# Annex III: List of questions on occupation and activity

These two questions have required a specific analysis, given their complexity, which is heightened by the fact that respondents complete the questionnaires themselves, with more or less external support.

Already in the 1991 Census, this was one of the most debated methodological aspects (in view of the unsatisfactory results of the 1981 Census, which simply requested a literal description that was coded manually). Therefore, the outcome was to test a combined method (precoded variable + additional literal), although the INE, given the impossibility to develop an automatic coding procedure in time, only took advantage of the precoded part.

Some communities were able to combine both subvariables and were satisfied with the results obtained, since -on the one hand- the precoded variable improved the quality of literal descriptions, and -on the other- it complemented them in case of ambiguity.

Nevertheless, the process of combining both types of variable introduces a complexity in the procedures, which are already quite complicated, concerning the automatic coding of the data, which can explain why some communities decided to go back to the classical method of requesting a literal description in their Demographic statistics annexed to the renewal of the Register in 1996.

In this context, the planning for these two variables commenced in view of the 2001 operation. The multiple international references consulted have confirmed that these are two of the most difficult questions included in censuses, and show that there is no solution that has been universally accepted as the best option.

At first, three possible solutions were identified, which are ordered from less to greater level of precoding (greater to lesser dependence on the literal):

1. Literal description

2. Precoded variable with 20-25 categories that do not follow a hierarchical structure, and a universal additional literal (method used in 1991)

3. Precoded variable with two levels (letter and number), and a literal only when in doubt or if the occupation has not been located on the precoded list

There is also a fourth method (used in Canada, France, and United States), that concentrates on a sample and asking three/four questions to determine the occupation: this modality is complicated (the relation between all these questions has to be studied in depth), costly (it requires many resources to obtain a single characteristic), slow (especially if it is not implemented by sampling, as it ends up requiring a great deal of manual coding) and incompatible, in all, with two of the basic goals established for the 2001 Census: thorough information and reduction of the dissemination deadlines.

Each of these three methods has its pros and cons. The third method was used in both pilot tests, and was considered the most innovative, as it provided satisfactory results<sup>1</sup>. Consequently it was selected as the most appropriate method.

The following question is included in the individual questionnaires:

<sup>&</sup>lt;sup>1</sup> In more than 90 per cent of the cases, the question concerning occupation was responded choosing a category from the corresponding list. In the opinion questionnaire, only 8 per cent of the respondents considered the lists were complicated (most of these persons had just written the literal).

#### Which occupation did you carry out last week?

Find it in the list of occupations and note the corresponding heading (letter and number) : 🗆 П

letter number If you cannot find your occupation, or in case of

doubt, please write it here:

To make it easier for persons to find the heading that corresponded to their occupation (or activity, which have been given exactly the same treatment), several lists have been designed, in which categories appear in different orders or sometimes include different categories. Consequently, each household will receive one specific page, with occupations on one side and activities on the other.

In order to decide how many different lists to include and to compile each one of them, different uses were analysed using the Active Population Survey (grouping several years to increase the sample size) crossing occupation (or activity) with the level of studies, province and size of the municipality. Analysing this information led to the design of 4 different lists for occupations (in terms of the level of studies and habitat) and 8 different lists for activities (in terms of the province, as this is the best indicator in the industrial sector, which is the most difficult sector).

This method is used to allocate each list of occupations to each household:

The first step is to calculate the level of studies for the household (NIESH) using the academic qualifications from the Register (NIES) for each of the members:

This generates the field MPA (potentially active member), that will be given value 1 for persons between 16 and 64 years old, and 6 in other cases. Persons with MPA = 1 will establish the value of the OCU.

After selecting these persons, several different cases may appear:

#### **1.1.1 HOMOGENEOUS LEVEL OF STUDIES**

If all household members with  $MPA=^{1}$  have the same value in the field NIES, then:

- If NIES=1, NIESH=1 (elementary)
- If NIES=2, NIESH=1
- If NIES=3, NIESH=2 (intermediate)
- If NIES=4, NIESH=3 (higher)

If all household members with  $MPA=^{1}$  have  $NIES=^{1}$  or 2, then NIESH=1.

