



Business Confidence Indicators

Methodology

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1 Introduction

The National Institute of Statistics prepares the statistics on which the Business Confidence Indicators (BCIs) are based on a quarterly basis. This is the first opinion survey carried out by the INE, in response to the need for a Harmonised Business Confidence Indicator (at the national level and by autonomous communities). It was conducted in collaboration with the Autonomous Communities, the Ministry of Industry and the National Council of Chambers of Commerce (NCCC).

2 Objectives

The main objective is to understand, at a given time, the view of establishment managers regarding their present situation. The statistic collects the opinions of establishment managers regarding business performance for each past quarter, and regarding their expectations for each coming quarter.

The BCIs generate three indicators on a quarterly basis (situation, expectations and confidence index), both at the national level and by Autonomous Communities. The data for both levels are available from 2013 onwards.

The survey also collects information on other variables related to the establishments, from which information is provided on the evolution of the situation and expectations of the level of employment in terms of hired personnel, and the price level, both broken down by activity sectors and size of the establishment, and for those establishments with main industrial activity, information is also provided on the degree of utilization of the productive capacity according to different percentage sections.

3 Statistical units

The basic statistical unit of this operation, from which the desired base information is obtained, is the store.

The store or establishment is any productive unit located in a topographically delimited place (workshop, mine, factory, warehouse, shop, office, etc.), from which economic activities are carried out and to which, with some exceptions, one or more people from the same company dedicate their work.

Given the characteristics of the variables collected in this survey, informants must be establishment managers, to ensure that they have a global perception of business progress and the evolution of the variables for which information is requested.

4 Scope of statistics

The scope of the statistic is defined in relation to the population investigated, time and space.

4.1 POPULATION SCOPE

BCI statistics are aimed at all establishments, with or without employees, whose **main activity** is included in the sections of the CNAE-2009: B to N (both inclusive, except for division 70), R (only divisions 92 and 93) and S (only divisions 95 and 96).

Sectors	Activities according to NACE-2009	
	Tract	Divisions
Industry	B Extractive industries	05-09
	C Manufacturing industry	10-33
	D Electricity, gas, steam and air conditioning supply	35
	E Water supply, sewerage, waste management and remediation activities	36-39
Construction	F Construction	41-43
Trade	G Wholesale and retail business; repair of motor vehicles and motorcycles	45-47
Transport and Hotels	H Transport and storage	49-53
	I Hospitality	55-56
Other Services	J Information and communications	58-63
	K Financial and insurance activities	64-66
	L Real estate activities	68
	M Professional, scientific and technical activities	69-75
	N Administrative and support services activities	77-82
	R Artistic, recreational and entertainment activities	90-93
	S Other services (except 94 associative activities)	95-96

The activities included in the scope of these operations are presented in detail in Annex 1.

4.2 TERRITORIAL OR GEOGRAPHICAL SCOPE

All establishments located in the national territory are subjects of this investigation, with the exception of the autonomous cities of Ceuta and Melilla.

4.3 TEMPORAL SCOPE

The BCIs are a quarterly statistic.

The reference period for the data is, in general, the last quarter (situation) and the coming one (expectations).

5 Sample design

The sampling type is stratified random. The strata are formed by crossing the following variables: autonomous community, sector of activity and size of the establishment (measured by the number of employees). A random sample is obtained in each stratum, except for establishments with 1000 or more employees, which are exhaustively investigated.

To create the estimators, the methodology applied in the Japanese TANKAN index is used, where there is neither weighting nor elevation. Each establishment “votes one” regardless of its stratum and the probability of belonging to the sample.

Each of the design stages is detailed below.

5.1 SAMPLING FRAME

The sampling frame is the Central Business Directory, a list of establishments or stores that is updated annually from administrative sources, mainly tax and Social Security sources.

The CBR contains information on the main economic activity and on the number of employees - variables that are used in the sample design - and on identification and location data, which are necessary for correct information collection.

5.2 STRATIFICATION

The population under study is divided into homogeneous groups, in accordance with what we seek to studied and disjoint, which are called strata. Each stratum constitutes an independent population for sampling purposes. These are formed by crossing the autonomous community (17) × activity sector (5) × size group (5)

The activity sectors are made up of the following divisions:

1. Industry: From 05 to 39
2. Construction: From 41 to 43
3. Transport and hospitality: From 45 to 47
4. Other services: From 58 to 96, except for 70, 84-88, 90, 91 and 94

The size groups are formed as follows:

1. Less than 10 employees
2. From 10 to 49 employees
3. From 50 to 199 employees
4. From 200 to 999 employees
5. 1000 or more employees

5.3 SAMPLE SIZE. ALLOCATION

At the beginning of this statistical operation, the sample size was calculated applying optimal allocation. A stratified estimator weighted by number of employees is assumed to estimate the survey variable, and the minimum sample size that meets the following precision requirements is calculated:

- a relative error of 1.25% for the national total
- a relative error of 4% by sector of activity
- a relative error of 5% by Autonomous Community

The sample is made up of around 8000 establishments and is representative at 3 levels:

- at the national level by sectors
- at the national level by size
- at the Autonomous Community level

Once the sample is obtained, those who leave are replaced on an annual basis, to maintain the size initially calculated.

5.4 SAMPLE SELECTION

In each stratum, the sample is obtained randomly by applying negative coordination (minimum overlap between samples) with the rest of the surveys carried out by the INE, in an attempt to reduce the statistical burden of the informant.

The selection is made annually, in December of each year, and is also coordinated with the rest of the BCI surveys obtained by INE but carried out by the Autonomous Communities with an agreement with the INE.

As of 2019, a sample rotation of approximately 20% was introduced to renew the sample, with the primary objective of avoiding informant fatigue.

6. Variables and definitions

For a better understanding and interpretation of the statistical results of these operations below are defined the main variables and concepts used, ordered according to the following grouping:

6.1. Classification variables:

- 6.1.1 Economic activity
- 6.1.2 Size of the company measured by number of employees.
- 6.1.3 Geographical distribution, by Autonomous Communities

6.2. Variables object of study:

- 6.2.1 Harmonised Business Confidence index
- 6.2.2 Situation of the previous quarter
- 6.2.3 Expectations for the coming quarter
- 6.2.4 Employment

6.2.5 Preces

6.2.6. Productive capacity

6.1 CLASSIFICATION VARIABLES

6.1.1 Economic activity

The economic activity carried out by an establishment is defined as the creation of added value through the production of goods and services.

Establishments frequently perform diverse activities that should be classified into separate classes of the CNAE-2009. In general, the activities carried out may be one of three types: main, secondary and auxiliary activities.

- The **main activity** is understood to be **that which generates the greatest added value**. Faced with the occasional difficulty of calculating the added value when carrying out several activities, it is considered as the main activity that generates the largest turnover or, failing that, that employs a larger number of employees.
- A secondary activity is any other activity carried out by the establishment, whose outputs are goods or services that are susceptible of being distributed or rendered to third parties.
- An **auxiliary activity** is one that exists solely to support the main activity and the secondary activities of the establishment, through the provision of goods and services for its exclusive use (administration departments, transport services or storage).

The statistical results presented are classified according to the main activity.

6.1.2 Size of the company, by number of employees

In this statistic, the establishment's number of employees is used to determine its size.

