatic arts, music and other arts and entertainment such as the production of live theatrical presentations, concerts and opera or dance productions and other stage productions (see division 90).

931 Sports activities

This group includes the operation of sports facilities; activities of sports teams or clubs primarily participating in live sports events before a paying audience; independent athletes engaged in participating in live sporting or racing events before a paying audience; owners of racing participants such as cars, dogs, horses, etc. primarily engaged in entering them in racing events or other spectator sports events; sports trainers providing specialised services to support participants in sports events or competitions; operators of arenas and stadiums; other activities of organising, promoting or managing sports events, n.e.c.

9311 Operation of sports facilities

931100 Operation of sports facilities

This type includes:

- the operation of facilities for indoor or outdoor sports events (open, closed or covered, with or without spectator seating):
  - football, hockey, cricket, rugby stadiums
  - racetracks for auto, dog, horse races
  - swimming pools and stadiums
  - track and field stadiums
  - winter sports arenas and stadiums
  - ice-hockey arenas
  - boxing arenas
  - golf courses
  - bowling lanes
- organisation and operation of outdoor or indoor sports events for professionals or amateurs by organisations with own facilities

This type includes managing and providing the staff to operate these facilities.

This type excludes:

- operation of ski lifts (see 493903)
- renting of recreation and sports equipment (see 772100)
- activities of fitness facilities (see 931300)
- park and beach activities (see 932900)

## 9312 Activities of sport clubs

### 931200 Activities of sport 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.

This type includes:

- the operation of sports clubs:
  - football clubs
  - bowling clubs
  - swimming clubs
  - golf clubs
  - boxing clubs
  - winter sports clubs
  - chess clubs
  - track and field clubs
  - shooting clubs, etc.

This type excludes:

- sports instruction by individual teachers, trainers (see 855100)
- operation of sports facilities (see 931100)
- organisation and operation of outdoor or indoor sports events for professionals or amateurs by sports clubs with their own facilities (see 931100)

## 9313 Fitness facilities

### 931300 Fitness facilities

This type includes:

- fitness and body-building clubs and facilities

This type excludes:

- sports instruction by individual teachers, trainers (see 855100)

## 9319 Other sports activities

### 931900 Other sports activities

This type includes:

- activities of producers or promoters of sports events, with or without facilities
- activities of individual own-account sportsmen and athletes, referees, judges, timekeepers, etc.
- activities of sports leagues and regulating 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

This type excludes:

- renting of sports equipment (see 772100)
- activities of sport and game schools (see 855100)
- activities of sports instructors, teachers, coaches (see 855100)
- organisation and operation of outdoor or indoor sports events for professionals or amateurs by sports clubs with/without own facilities (see 931100, 931200)
- park and beach activities, 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, such as mechanical rides, water rides, games, shows, theme exhibits and picnic grounds.

This group excludes sports activities and dramatic arts, music and other arts and entertainment.

9321 Activities of amusement parks and theme parks

932100 Activities of amusement parks and theme parks

This type includes activities of amusement parks or theme parks. It includes the operation of a variety of attractions, such as mechanical rides, water rides, games, shows, theme exhibits and picnic grounds.

9329 Other amusement and recreation activities

932900 Other amusement and recreation activities

This type includes activities related to entertainment and recreation (except amusement parks and theme parks) not elsewhere classified:

- operation (exploitation) of coin-operated games
- activities of recreation parks (without accommodation)
- operation of recreational transport facilities, e.g. marinas
- operation of ski hills
- renting of leisure and pleasure equipment as an integral part of recreational facilities
- fairs and shows of a recreational nature
- activities of beaches, including renting of facilities such as bathhouses, lockers, chairs, etc.
- operation of dance floors

This type also includes activities of producers or entrepreneurs of live events other than arts or sports events, with or without facilities.