**<sup>1.1.2</sup> ELEMENTARY LEVEL OF STUDIES** 

### 1.1.3 ELEMENTARY AND INTERMEDIATE LEVEL OF STUDIES

If the values for field *NIES* of the household members with  $MPA=^{1}$  is (1 or 2) and 3, then:

Select persons in the household who, as well as MPA=1, fulfil SEX=1 and 19451001<FNAC<19690930.

If there is only one person who fulfils the conditions stipulated in the previous point, the OCU is obtained using that person's NIES.

If more than one person fulfils the conditions, the operation selects the one with the lowest NUMP value and proceeds similarly.

If nobody fulfils the conditions, the operation chooses the person with the lowest NUMP from among the household members with MPA=1, and proceeds similarly.

### 1.1.4 INTERMEDIATE AND HIGHER LEVEL OF STUDIES

If the values for field *NIES* of the household members with  $MPA=^{1}$  are 3 and 4, then:

The operation selects persons who, as well as having MPA=1, comply FNAC<19750930.

Among the persons in the previous point, the operation selects those who fulfil SEX=1 or (SEX=6 and FNAC<19550930).

If the field NIES=4 for everybody selected, then NIESH=3. In any other case (no household member fulfils the requirements in the previous points or those who do have NIES other than 4), then NIESH=4 (indefinite).

#### 1.1.5 ELEMENTARY AND HIGHER LEVEL OF STUDIES

If the values for field *NIES* of the household members with  $MPA=^{1}$  are (1 or 2) and 4, then:

The operation selects persons who, as well as having *MPA*=<sup>1</sup>, comply FNAC< 19790930.

If the field *NIES=4* for everybody selected, then NIESH=3. In any other case (no household member fulfils the requirements in the previous points or those who do have *NIES* other than 4), then NIESH=4.

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### 1.1.6 ANY OTHER CASE

In any other case (any other combination of the values of field *NIES* of the persons in the same household with MPA=1), NIESH=4.

The variable *HABI* (habitat) is defined hereunder:

 $HABI=^{1}$  (rural habitat) when the population is lower than 5,000 inhabitants in any province, or when the population in the municipality ranges between 5,000 and 10,000 inhabitants if the municipality belongs to the provinces of the La Coruña, Lugo, Orense, Pontevedra, Asturias or León, or when the population of the municipality ranges between 5,000 and 100,000 inhabitants in any province and is disseminated.

*HABI=3* (urban habitat) when the population is greater than 100,000 inhabitants.

HABI=2 (intermediate habitat) in any other case.

The field OCU for each household will finally take the values 1, 2, 3 or 4 and will be established in terms in of the values of the variables *HABI and NIESH* of the household.

When a household has *NIESH=0* (unknown) or *NIESH=4* (indefinite): if *HABI=1*, then OCU=1; if *HABI=* 2 or 3, then OCU=4.

- If (NIESH=1 and HABI=1, 2) or (NIESH=2 and HABI=1), then OCU=1.
- If (NIESH=1 and HABI=3) or (NIESH=2 and HABI=2, 3) or (NIESH=3 and HABI=1), then OCU=2.
- In another case (i.e., if NIESH=3 and HABI=2, 3), then OCU=3.

The four lists appear hereunder in the following order: master list (OCU=4, the most general list that is used for blank questionnaires), elementary list (OCU=1), intermediate list (OCU=2), advanced list (OCU=3).

### TABLE OF OCCUPATIONS

- Builders and other workers in the construction or mining sectors
- U1 Construction or mining labourers U2 Builder, miner
- U3 Work superintendent, foreman, supervisor U4 Painter, wallpaper fitters
- U5 Plumbers, heater technician
- U6 Carpenter (wood, aluminium)
- U7 Electrician