Salaried personnel are workers tied to the establishment through a work contract and who receive remuneration in the form of a wage, salary, commission, bonus, piecework or in kind. It includes both fixed and eventual staff, either full-time or part-time.

This includes both those persons who perform functions directly associated with the productive activities of the establishment, as well as those others whose tasks are not directly linked to the productive process (directors on salary, managers, technicians, office and administrative personnel, subordinates, sellers, etc.).

6.1.3 Geographical distribution, by Autonomous Communities

The establishments or stores of the companies may be located in different geographical locations, and, in addition, they may carry their management and

administration at one of these locations, or at another located in the same or in another community. The Business Confidence Indicators show a breakdown by autonomous community for three variables (index, situation and expectations) considering the location of said establishments.

6.2 VARIABLES STUDIED

The indicators obtained from this survey are based on the following question:

1. ¿Cómo valoraría la marcha del negocio en su establecimiento?

	<u>Favorable</u>	<u>Normal</u>	<u>Desfavorable</u>
1. En el trimestre que está acabando _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Para el trimestre que va a comenzar _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The inquiry presented regards business progress at the establishment, both in the last quarter (situation) and in the next one (expectations).

6.2.1 Expectations for the coming quarter

The Harmonised Expectation Indicator covers the difference or balance between the percentage of favourable and unfavourable responses with regard to the coming quarter. They can range from -100 (all informants have negative expectations for the next quarter) to +100 (all informants are optimistic in their expectations).

The interpretation is straightforward: If the Expectations data is positive, the optimists outnumber the pessimists regarding how business will evolve in the following quarter.

6.2.2 Situation of the previous quarter

The Harmonised Expectation Indicator: the difference or balance between the percentage of favourable and unfavourable responses with regard to the proceeding.

If the Situation Indicator is positive, there are more favourable opinions about how business went in the previous quarter.

6.2.3 Harmonised Business Confidence Index

Harmonized Business Confidence Indicator: constructed from a conveniently normalized geometric mean between the Situation and Expectations.

Business Confidence is specifically defined as the average between Situation and Expectations. A geometric mean is used and specifically:

$$\text{Confianza empresarial} = \sqrt{(\text{Situación} + 200) \times (\text{Expectativas} + 200)} - 200$$

Business Confidence can, therefore, fluctuate between the extreme values of –100 and +100. Based on this an index is calculated, the base for which is the first quarter of 2013.

$$ICEA = \frac{\text{Confianza empresarial} + 200}{\text{Confianza empresarial } 1^{\circ} \text{ del } 2013} \times 100$$

There is neither weighting nor elevation for the calculation of the indicators: each informant votes one, regardless of their size.

This methodology is used, for example, in the Japanese TANKAN index.

There is no seasonal adjustment of the balances previously obtained, as is normally done in many of these indices. The request for an answer is included in the corresponding questions, “taking into account the time of year in which we find ourselves.”

Likewise, the questionnaire also collects information on other variables, and offers information on three of them, which have been obtained through the following questions:

2. En el trimestre que está acabando, en comparación con el trimestre anterior, ¿qué tendencia han seguido las siguientes variables en su establecimiento?

	Aumentó	Se mantuvo estable	Disminuyó
1. Empleo (personal contratado) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Nivel de precios _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Para el trimestre que va a comenzar, en comparación con el que finaliza, ¿qué tendencia cree que seguirán las siguientes variables en su establecimiento?

	Aumentará	Se mantendrá estable	Disminuirá
1. Empleo (personal contratado) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Nivel de precios _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Si su establecimiento pertenece al sector industrial, responda además a las dos preguntas siguientes:

4. ¿Cuál ha sido el grado, en porcentaje, de utilización de su capacidad productiva en el trimestre que está acabando?

Menos del 40%	Del 40% al 54%	Del 55% al 69%	Del 70% al 79%	Del 80% al 89%	Del 90% al 100%
<input type="checkbox"/>					

5. ¿Cuál cree que será el grado, en porcentaje, de utilización de su capacidad productiva en el trimestre que va a comenzar?

Menos del 40%	Del 40% al 54%	Del 55% al 69%	Del 70% al 79%	Del 80% al 89%	Del 90% al 100%
<input type="checkbox"/>					

These are questions about employment and prices in the establishment, and in the case of industrial activity establishments, a question about the use of their productive capacity, presented in percentage sections, both in the last quarter (situation) as in the entree (expectations).

Perception that the managers of the establishments have regarding the recent evolution (previous quarter) and the expectations in the near future (next quarter) of employment, taken into account as personnel hired in the establishment. Percentage information is offered on the establishments that consider that employment increases, remains stable or decreases in the period asked. The balance is also offered, understood as the difference between positive and negative responses.

6.2.5 Precios

Perception that the managers of the establishments have regarding the recent evolution (previous quarter) and the expectations in the near future (next quarter) of the prices of the products or services offered. Percentage information is provided on the establishments that consider that the price level increases, remains stable or decreases in the period asked. The balance understood as the difference between positive and negative responses is also offered.

6.2.6 Productive Capacity

In the case of establishments classified as industrial in their main activity, they are asked to provide the perception that the managers of these establishments have regarding the recent evolution (previous quarter) and the expectations in the near future (next quarter) of the degree of use of its productive capacity within the percentage ranges offered: less than 40%, from 40% to 54%, from 55% to 69%, from 70% to 79%, from 80% to 89% or from 90% to 100%.

7 Sources of information

The periodicity is quarterly, with a collection of about 3 weeks, from the 15th of the last month of each quarter.

The collection is carried out through the collection units of the INE. The completion of the questionnaire via the Internet is encouraged, although in any case, respondents have other response channels available (fax, postal mail, telephone).

Collection Units are responsible for the management of the collection, recording and debugging of the questionnaires, as well as the attention to the telephone lines for the resolution of doubts of the informers. Telephone contacts with establishments are also made in cases where no response is obtained within the established period or is considered insufficient or inconsistent.

Also, in the process of collecting information, a series of incidents that do not allow obtaining the questionnaire can happen. Its rigorous treatment is of great importance since its analysis allows to update the framework of the survey and to affect the treatment of the information.

The incidents taken into account are:

- Discharge or definitive closing: the establishment has ceased in its activity in a definitive way, a situation that can be justified with some official document that accredits this.
- Temporarily or inactively closed: The establishment remains closed during the information collection period and cannot be located to any informant or has no activity during the year.
- Erroneously included: the establishment has a main activity that is outside the scope of the survey.
- Out-of-scope: Other characteristics of the unit, other than the main activity, situate it outside the scope of study of the survey.
- Duplicate: the establishment is listed in the directory more than once.
- Untraceable, negative and non-responsive. These situations, which at the end of the collection are small, are treated specially by the collection units to try to minimize the lack of response.

8 Processing of information

Since this is an opinion survey that uses unweighted estimators (TANKAN index), the filtering and imputation methods - common in other economic surveys - are not applied.

Collaboration with Autonomous Communities

Through collaboration agreements, INE cooperates with various Autonomous Communities, which also prepare this indicator.

The sample obtained by the INE is designed to give representative results at the levels specified in section 5.3 of the sample design. To provide results at more disaggregated levels, sample increments are necessary. Through a collaboration agreement with the INE, the Autonomous Communities responsible for collecting these.