This type excludes:

- operation of cable cars, funiculars, ski and cable lifts (see 493903)
- fishing cruises (see 501000, 503000)
- the provision of space and facilities for short stay by visitors in recreational parks and forests and campgrounds (see 5530)
- trailer parks, recreational camps, hunting and fishing camps, campsites and campgrounds (see 5530)
- beverage serving activities of discotheques (see 563002)
- theatrical and circus groups (see 900101)

## S OTHER SERVICE ACTIVITIES



This section (as a residual category) includes the activities of membership organisations, the repair of computers and personal and household goods 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 the scientific community (group 941), interests of employees (group 942) or 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 units that promote the interests of the members of business and employers 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 trade unions (see 942000)

#### 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, such as medical associations, legal associations, accounting associations, engineering associations, architects associations, etc.
- activities of associations of specialists engaged in scientific, academic or cultural activities, such as associations of writers, painters, performers of various kinds, journalists, etc.
- dissemination of information, the establishment and supervision of standards of practice, representation before government agencies and public relations of professional organisations

This type also includes:

- activities of learned societies

This type excludes:

- education provided by these organisations (see division 85)

#### 942 Activities of trade unions

#### 9420 Activities of trade unions

##### 942000 Activities of trade unions

This type includes:

- promoting of the interests of organized 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
- activities of single plant unions, of unions composed of affiliated branches and of labour organisations composed of affiliated unions on the basis of trade, region, organisational structure or other criteria

This type excludes:

- education provided by such organisations (see division 85)

## 949 Activities of other membership organisations

This group includes the activities of units (except business and employers organisations, professional organisations, trade unions) that promote the interests of their members.

## 9491 Activities of religious organisations

### 949101 Activities of 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
- religious retreat activities

This type also includes:

- religious funeral service activities

This type excludes:

- education provided by such organisations (see division 85)
- health activities by such organisations (see division 86)
- social work activities by such organisations (see divisions 87, 88)

### 949102 Monasteries and convents

This type includes:

- activities of organisations furnishing monastery and convent services

This type excludes:

- education provided by such organisations (see division 85)

## 9492 Activities of political organisations

### 949200 Activities of political organisations

This type includes:

- activities of political organisations and auxiliary organisations such as 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, fund-raising, etc.

## 9499 Activities of other membership organisations n.e.c.

This class includes:

- activities of organisations (not directly affiliated to a political party) furthering a public cause or issue by means of public education, political influence, fund-raising, etc.

### 949901 Cultural, education, scientific and research organisations

This type includes:

- organisations supporting community and educational facilities n.e.c.
- organisations for the protection and betterment of special groups, e.g. ethnic and minority groups
- associations for the pursuit of a cultural or recreational activity or hobby (other than sports or games), e.g. poetry, literature and book clubs, historical clubs, gardening clubs, film and photo clubs, music and art clubs, craft and collectors' clubs, social clubs, carnival clubs, etc.

This type also includes:

- grant-giving activities by membership organisations or others

This type excludes:

- activities of sports clubs (see 931200)
- activities of professional artistic groups or organisations (see 900)

#### **949902 Healthcare organisations**

This type includes:

- activities of associations intended to promote health:
  - Swiss Cancer League, Samaritans, etc

This type excludes:

- activities of charity care institutions and charitable organisations (see 889901)

#### **949903 Youth organisations**

This type includes:

- youth associations, scouts, young persons' associations, student associations, clubs and fraternities, etc.

#### **949904 Other interest groups**

This type includes activities of:

- citizens initiative or protest movements
- environmental and ecological movements
- associations for the protection of animals
- associations for patriotic purposes, including war veterans' associations
- associations looking after the interests of tourists, drivers, etc.:
  - Touring Club Suisse, Automobile Club Suisse
- consumer associations
- local citizens' groups (bourgeoisies communales/ Ortsbürgergemeinden)
- associations for the purpose of social acquaintance such as rotary clubs, lodges, etc.
- service activities to promote hunting and trapping

This type excludes:

- activities of tourist information offices (see 799002)
- activities of professional associations (see 941200)

### **95 REPAIR OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS**

This division includes the repair and maintenance of computers and peripheral equipment such as desktops, laptops, computer terminals, storage devices and printers. It also includes the repair of communications equipment such as fax machines, two-way radios and consumer electronics such as radios and TVs, home and garden equipment such as lawn-mowers and blowers, footwear and leather goods, furniture and home furnishings, clothing and clothing accessories, sporting goods, musical instruments, hobby articles and other personal and household goods.

Excluded from this division is the repair of medical and diagnostic imaging equipment, measuring and surveying instruments, laboratory instruments, radar and sonar equipment (see 3313).