U8 Plasterer, formwork layer, reinforced concrete laver U9 Parquet flooring fitter, tile setter, glazier, roof

fitter

- Lorry drivers, delivery persons, # taxi drivers and other drivers
- Lorry driver
- Taxi, car or van driver 2
- 3 Bus driver
- Courier 4
- Tractor driver 5
- 6 Locomotive driver
- Heavy machinery driver-operator 7
- # Health personnel
- C1 Orderly, porter
- C2 Nursing assistant (clinical or home visits)
- C3 Qualified nurses
- C4 Doctor (any speciality), dentist
- C5 Veterinarian
- C6 Chemist
- C7 Pharmacy, veterinary medicine, dental
- assistant
- C8 Optician, physiotherapist, chiropodist, speech therapist
- # Teaching personnel
- D1 Primary or Preschool Education Teacher
- D2 Secondary education teacher
- D3 University Lecturer
- D4 Special Education Teacher
- D5 Technical Vocational Training Teacher
- D6 Private teacher; Education inspector

- Domestic service or cleaning services; Cooks and waiters
- M1 Domestic service, cleaning staff
- M2 Office, hotel cleaning staff
- M3 Waiter
- M4 Cook
  - M5 Street cleaner, road sweeper
  - # Owners or directors of small establishments (less than 10 employees)
  - The company is the actual establishment or the company has less than 10 employees A1
  - The company has 10 employees or more (for example, director of a bank branch)
  - Clerks, salespersons and commercial agents
  - N1 Clerks
  - N2 Cashier, box office clerk; lottery seller, ticket seller ...
  - N3 Travelling sales person
  - N4 Telesales person
  - N5 Representative, traveller, medical representative N6 Insurance, travel, shopping.
  - stock exchange agent
  - # Administrative employees Direct contact with the public K1 Telephone operator, receptionist, travel agency
    - travel agency
  - K2 Post person, library employee, survey taker K4 Other assistant in direct contact with the public Other administrative employees L1
  - Office secretary, administrative staff, court official
  - L2 Bank assistant, accounting administrative employee L3 Warehouse employee, stationmaster L4 Other administrative employee who does not work with public as their main activity

• Farmers, cattle farmer, fishermen and their workers T1 Worker in the farm, cattle or fishing sector T2 Farmer, gardener, horticulturalist T5

Fisherman, breeder of aquatic species T6; Forest worker

- # Defence and safety
- **R0** Armed Forces R4 National, autonomic or municipal police
- force **R5** Civil Guard
- R6 Security guard; Private guard
- R7 Fire fighter, forest guard
- # Workers Specialising in the Industrial sector; Artisans Mechanic, Repairer, Welder...
- W1 Mechanic, machinery adjuster
- W2 Electric equipment repairer
- W3 Workshop supervisor, metal superintendent
- W4 Sheet metal worker, moulder
- W5 Locksmith, blacksmith, die stamper, polisher Machined industrial production worker: Fitter Z1 Industrial products
- fitter Z2 Industrial robots operator Z3 Fixed machinery operator: oven, press,
- saw, milling machine, knitting machine, canning machine Z4 Production line worker
- Artisan: Traditional industry worker X1 Food, beverage or tobacco processor X2 Tailor, shoemaker, embroiderer, upholsterer X3 Graphic Arts: developer, book binder X4 Ceramics or Glass Artisan X5 Wood, leather, textile artisan X6 Cabinetmaker, lathe operator, basket maker

 Public Administration Directors or managers of companies with 10 or more employees

BLAN0

- Legislative and executive power; Public Administration Director (up to the level of deputy director) B1
- B2 President or director general
- B3 Head of department of the activity performed by the company
- B4 Other head of department (accounting...)
- · Professionals in Law, Social sciences and Arts F1 Accountant hired as a graduate with a three-
- year qualification
- Social worker
- F2 Accountant hired as a qualified graduate
- F3 Lawyer, District Attorney
- F4 Fiscal or labour consultant, notary, registrar
- F6 Psychologist, sociologist, interpreter, translator
- F7 Writer, journalist; Actor, painter, musician...
- F8 Social assistant; Social worker
- · Computer technicians and Science Technicians
- H1 Systems analysts or equivalent
- H2 Applications analyst or equivalent
- H3 Computer programmer or specialist
- H4 Data recorder
- H5 Drafts person, technical designer
- H6 Lab technician, electronic, chemical technician
- H7 Quality control, security technician
- H8 Photographer, sound technician