The final objective is to integrate all the samples - those of the INE and the sample increments from the collaborating Autonomous Communities - to disseminate the results. Prior to such integration, the INE has established a statistical control mechanism based on hypothesis tests (equality of means). The results obtained with the sample that the INE contributes in the AC are compared with those of the AC sample. If the hypothesis of equality of means is not rejected, the samples are integrated without using any adjustment factor. On other hand, if the hypothesis is rejected, the same test is applied with an adjustment factor (distribution of the CA frame is adjusted to the INE frame) and if with this it is not rejected, the samples are integrated by applying said correction factor. The objective is to maintain the representation of each Autonomous Community in the national group.

9. Dissemination of information

Publication takes place during the first calendar days of each quarter.

Therefore, at the beginning of each calendar quarter, both the situation relative to the previous quarter and the expectations for the coming quarter are published, with the harmonised business confidence index.

The tabulation is presented according to the following classification criteria:

- **Main economic activity**, according to the codes of CNAE-2009. Data is presented with the following sectors of activity: industry, construction, commerce, transport and hospitality and other services.
- **Size of the enterprise**, by groupings of number of wage earners.
- **Geographical distribution**, by Autonomous Communities
- **Variables under study**: Harmonised Business Confidence Index, situation relative to last quarter, expectations for next quarter

Information is also provided on the evolution of the situation and expectations of the level of employment in terms of contracted personnel, and the price level, both broken down by activity sectors and size of the establishment, and for those establishments with main industrial activity, It also offers information on the degree of utilization of productive capacity according to different percentage sections.

This publication is available on the National Statistics Institute's website:

http://www.ine.es/dyngs/INEbase/es/operacion.htm?c=Estadistica_C&cid=1254736163552&menu=resultados&idp=1254735576550

Annex 1. CNAE-2009 activities included in the scope of the survey

The target population of the Business Confidence Indicators is made up of the establishments whose main activity is included in the sections of the CNAE-2009: B to N (both inclusive, except for division 70), R (only divisions 92 and 93) and S (only divisions 95 and 96), which includes the following divisions, groups and classes:

Activities according to NACE-2009

INDUSTRIAL SECTOR

B Extractive industries

05 Extraction of anthracite, coal and lignite

- 051 Extraction of anthracite and coal
 - 0510 Extraction of anthracite and coal
- 052 Extraction of lignite
 - 0520 Extraction of lignite

06 Crude oil and natural gas extraction

- 061 Crude oil extraction
 - 0610 Crude oil extraction
- 062 Extraction of natural gas
 - 0620 Extraction of natural gas

07 Extraction of metal ores

- 071 Extraction of iron ores
 - 0710 Extraction of iron ores
- 072 Extraction of non-ferrous metal ores
 - 0721 Extraction of uranium and thorium ores
 - 0729 Extraction of other non-ferrous metal ores

08 Other extractive industries

- 081 Extraction of stone, sand and clay
 - 0811 Extraction of ornamental stone and for construction, limestone, gypsum, chalk and slate
 - 0812 Extraction of gravels and sands; clay and kaolin extraction
- 089 Extractive industries n.e.c.
 - 0891 Extraction of minerals for chemicals and fertilizers
 - 0892 Extraction of peat
 - 0893 Salt Extraction
 - 0899 Other extractive industries n.e.c.

09 Activities to support the extractive industries

- 091 Activities to support the extraction of oil and natural gas
 - 0910 Activities to support the extraction of oil and natural gas
- 099 Activities to support other extractive industries
 - 0990 Activities to support other extractive industries

C Manufacturing Industry

10 Feed industry

- 101 Processing and conservation of meat and processing meat products
 - 1011 Processing and conservation of meat
 - 1012 Processing and conservation of poultry MEAT
 - 1013 Elaboration of meat and poultry products
- 102 Processing and conservation of fish, crustaceans and molluscs
 - 1021 Processing of fish, crustaceans and molluscs
 - 1022 Manufacture of canned fish
- 103 Processing and conservation of fruits and vegetables
 - 1031 Processing and conservation of potatoes

- 1032 Elaboration of fruit and vegetable juices
- 1039 Other processing and conservation of fruits and vegetables
- 104 **Manufacture of vegetable and animal oils and fats**
 - 1042 Manufacture of margarine and similar edible fats
 - 1043 Manufacture of olive oil
 - 1044 Manufacture of other oils and fats
- 105 **Manufacture of dairy products**
 - 1052 Manufacture of ice cream
 - 1053 Manufacture of cheeses
 - 1054 Preparation of milk and other dairy products
- 106 **Manufacture of milling products, starches and starch products**
 - 1061 Manufacture of milling products
 - 1062 Manufacture of starches and starch products
- 107 **Manufacture of bakery products and pasta**
 - 1071 Manufacture of bread and fresh bakery and pastry products
 - 1072 Manufacture of biscuits and long-lasting bakery and pastry products
 - 1073 Manufacture of food pasta, couscous and similar products
- 108 **Manufacture of other foodstuffs**
 - 1081 Manufacture of sugar
 - 1082 Manufacture of cocoa, chocolate and confectionery products
 - 1083 Elaboration of coffee, tea and infusions
 - 1084 Elaboration of spices, sauces and condiments
 - 1085 Elaboration of prepared dishes and meals
 - 1086 Elaboration of homogenized food preparations and dietetic foods
 - 1089 Elaboration of other food products n.e.c.
- 109 **Manufacture of products for animal feed**
 - 1091 Manufacture of farm animal feed products
 - 1092 Manufacture of pet food products
- 11 Manufacture of beverages**
 - 110 **Manufacture of beverages**
 - 1101 Distillation, rectification and mixing of alcoholic beverages
 - 1102 Wine making
 - 1103 Elaboration of cider and other fermented beverages from fruits
 - 1104 Elaboration of other non-distilled beverages, from fermentation
 - 1105 Manufacture of beer
 - 1106 Manufacture of malt
 - 1107 Manufacture of non-alcoholic beverages; Production of mineral water and other bottled water
- 12 Tobacco industry**
 - 120 **Tobacco industry**
 - 1200 Tobacco industry
- 13 Textile industry**
 - 131 **Preparation and spinning of textile fibres**
 - 1310 Preparation and spinning of textile fibres
 - 132 **Manufacture of textile fabrics**
 - 1320 Manufacture of textile fabrics
 - 133 **Finishing of textiles**
 - 1330 Finishing of textiles
 - 139 **Manufacture of other textile products**
 - 1391 Manufacture of knitted and crocheted fabrics
 - 1392 Manufacture of articles made with textiles, except garments
 - 1393 Manufacture of carpets and carpets
 - 1394 Manufacture of ropes, cords, twines and nets
 - 1395 Manufacture of non-woven fabrics and articles made with them, except apparel
 - 1396 Manufacture of other textile products for technical and industrial use
 - 1399 Manufacture of other textile products n.e.c.
- 14 Garment making**