#### **951 Repair of computers and communication equipment**

This group includes the repair and maintenance of computers and peripheral equipment and communications equipment.

#### **9511 Repair of computers and peripheral equipment**

##### **951100 Repair of computers and peripheral equipment**

This type includes the repair of electronic equipment, such as computers and computing machinery and peripheral equipment.

This type includes the repair and maintenance of:

- desktop computers
- laptop computers
- magnetic disk drives, flash drives and other storage devices
- optical disk drives (CD-RW, CD-ROM, DVD-ROM, DVD-RW)
- printers
- monitors
- keyboards
- mice, joysticks and trackball accessories
- internal and external computer modems
- dedicated computer terminals
- computer servers
- scanners, including bar code scanners
- smart card readers
- virtual reality helmets
- computer projectors

This type also includes the repair and maintenance of:

- computer terminals like automatic teller machines (ATM's); point-of-sale (POS) terminals, not mechanically operated
- hand-held computers (PDA's)

This type excludes:

- the repair and maintenance of carrier equipment modems (see 951200)

## 9512 Repair of communication equipment

### 951200 Repair of communication equipment

This type includes repair and maintenance of communications equipment such as:

- cordless telephones
- cellular phones
- carrier equipment modems
- fax machines
- communications transmission equipment (e.g. routers, bridges, modems)
- two-way radios
- commercial TV and video cameras

## 952 Repair of personal and household goods

This group includes the repair and servicing of personal and household goods.

## 9521 Repair of consumer electronics

### 952100 Repair of consumer electronics

This type includes:

- repair of consumer electronics:
  - television, radio receivers
  - video cassette recorders (VCR)
  - CD players
  - household-type video cameras

## 9522 Repair of household appliances and home and garden equipment

### 952200 Repair of household appliances and home and garden equipment

This type includes the repair and servicing household appliances and home and garden equipment:

- repair and servicing of household appliances
  - refrigerators, stoves, washing machines, clothes dryers, room air conditioners, etc.
- repair and servicing of home and garden equipment:
  - lawnmowers, edgers, snow- and leaf- blowers, trimmers, etc.

This type excludes:

- repair of hand-held power tools (see 331200)
- repair of central air conditioning systems (see 432204)



9523 Repair of footwear and leather goods

**952300 Repair of footwear and leather goods**

This type includes repair and maintenance of footwear and leather goods:  
- repair of boots, shoes, luggage and the like  
- fitting of heels

9524 Repair of furniture and home furnishings

**952400 Repair of furniture and home furnishings**

This type includes:  
- reupholstering, refinishing, repairing and restoring of furniture and home furnishings including office furniture

9525 Repair of watches, clocks and jewellery

**952500 Repair of watches, clocks and jewellery**

This type includes:  
- repair of watches, clocks and their parts such as watch cases and housings of all materials; movements, chronometers, etc.  
- repair of jewellery

This type excludes:  
- industrial engraving of metals (see 256100)  
- repair of time clocks, time/date stamps, time locks and similar time keeping devices (see 331300)

9529 Repair of other personal and household goods

**952900 Repair of other personal and household goods**

This type includes repair of personal and household goods:  
- repair of bicycles  
- repair and alteration of clothing  
- repair of sporting goods (except sporting guns) and camping equipment  
- repair of books  
- repair of musical instruments (except organs and historical musical instruments)  
- repair of toys and similar articles  
- repair of other personal and household goods  
- piano-tuning

This class also includes:  
- providing key duplication services

This type excludes:  
- repair of hand held power tools (see 331200)  
- repair of sporting and recreational guns (see 331100)

**96 OTHER PERSONAL SERVICE ACTIVITIES**

This division includes all 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 and other beauty treatment, funeral and related activities.