# Other occupations requiring intermediate or higher education

specific to the public DIRECTOR., group A

specific to the public administration, group B

- Technical or advanced engineer J1
- J2 Architect or quantity surveyor

J6 Tax inspector or another occupation

J7 Tax subinspector or another occupation

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

- # Builders and other workers in the Construction or Mining sectors
- U1 Construction or mining labourers
- U2 Builder, miner
- U3 Work superintendent, foreman, supervisor
- U4 Painter, wallpaper fitters
- U5 Plumbers, heater technician
- U6 Carpenter (wood, aluminium)
- U7 Electrician
- U8 Plasterer, formwork layer, reinforced concrete layer
- U9 Parquet flooring fitter, tile layer, glazier, roof fitter
- # Farmers, cattle farmer, fishermen and their workers
- T1 Worker in the farm, cattle or fishing sector
- T2 Farmer, gardener, horticulturalist
- T3 Farmer, shepherd, animal breeder
- T4 Forest or agricultural and livestock worker
- T5 Fisherman, breeder of aquatic species
- # Owners or directors of small establishments (less than 10 employees)
- A1 The company is the actual establishment or the company has less than 10 employees A2 The company has 10 or more employees (for example,

director of a bank branch)

- Clerks, salespersons, representatives and Commercial Agents
- N1 Clerk
- N2 Cashier, box office clerk, lottery, ticket seller...
- N3 Travelling salesperson
- N4 Tele-salesperson
- N5 Representative, traveller, medical representative

N6 Insurance, travel, shopping, stock exchange agent

### **TABLE OF OCCUPATIONS**

- # Lorry drivers, taxi drivers, delivery persons
- heavy machinery drivers
- 1 Lorry driver
- 2 Taxi, car or van driver
- 3 Bus driver
- 4 Courier
- 5 Tractor driver and driver of other mobile agricultural
- machinery
- 6 Locomotive driver
- 7 Heavy machinery driver-operator, crane driveroperator...
- Domestic service or cleaning services; Cooks and waiters
- M1 Domestic service, cleaning staff
- M2 Personnel of the CLEANING Premises, Hotels
- M3 Waiter
- M4 Cook
- M5 Street cleaner, road sweeper
- # Artisans and Specialising in the Industrial sectors, Mechanic, Repairer, Welder...
- W1 Mechanic, machinery adjuster
- W2 Repairer of household appliances, electric equipment
- W3 Workshop supervisor, metal superintendent
- W4 Sheet metal worker, moulder
- W5 Locksmith, blacksmith, die stamper, polisher

# Machined industrial production worker; Fitter or Assembler

- Z1 Fitter or Assembler of industrial products
- Z2 Industrial robots operator

Z3 Fixed machinery worker: oven, saw, press, milling machine, polishing machine, knitting machine, mixing machine... Z4 Production line worker

#### Artisan; Traditional industry worker

- X1 Food, beverage or tobacco processor
- X2 Tailor, shoemaker, embroiderer, upholsterer
- X3 Graphic Arts: developer, bookbinder
- X4 Ceramics or Glass Artisan
- X5 Wood, leather, textile artisan
- X6 Cabinetmaker, lathe operator, basket maker

- # Personal Services; Entertainment Professionals
- C2 Nursing assistant (clinical or home visits)
- G1 Childminder (nanny, babysitter...), orderly, porter
- G2 Hair dresser or beautician
- G3 Sportsperson, sports instructor, bullfighter
- G4 Decorator, graphic designer; Singer, model, announcer
- Caretakers, porters, workers and manual workers in the industries and services sector
- 51 Porter, removals, docker, supermarket restocker
- 52 Industrial labourer: manual washer, bottler...
- 53 Caretaker or doorman in buildings
- 54 Porter, bellboy, commissionaire
- 55 Poster fitter, flier delivery
- # Defence and safety
- R3 Armed Forces: Troop or Basic scale
- R4 National, autonomic or municipal police force
- R5 Civil Guard
- R6 Security guard, private security personnel
- R7 Fire fighter, forest guard
- Administrative employees
  - Direct contact with the
  - public

K1 Telephone operator, receptionist, travel agency employee K2 Post person, library employee, survey taker K4 Other administrative assistant in direct contact with the public