- 141 Garment-making, except for furriery
 - 1411 Manufacture of leather garments
 - 1412 Making work clothes
 - 1413 Manufacture of other outerwear
 - 1414 Manufacture of underwear
 - 1419 Manufacture other apparel and accessories
- 142 Manufacture of fur products
 - 1420 Manufacture of fur products
- 143 Manufacture knitted clothing garments
 - 1431 Manufacture of hosiery
 - 1439 Manufacture of other knitwear
- 15 Leather and footwear industry**
 - 151 Preparation, tanning and finishing of the leather; Manufacture of articles of leather goods, travel and saddlery; Preparation and dyeing of skins
 - 1511 Preparation, tanning and finishing of the leather; Preparation and dyeing of skins
 - 1512 Manufacture of leather goods, travel and saddlery
 - 152 Manufacture of footwear
 - 1520 Manufacture of footwear
- 16 Wood and cork industry, excluding furniture; basketry and plaiting**
 - 161 Sawmilling and planing of wood
 - 1610 Sawmilling and planing of wood
 - 162 Manufacture of wood products, cork, basketry and plaiting
 - 1621 Manufacture of veneers and wood panels
 - 1622 Manufacture of assembled wood floors
 - 1623 Manufacture of other timber structures and carpentry and woodworking parts for construction
 - 1624 Manufacture of packaging and packaging of wood
 - 1629 Manufacture of other wood products; Articles of Cork, basketry and plaiting
- 17 Paper industry**
 - 171 Manufacture of pulp bin, paper and cardboard
 - 1711 Manufacture of pulp bin
 - 1712 Manufacture of paper and cardboard
 - 172 Manufacture of paper and cardboard items
 - 1721 Manufacture of corrugated paper and paperboard; Manufacture of packaging and packaging of paper and cardboard
 - 1722 Manufacture of paper and cardboard articles for household, sanitary and hygienic use
 - 1723 Manufacture of stationery articles
 - 1724 Manufacture of wallpapers
 - 1729 Manufacture of other paper and cardboard items
- 18 Graphic arts and reproduction of recorded media**
 - 181 Graphic arts and related services
 - 1811 Graphic arts and related services
 - 1812 Other printing and graphic arts activities
 - 1813 Pre-press and media preparation services
 - 1814 Bookbinding and related services
 - 182 Reproduction of recorded media
 - 1820 Reproduction of recorded media
- 19 Manufacture of coke and refined petroleum products**
 - 191 Manufacture of coke oven products
 - 1910 Manufacture of coke oven products
 - 192 Refining Oil
 - 1920 Refining Oil
- 20 Chemical Industry**
 - 201 Manufacture of basic chemicals, nitrogen compounds, fertilizers, plastics and synthetic rubber in primary forms
 - 2011 Manufacture of industrial gases
 - 2012 Manufacture of dyes and pigments
 - 2013 Manufacture of other basic inorganic chemical products
 - 2014 Manufacture of other basic organic chemical products

- 2015 Manufacture of fertilisers and nitrogen compounds
- 2016 Manufacture of plastics in primary forms
- 2017 Manufacture of synthetic rubber in primary forms
- 202 **Manufacture of pesticides and other agrochemical products**
 - 2020 Manufacture of pesticides and other agrochemical products
- 203 **Manufacture of paints, varnishes and similar coatings; Printing inks and mastics**
 - 2030 Manufacture of paints, varnishes and similar coatings; Printing inks and mastics
- 204 **Manufacture of soaps, detergents and other cleaning and polishing articles; Manufacture of perfumes and cosmetics**
 - 2041 Manufacture of soaps, detergents and other cleaning and polishing articles
 - 2042 Manufacture of perfumes and cosmetics
- 205 **Manufacture of other chemical products**
 - 2051 Manufacture of explosives
 - 2052 Manufacture of glues
 - 2053 Manufacture of essential oils
 - 2059 Manufacture of other chemical products n.e.c.
- 206 **Manufacture of artificial and synthetic fibres**
 - 2060 Manufacture of artificial and synthetic fibres
- 21 Manufacture of pharmaceutical products**
 - 211 **Manufacture of basic pharmaceutical products**
 - 2110 Manufacture of basic pharmaceutical products
 - 212 **Manufacture of pharmaceutical preparations**
 - 2120 Manufacture of pharmaceutical preparations
- 22 Manufacture of rubber and plastic products**
 - 221 **Manufacture of rubber products**
 - 2211 Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
 - 2219 Manufacture of other rubber products
 - 222 **Manufacture of plastic products**
 - 2221 Manufacture of plates, sheets, tubes and plastic profiles
 - 2222 Manufacture of plastic containers and packaging
 - 2223 Manufacture of plastic products for construction
 - 2229 Manufacture of other plastic products
- 23 Manufacture of other non-metallic mineral products**
 - 231 **Manufacture of glass and glass products**
 - 2311 Manufacture of flat glass
 - 2312 Manipulation and transformation of flat glass
 - 2313 Manufacture of hollow glass
 - 2314 Manufacture of fibreglass
 - 2319 Manufacture and handling of other glass, including technical glass
 - 232 **Manufacture of refractory ceramic products**
 - 2320 Manufacture of refractory ceramic products
 - 233 **Manufacture of ceramic products for construction**
 - 2331 Manufacture of ceramic tile
 - 2332 Manufacture of bricks, tiles and construction products, in baked clay
 - 234 **Manufacture of other ceramic products**
 - 2341 Manufacture of ceramic products for home and ornamental use
 - 2342 Manufacture of ceramic sanitary fixtures
 - 2343 Manufacture of insulators and insulating parts of ceramic material
 - 2344 Manufacture of other ceramic products for technical use
 - 2349 Manufacture of other ceramic products
 - 235 **Manufacture of cement, lime and gypsum**
 - 2351 Manufacture of cement
 - 2352 Manufacture of lime and gypsum
 - 236 **Manufacture of concrete, cement and gypsum elements**
 - 2361 Manufacture of concrete elements for construction
 - 2362 Manufacture of gypsum elements for construction
 - 2363 Manufacture of fresh concrete

- 2364 Manufacture of mortar
- 2365 Manufacture of fibre cement
- 2369 Manufacture of other concrete, gypsum and cement products
- 237 Cutting, carving and finishing of the stone
 - 2370 Cutting, carving and finishing of the stone
- 239 Manufacture of abrasive products and non-metallic mineral products n.e.c.
 - 2391 Manufacture of abrasive products
 - 2399 Manufacture of other non-metallic mineral products n.e.c.
- 24 Metallurgy; manufacture of iron, steel and ferro-alloy products**
 - 241 Manufacture of basic products in iron, steel and ferro-alloys
 - 2410 Manufacture of basic products in iron, steel and ferro-alloys
 - 242 Manufacture of steel pipes, pipes, hollow profiles and their accessories
 - 2420 Manufacture of steel pipes, pipes, hollow profiles and their accessories
 - 243 Manufacture of other first-processing steel products
 - 2431 Cold drawn
 - 2432 Cold rolling
 - 2433 Production of cold-forming profiles with folding
 - 2434 Cold drawn wire
 - 244 Production of precious metals and other non-ferrous metals
 - 2441 Production of precious metals
 - 2442 Aluminium production
 - 2443 Production of lead, zinc and tin
 - 2444 Copper production
 - 2445 Production of other non-ferrous metals
 - 2446 Processing of nuclear fuels
 - 245 Casting of metals
 - 2451 Casting of iron
 - 2452 Casting of steel
 - 2453 Casting of light metals
 - 2454 Casting of other non-ferrous metals
- 25 Manufacture of metal products, except machinery and equipment**
 - 251 Manufacture of metal elements for construction
 - 2511 Manufacture of metal structures and their components
 - 2512 Manufacture of doors and windows of metal
 - 252 Manufacture of tanks, reservoirs and containers of metal
 - 2521 Manufacture of radiators and boilers for central heating
 - 2529 Manufacture of other tanks, reservoirs and containers of metal
 - 253 Manufacture of steam generators, except central heating boilers
 - 2530 Manufacture of steam generators, except central heating boilers
 - 254 Manufacture of weapons and ammunition
 - 2540 Manufacture of weapons and ammunition
 - 255 Forging, stamping and drawing of metals; powder metallurgy
 - 2550 Forging, stamping and drawing of metals; powder metallurgy
 - 256 Treatment and coating of metals; Mechanical engineering on behalf of third parties
 - 2561 Treatment and coating of metals
 - 2562 Mechanical Engineering on behalf of third parties
 - 257 Manufacture of cutlery and silverware articles, tools and hardware
 - 2571 Manufacture of cutlery and silverware articles
 - 2572 Manufacture of locks and fittings
 - 2573 Manufacture of tools
 - 259 Manufacture of other metallic products
 - 2591 Manufacture of steel drums and similar containers
 - 2592 Manufacture of light metal packaging
 - 2593 Manufacture of wire, chain and spring products
 - 2594 Manufacture of bolts and hardware products
 - 2599 Manufacture of other metallic products n.e.c.