960 Other personal service activities

9601 Washing and (dry-)cleaning of textile and fur products

**960101 Washing of textiles**

This type includes:  
- industrial and commercial washing, treatment, etc. of all types of clothing and other textiles using machines for private or business customers

- laundry collection and delivery
- renting and leasing out of laundry, uniforms and work clothing, especially by laundromats (incl. purchasing, planning and storage of laundry)
- diaper supply services

This type also includes:

- self-service coin-operated laundry machines

This type excludes:

- renting of clothing other than work uniforms, even if cleaning of these goods is an integral part of the activity (see 772900)
- repair and alteration of clothing, etc., as an independent activity (see 952900)

## 960102 Dry-cleaning

This type includes:

- cleaning with detergents, steam cleaning, ironing, etc. of all types of clothing (including leather and fur garments) and other textiles using machines or by hand for private or business customers
- collection and delivery services
- carpet, rug, drapery and curtain dry-cleaning, whether on clients' premises or not

This type excludes:

- renting of linens, work uniforms and related items (see 960101)
- renting of clothing other than work uniforms, even if cleaning of these goods is an integral part of the activity (see 772900)
- repair and alteration of clothing, etc. (see 952900)

## 9602 Hairdressing and other beauty treatment

### 960201 Hairdressing salons

This type includes:

- hair washing, trimming and cutting, setting, dyeing, tinting, waving, straightening and similar activities for men and women
- shaving and beard trimming

This type excludes:

- manufacture of wigs (see 329900)

### 960202 Beauty salons

This type includes:

- beautician activities:
  - facial care and facial massage, manicure and pedicure, make-up, etc.

## 9603 Funeral and related activities

### 960300 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 and embalming and morticians' services
  - providing burial or cremation services
  - renting of equipped space in funeral parlours
- rental or sale of graves
- maintenance of graves and mausoleums

This type excludes:

- religious funeral service activities (see 949101)
- cemetery gardening (see 813000)

9604 Physical well-being activities

960401 Saunas, tanning studios

This type includes:

- activities of Turkish baths, sauna and steam baths, solariums

960402 Other physical well-being activities

This type includes:

- activities of thermal baths without medical supervision
- activities of reducing and slendering salons
- activities of massage salons (medical massage excluded), etc.

This type excludes:

- medical massage and therapy (see 869002)
- activities of health, fitness and body-building clubs and facilities (see 931300)
- activities of hotels with thermal baths (see 551001)

9609 Other personal service activities n.e.c.

960900 Other personal service activities n.e.c.

This type includes:

- astrological and spiritualists' activities
- social activities such as escort services, dating services, services of marriage bureaux
- pet care services such as boarding, grooming, sitting and training pets
- genealogical organisations
- activities of tattooing and piercing studios
- shoe shiners, porters, valet car parkers, etc.
- concession operation of coin-operated personal service machines (photo booths, weighing machines, machines for checking blood pressure, coin-operated lockers, etc.)

This type excludes:

- veterinary activities (see 750000)
- coin-operated washing machines (see 960101)
- coin-operated gambling machines and coin-operated games (see 920000)

# T ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE

## 97 ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL

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 the activities of households as employers of domestic personnel such as maids, cooks, waiters, valets, butlers, laundresses, gardeners, gatekeepers, stable-lads, chauffeurs, caretakers, governesses, babysitters, tutors, secretaries, etc.

It allows the domestic personnel employed to state the activity of their employer in censuses or studies, even though the employer is an individual. The product produced by this activity is consumed by the employing household.

This type excludes:

- provision of services such as cooking, gardening, etc., by independent service providers (companies or individuals) (see according to type of service)

## 98 UNDIFFERENTIATED GOODS- AND SERVICES-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, that is to say, the activities of households that are engaged in a variety of activities that produce goods for their own subsistence. These activities include hunting and gathering, farming, the production of shelter and clothing and other goods produced by the household for its own subsistence.

In application, if households are also engaged in the production of marketed goods, they are classified to the appropriate goods-producing industry of 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 services-producing activities of households. These activities include cooking, teaching, caring for household members and other services produced by the household for its own subsistence.

In application, if households are also engaged in the production of multiple goods for subsistence purposes, they are classified to the undifferentiated goods-producing subsistence activities of households.

# U 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



### 990001 Consulates

This type includes:

- activities of consulates or vice-consulates throughout the country

This type excludes:

- activities of embassies and embassies' consular sections (see 990002)

### 990002 Embassies

This type includes:

- activities of embassies, embassies' consular sections and permanent missions throughout the country

### 990003 International organisations of an administrative nature

This type includes:

- activities of international organisations (founded according to multilateral agreements and representing inter-governmental interests) such as:

- 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)
- the Intergovernmental Organisation for International Carriage by Rail (OTIF)
- the Bank for International Settlements (BIS)



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ISBN 978-3-303-00364-0