#### Other administrative employees

L1 Office secretary, administrative staff, court L2 Bank assistant, accountant, payroll administrative assistant L3 Warehouse employee, stationmaster L4 Other administrative employee who does not work with public as their main activity

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

### TABLE OF OCCUPATIONS

# Administrative employees

Direct contact with the public

K1 Telephone operator, receptionist, travel agency employee K2 Post person, library employee, survey taker K3 Licence granting staff..., groups C or D K4 Other staff in direct contact with the public

Computer technicians and other administrative employees H1 Systems analyst or equivalent H2 Applications analyst or equivalent H3 Computer programmer or specialist H4 Data recorder

L1 Office secretary, administrative staff, court official L2 Bank assistant, accountant, payroll administrative assistant L3 Warehouse employee, stationmaster L4 Other administrative employee who does not work with public as their main activity

- Domestic service or cleaning services;
- Cooks and waiters
- M1 Domestic service, cleaning staff
- M2 Personnel of the CLEANING Premises, Hotels
- M3 Waiter
- M4 Cook
- M5 Street cleaner, road sweeper
- Owners or directors of small establishments (less than 10 employees)
- The company is the actual establishment or the company has less than 10 employees A2 The company has 10 or more employees (for example,

director of a bank branch)

- Clerks, Representatives, Salespersons and Commercial Agents
- N1 Clerk
- N2 Cashier, box office clerk, lottery, ticket seller...
- N3 Travelling salesperson
- N4 Tele salesperson
- N5 Representative, traveller, medical representative
- N6 Insurance, travel, shopping, stock exchange agent

- # Builders and other workers in the Construction or Mining sectors
- U1 Construction or mining labourers
- U2 Builder, miner
- U3 Work superintendent, foreman, supervisor
- U4 Painter, wallpaper fitters
- U5 Plumbers, heater technician U6 Carpenter (wood, aluminium)
- U7 Electrician
- U8 Plasterer, formwork laver, reinforced
- concrete layer

U9 Parquet flooring fitter, tile layer, glazier, roof fitter

- # Artisans and Specialising in the Industrial sectors, Mechanic, Repairer, Welder...
- W1 Mechanic, machinery adjuster
- W2 Repairer of household appliances, electric equipment W3 Workshop supervisor, metal superintendent
- W4 Sheet metal worker, moulder
- W5 Locksmith, blacksmith, die stamper, polisher
- Machined industrial production worker;

**Fitter or assembler** Z1 Industrial products fitter Z2 Industrial robots operator Z3 Fixed machinery operator: oven, saw, press... Z4 Production line worker

Artisan; Traditional industry worker X1 Food, beverage or tobacco processor X2 Tailor, shoemaker, embroiderer, upholsterer X3 Graphic Arts: developer, book binder X4 Ceramic or Glass Artisan X6 Cabinetmaker, lathe operator, basket maker

- Lorry drivers, taxi drivers, delivery
- persons
- heavy machinery drivers
- Lorry driver 2
- Taxi, car or van driver 3
- Bus driver
- 4 Courier
- 5 Tractor driver and driver of other mobile agricultural
- machinery Locomotive driver 6
- Heavy machinery driver-operator, crane driver-7
- operator...

- Farmers, cattle farmer, fishermen and # their workers
- Worker in the farm, cattle or fishing sector
- Farmer, gardener, horticulturalist
- T5 Fisherman, breeder of aquatic species
- T6 Farmer, shepherd; Forest worker
- Security and Defence #
- R8 Armed Forces: Intermediate or higher scale
- R3 Armed Forces: Troop or Basic scale
- R4 National, autonomic or municipal police force
- R5 Civil Guard
- R6 Security guard; Personnel security private sector
- R7 Fire fighter, forest guard
- Personal Services; Entertainment # Professionals
- G1 Childminder (nanny, babysitter...), orderly, porter
- G2 Hair dresser or beautician
- G3 Sportsperson, sports instructor, bullfighter G4 Decorator, graphic designer; Singer, model, announcer
- Public Administration Directors or # managers of companies with 10 or more employees
- B1 Managerial personnel in Councils or other PAs
- B2 President or director general
- B3 Head of department of the activity performed by the company
- Β4 Other head of department (accounting...)
- # Teaching or health personnel
- D0 Primary, Secondary, VT Teacher or University Lecturer
- D6 Private teacher, education inspector
- D7 Driving school teacher, flight instructor
- C2 Nursing assistant (clinical or home visits)
- C7 Pharmacy, veterinary medicine, dental assistant
- C0 Doctor (any speciality), dentist; health assistant
- # Caretakers, porters, workers and manual workers in the industries and services sector
- 51 Porter, removals, docker, supermarket worker
- Industrial labourer: manual cleaner, bottler... 52
- 53 Caretaker or porter in buildings
- 54 Porter, bellboy, commissionaire

