

Section A

Agriculture, forestry and fishing

This section includes the exploitation of vegetal and animal natural resources, comprising the activities of growing of crops, raising and breeding of animals, harvesting of timber and other plants, 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 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. However, 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.

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

This class includes all forms of growing of cereals, leguminous crops and oil seeds in open fields, including those considered organic farming and the growing of genetically modified crops. The growing of these crops is often combined within agricultural units.

This class includes:

—growing of cereals such as:

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

—growing of leguminous crops such as:

- ♦ beans
- ♦ broad beans
- ♦ chick peas
- ♦ cow peas
- ♦ lentils
- ♦ lupins
- ♦ peas
- ♦ pigeon peas
- ♦ other leguminous crops

—growing of oil seeds such as:

- ♦ soya beans
- ♦ groundnuts
- ♦ castor bean
- ♦ linseed
- ♦ mustard seed
- ♦ niger seed
- ♦ rapeseed
- ♦ safflower seed
- ♦ sesame seed
- ♦ sunflower seed
- ♦ other oil seeds

This class excludes:

—growing of maize for fodder, see 0119

0112 Growing of rice

This class includes:

—growing of rice (including organic farming and the growing of genetically modified rice)

0113 Growing of vegetables and melons, roots and tubers

This class 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, except 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 class excludes:

- growing of mushroom spawn, see 0130
- growing of chilies and peppers (*capsicum spp.*) and other spices and aromatic crops, see 0128

0114 Growing of sugar cane

This class includes:

- growing of sugar cane

This class excludes:

- growing of sugar beet, see 0113

0115 Growing of tobacco

This class includes:

- growing of unmanufactured tobacco

0116 Growing of fibre crops

This class 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

This class includes the growing of non-perennial crops not elsewhere classified.

This class includes:

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

This class excludes:

- growing of sunflower seeds, *see* 0111
- growing of non-perennial spice, aromatic, drug and pharmaceutical crops, *see* 0128

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. Included is the growing of these plants for the purpose of seed production.

0121 Growing of grapes

This class includes:

- growing of wine grapes and table grapes in vineyards

This class excludes:

- manufacture of wine, *see* 1102

0122 Growing of tropical and subtropical fruits

This class 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

This class 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

This class 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

This class 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 class excludes:

—*growing of coconuts, see 0126*

0126 Growing of oleaginous fruits

This class includes:

—growing of oleaginous fruits:

- ♦ coconuts
- ♦ olives
- ♦ oil palms
- ♦ other oleaginous fruits

This class excludes:

—*growing of soya beans, groundnuts and other oil seeds, see 0111*

0127 Growing of beverage crops

This class includes:

—growing of beverage crops:

- ♦ coffee
- ♦ tea
- ♦ maté
- ♦ cocoa
- ♦ other beverage crops

0128 Growing of spices, aromatic, drug and pharmaceutical crops

This class includes:

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

- ♦ pepper (*piper* spp.)
- ♦ chilies and peppers (*capsicum* spp.)
- ♦ nutmeg, mace and cardamoms
- ♦ anise, badian and fennel
- ♦ cinnamon (*canella*)
- ♦ cloves
- ♦ ginger
- ♦ vanilla
- ♦ hops
- ♦ other spices and aromatic crops

—growing of drug and narcotic crops

—growing of plants used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes

0129 Growing of other perennial crops

This class includes:

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

This class excludes:

—gathering of tree sap or rubber-like gums in the wild, see 0230

013 Plant propagation

See class 0130.

0130 Plant propagation

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

This class includes:

- growing of plants for planting

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

This class excludes:

- growing of plants for the purpose of seed production, see groups 011 and 012
- operation of forest tree nurseries, see 0210

014 Animal production

This group includes raising (farming) and breeding of all animals, except aquatic animals.

This group excludes:

- breeding support services, such as stud services, see 0162
- farm animal boarding and care, see 0162
- production of hides and skins from slaughterhouses, see 1010

0141 Raising of cattle and buffaloes

This class includes:

- raising and breeding of cattle and buffaloes
- production of raw cow milk from cows or buffaloes
- production of bovine semen

This class excludes:

- processing of milk, see 1050

0142 Raising of horses and other equines

This class includes:

- raising and breeding of horses (including racing horses), asses, mules or hinnies

This class excludes:

- operation of racing and riding stables, see 9319

0143 Raising of camels and camelids

This class includes:

- raising and breeding of camels (dromedary) and camelids

0144 Raising of sheep and goats

This class includes:

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

This class excludes:

- sheep shearing on a fee or contract basis, see 0162
- production of pulled wool, see 1010
- processing of milk, see 1050

0145 Raising of swine/pigs

This class includes:

—raising and breeding of swine (pigs)

0146 Raising of poultry

This class includes:

—raising and breeding of poultry:

♦ fowls of the species *Gallus domesticus* (chickens and capons), ducks, geese, turkeys and guinea fowls

—production of eggs

—operation of poultry hatcheries

This class excludes:

—production of feathers or down, see 1010

0149 Raising of other animals

This class 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 class excludes:

—production of hides and skins originating from hunting and trapping, see 0170

—operation of frog farms, crocodile farms, marine worm farms, see 0321, 0322

—operation of fish farms, see 0321, 0322

—training of pet animals, see 9609

015 Mixed farming

See class 0150.