26 Manufacture of computer, electronic and optical products

- 261 Manufacture of electronic components and printed assembled circuits
 - 2611 Manufacture of electronic components
 - 2612 Manufacture of loaded electronic boards
- 262 Manufacture of computers and peripheral equipment
 - 2620 Manufacture of computers and peripheral equipment
- 263 Manufacture of telecommunications equipment
 - 2630 Manufacture of telecommunications equipment
- 264 Manufacture of consumer electronics products
 - 2640 Manufacture of consumer electronics products
- 265 Manufacture of instruments and appliances for measuring, testing and navigation ; Clock manufacturing
 - 2651 Manufacture of instruments and appliances for measuring, testing and navigation
 - 2652 Manufacture of watches
- 266 Manufacture of radiation, electromedical and electro therapeutic equipment
 - 2660 Manufacture of radiation, electromedical and electro therapeutic equipment
- 267 Manufacture of optical instruments and photographic equipment
 - 2670 Manufacture of optical instruments and photographic equipment
- 268 Manufacture of magnetic and optical supports
 - 2680 Manufacture of magnetic and optical supports

27 Manufacture of electrical material and equipment

- 271 Manufacture of electric motors, generators and transformers, and of electrical control and distribution devices
 - 2711 Manufacture of electric motors, generators and transformers
 - 2712 Manufacture of electricity distribution and control apparatus
- 272 Manufacture of batteries and electric accumulators
 - 2720 Manufacture of batteries and electric accumulators
- 273 Manufacture of cables and wiring devices
 - 2731 Manufacture of fibre optic cables
 - 2732 Manufacture of other electronic and electrical wires and cables
 - 2733 Manufacture of wiring devices
- 274 Manufacture of lamps and electrical lighting fixtures
 - 2740 Manufacture of lamps and electrical lighting fixtures
- 275 Manufacture of household appliances
 - 2751 Manufacture of electric domestic appliances
 - 2752 Manufacture of non-electric household appliances
- 279 Manufacture of other material and electrical equipment
 - 2790 Manufacture of other material and electrical equipment

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

- 281 Manufacture of machinery for general purposes
 - 2811 Manufacture of engines and turbines, except for aircraft, automobiles and mopeds
 - 2812 Manufacture of hydraulic and pneumatic transmission equipment
 - 2813 Manufacture of other pumps and compressors
 - 2814 Manufacture of other taps and valves
 - 2815 Manufacture of bearings, gears, gearing and driving elements
- 282 Manufacture of other general purpose machinery
 - 2821 Manufacture of furnaces and burners
 - 2822 Manufacture of lifting and handling machinery
 - 2823 Manufacture of office machines and equipment, except computer equipment
 - 2824 Manufacture of manual power tools
 - 2825 Manufacture of non-domestic ventilation and refrigeration machinery
 - 2829 Manufacture of other general purpose machinery n.e.c.
- 283 Manufacture of agricultural and forestry machinery
 - 2830 Manufacture of agricultural and forestry machinery
- 284 Manufacture of machine tools to work metal and other machine tools
 - 2841 Manufacture of machine-tools for working metal
 - 2849 Manufacture of other machine tools
- 289 Manufacture of other machinery for specific uses

- 2891 Manufacture of machinery for metallurgical industry
- 2892 Manufacture of machinery for extractive and construction industries
- 2893 Manufacture of machinery for the food, beverage and tobacco industry
- 2894 Manufacture of machinery for textile, garment and leather industries
- 2895 Manufacture of machinery for paper and paperboard industry
- 2896 Manufacture of machinery for the plastic and rubber industry
- 2899 Manufacture of other machinery for specific uses n.e.c.

29 Manufacture of motor vehicles, trailers and semi-trailers

- 291 Manufacture of motor vehicles
 - 2910 Manufacture of motor vehicles
- 292 Manufacture of bodyworks for motor vehicles; Manufacture of trailers and semi-trailers
 - 2920 Manufacture of bodyworks for motor vehicles; Manufacture of trailers and semi-trailers
- 293 Manufacture of components, parts and accessories for motor vehicles
 - 2931 Manufacture of electrical and electronic equipment for motor vehicles
 - 2932 Manufacture of other components, parts and accessories for motor vehicles

30 Manufacture of other transport material

- 301 Shipbuilding
 - 3011 Construction of ships and floating structures
 - 3012 Construction of recreational and sport boats
- 302 Manufacture of railway and tramway locomotives and rolling stock
 - 3020 Manufacture of railway and tramway locomotives and rolling stock
- 303 Manufacture of air and spacecraft and related machinery
 - 3030 Manufacture of air and spacecraft and related machinery
- 304 Manufacture of military combat vehicles
 - 3040 Manufacture of military combat vehicles
- 309 Manufacture of other transport material n.e.c.
 - 3091 Manufacture of motorcycles
 - 3092 Manufacture of bicycles and vehicles for disabled persons
 - 3099 Manufacture of other transport material n.e.c.

31 Manufacture of furniture

- 310 Manufacture of furniture
 - 3101 Manufacture of office and shop furniture
 - 3102 Manufacture of kitchen furniture
 - 3103 Manufacture of mattresses
 - 3109 Manufacture of other furniture

32 Other manufacturing industries

- 321 Manufacture of jewellery, bijouterie and related articles
 - 3211 Manufacture of coins
 - 3212 Manufacture of jewellery and related articles
 - 3213 Manufacture of bijouterie and similar articles
- 322 Manufacture of musical instruments
 - 3220 Manufacture of musical instruments
- 323 Manufacture of sporting goods
 - 3230 Manufacture of sporting goods
- 324 Manufacture of games and toys
 - 3240 Manufacture of games and toys
- 325 Manufacture of medical and dental instruments and supplies
 - 3250 Manufacture of medical and dental instruments and supplies
- 329 Manufacturing industries n.e.c.
 - 3291 Manufacture of brooms and brushes
 - 3299 Other Manufacturing industries n.e.c.

33 Repair and installation of machinery and equipment

- 331 Repair of metal products, machinery and equipment
 - 3311 Repair of Metal Products
 - 3312 Repair of machinery
 - 3313 Repair of electronic and optical equipment

- 3314 Repair of electrical equipment
- 3315 Repair and maintenance of naval items
- 3316 Repair and maintenance of aircraft and spacecraft
- 3317 Repair and maintenance of other transport equipment
- 3319 Repair of other equipment
- 332 Installation of industrial machines and equipment
 - 3320 Installation of industrial machines and equipment

D Electric energy, gas, steam and air conditioning supply

35 Electric energy, gas, steam and air conditioning supply

- 351 Production, transport and distribution of electrical energy
 - 3512 Transmission of electricity
 - 3513 Distribution of electricity
 - 3514 Trade of electricity
 - 3515 Production of hydroelectric energy
 - 3516 Production of electric power from a conventional thermal origin
 - 3517 Manufacture of gas
 - 3518 Production of electrical energy from a wind source
 - 3519 Production of electrical energy of another type
- 352 Production of gas; Pipeline distribution of gaseous fuels
 - 3521 Gas production
 - 3522 Distribution of gaseous fuels through mains
 - 3523 Trade of gas through mains
- 353 Supply of steam and air conditioning
 - 3530 Supply of steam and air conditioning

E Water supply, sanitation activities, waste management and decontamination

36 Collection, purification and distribution of water

- 360 Collection, purification and distribution of water
 - 3600 Collection, purification and distribution of water

37 Collection and treatment of wastewater

- 370 Collection and treatment of wastewater
 - 3700 Collection and treatment of wastewater

38 Collection, treatment and disposal of waste; recovery

- 381 Collection of waste
 - 3811 Collection of non-hazardous waste
 - 3812 Collection of hazardous waste
- 382 Treatment and disposal of waste
 - 3821 Treatment and disposal of non-hazardous waste
 - 3822 Treatment and disposal of hazardous waste
- 383 Materials recovery
 - 3831 Separation and classification of materials
 - 3832 Recovery of sorted materials

39 Decontamination activities and other waste management services

- 390 Decontamination activities and other waste management services
 - 3900 Decontamination activities and other waste management services

CONSTRUCTION SECTOR

F Construction

41 Construction of buildings

- 411 Development of building projects
 - 4110 Development of building projects
- 412 Construction of buildings
 - 4121 Construction of residential buildings

4122 Construction of non-residential buildings

42 Civil Engineering

421 Construction of roads and railways, bridges and tunnels

4211 Construction of roads and motorways

4212 Construction of railways and underground railways

4213 Construction of bridges and tunnels

422 Construction of utility projects

4221 Construction of utility projects for fluids

4222 Construction of utility projects for electricity and telecommunications

429 Construction of other civil engineering projects

4291 Construction of water projects

4299 Construction of other civil engineering projects n.e.c.

43 Specialised construction activities

431 Demolition and site preparation

4311 Demolition

4312 Site preparation

4313 Test drilling and boring

432 Electrical, plumbing and other construction installation activities

4321 Electrical installations

4322 Plumbing, heat and air conditioning installation

4329 Other construction installation

433 Building completion and finishing

4331 Plastering

4332 Joinery installation

4333 Floor and wall covering

4334 Painting and glazing

4339 Other building completion and finishing

439 Other specialised construction activities

4391 Roofing activities

4399 Other specialised construction activities n.e.c.

TRADE SECTOR

G Wholesale and retail trade; repair of motor vehicles and motorcycles

45 Sale and repair of motor vehicles and motorcycles

451 Sale of motor vehicles

4511 Sale of cars and light motor vehicles

4519 Sale of other motor vehicles

452 Maintenance and repair of motor vehicles

4520 Maintenance and repair of motor vehicles

453 Trade in spare parts and accessories for motor vehicles

4531 Wholesale trade of spare parts and accessories of motor vehicles

4532 Retail trade of spare parts and accessories of motor vehicles

454 Sale, maintenance and repair of motorcycles and their spare parts and accessories

4540 Sale, maintenance and repair of motorcycles and their spare parts and accessories

46 Wholesale trade and trade intermediaries, except for motor vehicles and motorcycles

461 Agents involved in trade

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

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

4613 Agents involved in trade of timber and building materials

4614 Agents involved in trade of machinery, industrial equipment, boats and aircrafts

4615 Agents involved in trade of furniture, housewares and Ironmongery

4616 Agents involved in trade of textiles, apparel, furriery, footwear and leather goods

4617 Agents involved in trade of foodstuffs, beverages and tobacco

4618 Agents involved in trade other specific products, specializing in the sale

4619 Agents involved in trade of diverse products

- 462 Wholesale trade of agricultural raw materials and live animals
 - 4621 Wholesale trade in cereals, branch tobacco, seeds and animal feed
 - 4622 Wholesale trade of flowers and plants
 - 4623 Wholesale trade of live animals
 - 4624 Wholesale trade of leathers and skins
- 463 Wholesale trade of foodstuffs, beverages and tobacco
 - 4631 Wholesale trade of fruits and vegetables
 - 4632 Wholesale trade in beef and meat products
 - 4633 Wholesale trade in dairy products, eggs, edible oils and fats
 - 4634 Wholesale trade of beverages
 - 4635 Wholesale trade of tobacco products
 - 4636 Wholesale trade in sugar, chocolate and confectionery
 - 4637 Wholesale trade of coffee, tea, cocoa and spices
 - 4638 Wholesale trade of fish and shellfish and other foodstuffs
 - 4639 Wholesale, non-specialized, food, beverage and tobacco trade
- 464 Wholesale trade of household items
 - 4641 Wholesale trade of textiles
 - 4642 Wholesale trade of garments and footwear
 - 4643 Wholesale trade of household appliances
 - 4644 Wholesale trade of porcelain, glassware and cleaning articles
 - 4645 Wholesale trade of perfumery and cosmetic products
 - 4646 Wholesale trade of pharmaceuticals
 - 4647 Wholesale trade of furniture, rugs and lighting fixtures
 - 4648 Wholesale trading of watchmaking and jewellery items
 - 4649 Wholesale trade of other household items
- 465 Wholesale trade of equipment for information and communications technologies
 - 4651 Wholesale trade of computers, peripheral equipment and software
 - 4652 Wholesale trade of electronic and telecommunications equipment and their components
- 466 Wholesale trade of other machinery, equipment and supplies
 - 4661 Wholesale trade of agricultural machinery, equipment and supplies
 - 4662 Wholesale trade of machine tools
 - 4663 Wholesale trade of machinery for mining, construction and civil engineering
 - 4664 Wholesale trade of machinery for textile and sewing machines and knitting machines
 - 4665 Wholesale trade of office furniture
 - 4666 Wholesale trade of other machinery and office equipment
 - 4669 Wholesale trade of other machinery and equipment
- 467 Other specialized wholesale trade
 - 4671 Wholesale trade of solid, liquid and gaseous fuels, and similar products
 - 4672 Wholesale trade of metals and metal ores
 - 4673 Wholesale trade of timber, building materials and sanitary fixtures
 - 4674 Wholesale trade of hardware, plumbing and heating
 - 4675 Wholesale trade of chemicals
 - 4676 Wholesale trade of other semi-finished products
 - 4677 Wholesale trade of scrap and waste products
- 469 Non-specialized wholesale trade
 - 4690 Non-specialized wholesale trade
- 47 Retail trade, except motor vehicles and motorcycles**
 - 471 Retail trade in non-specialized establishments
 - 4711 Retail trade in non-specialized establishments, with predominance in foodstuffs, beverages and tobacco
 - 4719 Other retail trade in non-specialized establishments
 - 472 Retail trade of foodstuffs, beverages and tobacco in specialized establishments
 - 4721 Retail trade of fruits and vegetables in specialized establishments
 - 4722 Retail trade in meats and meat products in specialized establishments
 - 4723 Retail trade of fish and shellfish in specialized establishments
 - 4724 Retail trade of bread and bakery products, confectionery and confectionery in specialized establishments
 - 4725 Retail trade of beverage in specialized establishments