0150 Mixed farming

This class includes the combined production of crops and animals without a specialized 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 exceeds 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 class 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

This class 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

— operation of agricultural irrigation equipment

This class also includes:

— provision of agricultural machinery with operators and crew

— maintenance of land to keep it in good condition for agricultural use

This class excludes:

— *post-harvest crop activities, see 0163*

— *activities of agronomists and agricultural economists, see 7490*

— *landscape architecture, see 7110*

— *landscape gardening, planting, see 8130*

— *maintenance of land to keep it in good ecological condition, see 8130*

— *organization of agricultural shows and fairs, see 8230*

0162 Support activities for animal production

This class 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 caponizing, coop cleaning etc.
- ♦ activities related to artificial insemination
- ♦ stud services
- ♦ sheep shearing
- ♦ farm animal boarding and care

This class also includes:

— activities of farriers

This class excludes:

- provision of space for animal boarding only, see 6810
- veterinary activities, see 7500
- vaccination of animals, see 7500
- renting of animals (e.g. herds), see 7730
- service activities to promote commercial hunting and trapping, see 9499
- pet boarding, see 9609

0163 Post-harvest crop activities

This class includes:

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

This class excludes:

- preparation of agricultural products by the producer, see groups 011 and 012
- preserving of fruit and vegetables, including dehydration by artificial means, see 1030
- stemming and redrying of tobacco, see 1200
- marketing activities of commission merchants and cooperative associations, see division 46
- wholesale of agricultural raw materials, see 4620

0164 Seed processing for propagation

This class 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 class excludes:

- growing of seeds, see groups 011 and 012
- processing of seeds to obtain oil, see 1040
- research to develop or modify new forms of seeds, see 7210

017 Hunting, trapping and related service activities

See class 0170.

0170 Hunting, trapping and related service activities

This class includes:

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

This class also includes:

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

This class excludes:

- production of fur skins, reptile or bird skins from ranching operations, see group 014
- raising of game animals on ranching operations, see 0149
- catching of whales, see 0311
- production of hides and skins originating from slaughterhouses, see 1010
- hunting for sport or recreation and related service activities, see 9319
- service activities to promote hunting and trapping, see 9499

02 Forestry and logging

This division includes the production of roundwood for the forest-based manufacturing industries (ISIC divisions 16 and 17) 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 fire wood, charcoal, wood chips and roundwood used in an unprocessed form (e.g. pit-props, pulpwood etc.). These activities can be carried out in natural or planted forests.

021 Silviculture and other forestry activities

See class 0210.

0210 Silviculture and other forestry activities

This class includes:

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

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

This class excludes:

- growing of Christmas trees, see 0129
- operation of tree nurseries, see 0130
- gathering of wild growing non-wood forest products, see 0230
- production of wood chips and particles, see 1610

022 Logging

See class 0220.

0220 Logging

This class 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 fire wood
- production of charcoal in the forest (using traditional methods)

The output of this activity can take the form of logs, chips or fire wood.

This class excludes:

- growing of Christmas trees, see 0129

- growing of standing timber: planting, replanting, transplanting, thinning and conserving of forests and timber tracts, *see* 0210
- gathering of wild growing non-wood forest products, *see* 0230
- production of wood chips and particles, not associated with logging, *see* 1610
- production of charcoal through distillation of wood, *see* 2011

023 Gathering of non-wood forest products

See class 0230.

0230 Gathering of non-wood forest products

This class includes the gathering of non-wood forest products and other plants growing in the wild.

This class 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 class excludes:

- managed production of any of these products (except growing of cork trees), *see* division 01
- growing of mushrooms or truffles, *see* 0113
- growing of berries or nuts, *see* 0125
- gathering of fire wood, *see* 0220

024 Support services to forestry

See class 0240.

0240 Support services to forestry

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

This class 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 class excludes:

—operation of forest tree nurseries, see 0210

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 own account (e.g. seeding oysters for pearl production).

This division does not include building and repairing of ships and boats (3011, 3315) and 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 the 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) or shore based netting, or from home-made dugouts or more commonly using commercially made boats in inshore, coastal waters or offshore waters. Unlike in aquaculture (group 032), the aquatic resource being captured is usually common property resource irrespective of whether the harvest from this resource is undertaken with or without exploitation rights. Such activities also include fishing restocked water bodies.

0311 Marine fishing

This class 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 class 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 class excludes:

- capturing of marine mammals, except whales, e.g. walruses, seals, see 0170
- processing of fish, crustaceans and molluscs on factory ships or in factories ashore, see 1020
- renting of pleasure boats with crew for sea and coastal water transport (e.g. for fishing cruises), see 5011
- fishing inspection, protection and patrol services, see 8423
- fishing practiced for sport or recreation and related services, see 9319
- operation of sport fishing preserves, see 9319

0312 Freshwater fishing

This class includes:

- fishing on a commercial basis in inland waters
- taking of freshwater crustaceans and molluscs
- taking of freshwater aquatic animals

This class also includes:

- gathering of freshwater materials

This class excludes:

- processing of fish, crustaceans and molluscs, see 1020*
- fishing inspection, protection and patrol services, see 8423*
- fishing practiced for sport or recreation and related services, see 9319*
- operation of sport fishing preserves, see 9319*

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

This class 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 class also includes:

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

This class excludes:

- frog farming, see 0322*
- operation of sport fishing preserves, see 9319*

0322 Freshwater aquaculture

This class 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