- 4726 Retail trade in tobacco products in specialized establishments
- 4729 Other retail food trade in specialized establishments
- 473 Retail sale of fuel for automotive in specialized establishments
 - 4730 Retail sale of fuel for automotive in specialized establishments
- 474 Retail sale of equipment for information and communications technologies in specialized establishments
 - 4741 Retail sale of computers, peripheral equipment and software in specialized establishments
 - 4742 Retail sale of telecommunications equipment in specialized establishments
 - 4743 Retail sale of audio and video equipment in specialized establishments
- 475 Retail sale of other articles of domestic use in specialized establishments
 - 4751 Retail sale of textiles in specialized establishments
 - 4752 Retail sale of hardware, painting and glass in specialized establishments
 - 4753 Retail sale of carpets, carpets and wall and floor coverings in specialized establishments
 - 4754 Retail sale of household appliances in specialized establishments
 - 4759 Retail sale of furniture, lighting fixtures and other articles of domestic use in specialized establishments
- 476 Retail sale of cultural and recreational articles in specialized establishments
 - 4761 Retail sale of books in specialized establishments
 - 4762 Retail sale of newspapers and stationery articles in specialized establishments
 - 4763 Retail sale of music and video recordings in specialized establishments
 - 4764 Retail sale of sporting goods in specialized establishments
 - 4765 Retail sale of games and toys in specialized establishments
- 477 Retail sale of other articles in specialized establishments
 - 4771 Retail sale of clothing in specialised stores
 - 4772 Retail sale of footwear and leather goods in specialized establishments
 - 4773 Retail sale of pharmaceuticals in specialized establishments
 - 4774 Retail sale of medical and orthopaedic articles in specialized establishments
 - 4775 Retail sale in cosmetic and hygienic products in specialized establishments
 - 4776 Retail sale of flowers, plants, seeds, fertilizers, petfood and food for the same in specialized establishments
 - 4777 Retail sale of watches and jewellery in specialized establishments
 - 4778 Other retail sale of new articles in specialized establishments
 - 4779 Retail sale of second-hand goods in establishments
- 478 Retail sale in sales stalls and in flea markets
 - 4781 Retail sale of food products, beverages and tobacco in stalls and in flea markets
 - 4782 Retail sale of textile products, apparel and footwear in stalls and in flea markets
 - 4789 Retail sale of other products in sales stalls and in flea markets
- 479 Retail sale not carried out in establishments or in stalls or in flea markets
 - 4791 Retail sale by correspondence or internet
 - 4799 Other retail sale not carried out in establishments, in stalls or in markets

SERVICES SECTOR

H Transport and storage

49 Ground and pipe transport

- 491 Intercity passenger transport by rail
 - 4910 Intercity passenger transport by rail
- 492 Carriage of goods by rail
 - 4920 Carriage of goods by rail
- 493 Other passenger ground transportation
 - 4931 Urban and suburban passenger land transport
 - 4932 Transport by taxi
 - 4939 Other types of passenger land transport n.e.c.
- 494 Transport of goods by road and moving services
 - 4941 Transport of goods by road
 - 4942 Moving services
- 495 Transport by pipe
 - 4950 Transport by pipe

50 Maritime and inland waterway transport

- 501 Sea and coastal passenger water transport
 - 5010 Sea and coastal passenger water transport
- 502 Sea and coastal freight water transport
 - 5020 Sea and coastal freight water transport
- 503 Inland passenger water transport
 - 5030 Inland passenger water transport
- 504 Inland freight water transport
 - 5040 Inland freight water transport

51 Air transport

- 511 Passenger air transport
 - 5110 Passenger air transport
- 512 Air freight and space transport
 - 5121 Air Freight
 - 5122 Space Transport

52 Storage and activities attached to transport

- 521 Deposit and Storage
 - 5210 Deposit and Storage
- 522 Service activities incidental to land transportation
 - 5221 Service activities incidental to land transportation
 - 5222 Service activities incidental to water transportation
 - 5223 Service activities incidental to air transportation
 - 5224 Cargo handling
 - 5229 Other activities incidental to the transportation

53 Postal and mail activities

- 531 Postal activities under universal service obligation
 - 5310 Postal activities under universal service obligation
- 532 Other postal and post activities
 - 5320 Other postal and post activities

I Accommodation and food service activities

55 Accommodation services

- 551 Hotels and similar accommodations
 - 5510 Hotels and similar accommodations
- 552 Holiday accommodation and other short stay accommodation
 - 5520 Holiday accommodation and other short stay accommodation
- 553 Campsites and parking for caravans
 - 5530 Campsites and parking for caravans
- 559 Other Accommodation
 - 5590 Other Accommodation

56 Food and Beverage services

- 561 Restaurants and food stalls
 - 5610 Restaurants and food stalls
- 562 Provision of prepared meals for events and other food services
 - 5621 Provision of prepared meals for events
 - 5629 Other food Services
- 563 Beverage serving activities
 - 5630 Beverage serving activities

J Information and Communications

58 Edition

- 581 Publishing of books, newspapers and other editorial activities
 - 5811 Book publishing
 - 5812 Publishing of directories and mailing lists
 - 5813 Publishing of newspapers
 - 5814 Publishing of magazines

- 5819 Other editorial activities
- 582 Publishing of Software
 - 5821 Publishing of video games
 - 5829 Publishing of other software
- 59 Cinematographic, video and television programs, sound recording and music publishing**
 - 591 Film, video and television programmes
 - 5912 Motion picture, video and television programme post-production activities
 - 5914 Motion picture exhibition activities
 - 5915 Motion picture and video production activities
 - 5916 Television production activities
 - 5917 Motion picture and video distribution activities
 - 5918 Television programme distribution activities
 - 592 Sound recording and music publishing activities
 - 5920 Sound recording and music publishing activities
- 60 Radio and television programming and broadcast activities**
 - 601 Broadcasting Activities
 - 6010 Broadcasting Activities
 - 602 Television programming and broadcasting activities
 - 6020 Television programming and broadcasting activities
- 61 Telecommunications**
 - 611 Wired telecommunications activities
 - 6110 Wired telecommunications activities
 - 612 Wireless telecommunications activities
 - 6120 Wireless telecommunications activities
 - 613 Satellite telecommunications
 - 6130 Satellite telecommunications
 - 619 Other telecommunications activities
 - 6190 Other telecommunications activities
- 62 Programming, consultancy and other computer-related activities**
 - 620 Programming, consultancy and other computer-related activities
 - 6201 Computer programming activities
 - 6202 Computer consultancy activities
 - 6203 Management of computer resources
 - 6209 Other services related to information technology and informatics
- 63 Information Services**
 - 631 Data processing, hosting and related activities; Web portals
 - 6311 Data processing, hosting and related activities
 - 6312 Web portals
 - 639 Other information services
 - 6391 Activities of the news agencies
 - 6399 Other information services n.e.c.

K Financial and insurance activities

- 64 Financial service activities, except insurance and pension funding**
 - 641 Financial Intermediation
 - 6411 Central Bank
 - 6419 Other monetary intermediation
 - 642 Activities of holding companies
 - 6420 Activities of holding companies
 - 643 Trusts, funds and similar financial entities
 - 6430 Trusts, funds and similar financial entities
 - 649 Other Financial service activities, except insurance and pension funding
 - 6491 Finance leasing
 - 6492 Other credit granting
 - 6499 Other financial service activities, except insurance and pension funding n.e.c.
- 65 Insurance, reinsurance and pension funding, except compulsory Social Security**

- 651 Insurance
 - 6511 Life insurance
 - 6512 Non-life insurance
- 652 Reinsurance
 - 6520 Reinsurance
- 653 Pension funds
 - 6530 Pension funds
- 66 Auxiliary activities related to financial services and insurance**
 - 661 Auxiliary activities to financial services, except insurance and pension funding
 - 6611 Administration of financial markets
 - 6612 Security and commodity contracts brokerage
 - 6619 Other auxiliary activities to financial services, except insurance and pension funding
 - 662 Auxiliary activities to insurance and pension funding
 - 6621 Risk and damage evaluation
 - 6622 Activities of insurance agents and brokers
 - 6629 Other auxiliary activities to insurance and pension funding
 - 663 Fund management activities
 - 6630 Fund management activities

L Real Estate Activities

68 Real Estate Activities

- 681 Buying and selling of own real estate
 - 6810 Buying and selling of own real estate
- 682 Renting and operating of own or leased real estate
 - 6820 Renting and operating of own or leased real estate
- 683 Real estate activities on behalf of third parties
 - 6831 Agents of the real estate
 - 6832 Management of real estate on a fee or contract basis

M Professional, scientific and technical activities

69 Legal and accounting activities

- 691 Legal activities
 - 6910 Legal activities
- 692 Accounting, book keeping, auditing and tax consultancy activities
 - 6920 Accounting, book keeping, auditing and tax consultancy activities

71 Technical services of architecture and engineering; Technical testing and analysis

- 711 Technical services of architecture and engineering and other activities related to technical advice
 - 7111 Technical services of architecture
 - 7112 Engineering technical services and other technical advisory-related activities
- 712 Technical testing and analysis
 - 7120 Technical testing and analysis

72 Research and development

- 721 Research and experimental development in natural and technical sciences
 - 7211 Research and experimental development in biotechnology
 - 7219 Other research and experimental development in natural and technical sciences
- 722 Research and experimental development in social sciences and humanities
 - 7220 Research and experimental development in social sciences and humanities

73 Advertising and market research

- 731 Advertising
 - 7311 Advertising agencies
 - 7312 Media representation services
- 732 Market research and public opinion surveys
 - 7320 Market research and public opinion surveys

74 other professional, scientific and technical activities

- 741 Specialized design activities

- 7410 Specialized design activities
- 742 Photographic activities
 - 7420 Photographic activities
- 743 Translation and interpretation activities
 - 7430 Translation and interpretation activities
- 749 Other professional, scientific and technical activities n.e.c.
 - 7490 Other professional, scientific and technical activities n.e.c.
- 75 Veterinary Activities**
 - 750 Veterinary Activities
 - 7500 Veterinary Activities

N Administrative and support service activities

77 Rental and leasing activities

- 771 Motor vehicle rental
 - 7711 Car rental and light motor vehicles
 - 7712 Truck rental
- 772 Rent of personal effects and articles of domestic use
 - 7721 Rental of leisure and sporting goods
 - 7722 Rental of video tapes and discs
 - 7729 Renting and leasing of other personal and household goods
- 773 Rental of other machinery, equipment and tangible goods
 - 7731 Rental of machinery and equipment for agricultural use
 - 7732 Rental of machinery and equipment for construction and civil engineering
 - 7733 Rental of machinery and office equipment, including computers
 - 7734 Renting and leasing of water transport equipment
 - 7735 Renting and leasing of air transport equipment
 - 7739 Rental of other machinery, equipment and tangible goods n.e.c.
- 774 Leasing of intellectual property and similar products, except for copyright-protected works
 - 7740 Leasing of intellectual property and similar products, except for copyright-protected works

78 Employment-related activities

- 781 Activities of employment placement agencies
 - 7810 Activities of employment placement agencies
- 782 Temporary employment agency activities
 - 7820 Temporary employment agency activities
- 783 Other Human resources provision
 - 7830 Other Human resources provision

79 Activities of travel agencies, tour operators, reservation services and related activities

- 791 Travel agency and tour operators activities
 - 7911 Travel agency activities
 - 7912 Tour operator activities
- 799 Other reservation services and related activities
 - 7990 Other reservation services and related activities

80 Safety and research activities

- 801 Private security activities
 - 8010 Private security activities
- 802 Security system services
 - 8020 Security system services
- 803 Investigation activities
 - 8030 Investigation activities

81 Services to buildings and gardening activities

- 811 Combined facilities support activities
 - 8110 Combined facilities support activities
- 812 Cleaning activities
 - 8121 General cleaning of buildings
 - 8122 Other industrial and building cleaning activities
 - 8129 Other cleaning activities

- 813 Landscape service activities
- 8130 Landscape service activities

82 Administrative activities of the office and other ancillary activities to the companies

- 821 Administrative activities and office assistants
 - 8211 Combined office administrative service activities
 - 8219 Photocopying, document preparation and other specialised office support activities
- 822 Call centre activities
 - 8220 Call centre activities
- 823 Organization of conventions and samples fairs
 - 8230 Organization of conventions and samples fairs
- 829 Activities to support companies n.e.c.
 - 8291 Activities of collection agencies and credit bureaus
 - 8292 Packaging activities
 - 8299 Other activities to support companies n.e.c

R Arts, entertainment and recreation

92 Gambling activities and betting

- 920 Gambling activities and betting
 - 9200 Gambling activities and betting

93 Sports activities and amusement and recreation activities

- 931 Sports activities
 - 9311 Management of sports facilities
 - 9312 Sports club activities
 - 9313 Activities of the gymnasiums
 - 9319 Other sporting activities
- 932 Amusement and recreation activities
 - 9321 Amusement park activities and theme parks
 - 9329 Other recreational and entertainment activities

S Other services

95 Repair of computers, personal effects and articles for household use

- 951 Repair of computers and communication equipment
 - 9511 Repair of computers and peripheral equipment
 - 9512 Repair of communication equipment
- 952 Repair of personal effects and articles of household use
 - 9521 Repair of electronic devices of audio and video of domestic use
 - 9522 Repair of household appliances and home and garden equipment
 - 9523 Repair of footwear and leather goods
 - 9524 Repair of furniture and articles of kitchenware
 - 9525 Repair of watches and jewellery
 - 9529 Repair of other personal effects and articles of household use

96 Other personal Services

- 960 Other personal Services
 - 9601 Washing and cleaning of textiles and leather garments
 - 9602 Hairdresser and other beauty treatments
 - 9603 Funeral pomp and related activities
 - 9604 Physical maintenance activities
 - 9609 Other personal services n.e.c.