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

MEDI0

### TABLE OF OCCUPATIONS

- Teaching personnel Primary or Preschool Education Teacher D1
- D2 Secondary education teacher
- D3 University Lecturer
- D4 Special Education Teacher D5 Technical Vocational Training Teacher D6 Private teacher; Education inspector
- Health personnel
- Nursing assistant (clinical or home visits) C2 Qualified nurses
- C3 C4 Doctor (any speciality), dentist
- Veterinàrian
- C5 C6 Chemist
- C7 Pharmacy, Veterinary medicine or Dentist
- C8 Optician, physiotherapist, chiropodist, speech therabist
- # Legal professionals, Sciences Social and Arts
- F1 Accountant hired as a graduate with a three year qualification; Social worker
- F2 Accountant hired as a qualified graduate
- F3 Lawyer, District Attorney F4 Fiscal or labour consultant, notary, registrar
- F5 Economic analyst
- F6 Psychologist, sociologist, interpreter, translator
- F7 Writer, journalist; Musician
- F8 Social assistant, social worker
- Computer technicians and Science
- Technicians
- H1 Systems analysts or equivalent H2 Applications analyst or equivalent
- H3 Computer programmer or specialist
- H4 Data recorder
- H5 Drafts person, technical designer
   H6 Lab technician, electronic, chemical technician
- Quality control, security technician H7
- H8 Photographer, sound technician
- # Other occupations requiring
- intermediate or higher education
- Technical or advanced engineer J1
- J2 J3
- Architect or quantity surveyor Biologist, zoologist, botanist... Meteorologist, physicist, statistician... J4
- J5 Librarian, museum curator or archive preserver
- Tax inspector or another occupation specific to the
- Public Administrations (group A) Tax subinspector, Managerial Body or other
- J7 occupation specific to the Public Administrations (group B)

- # Public Administration Directors or managers of companies with 10 or more employees
- B1 Legislative and executive power; PA Director (up to deputy director level), management or trade unions B2 President or director general
- B3 Head of department of the activity performed by the company B4 Other head of department (accounting, personnel...)
- # Owners or managers of small establishments (less than 10 employees)
- The company is the actual establishment or the company A1 has less than 10 employees A2 The company has 10 or more employees (for example,
- director of a bank branch)
- # Clerks, Representatives, Salespersons and Commercial Agents
- N1 Clerk
- Cashier, box office clerk, lottery, ticket seller... N2
- Travelling salesperson N3
- Tele salesperson N4
- N5 Representative, traveller, medical
- representative
- Insurance, travel, shopping, stock exchange agent
- # Administrative employees
- Direct contact with the public

K1 Telephone operator, receptionist, travel agency employee K2 Post person, library employee, survey taker K3 Licence granting staff..., groups C or D K4 Other staff in direct contact with the public

Other administrative employees

L1 Office secretary, administrative staff, court L2 Bank assistant, accountant, payroll administrative assistant L3 Warehouse employee, stationmaster L4 Other administrative employee who does not work with public as their main activity

- # Personal Services; Sport and other Entertainment professionals
- G1 Childminder (nanny, babysitter...), orderly, porter

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

G2 Hair dresser or beautician

- G3 Sportsperson, sports instructor, bullfighter G4 Decorator, graphic designer; Singer, model, announcer
- G5 Air hostess, tourist guide, transports supervisor
- G6 Socio-cultural or free time instructor

- Defence and safety R1 Armed Forces: Advanced scale
- R2 Armed Forces: Intermediate scale
- R3 Armed Forces: Troop or Basic scale
- R4 National, autonomic or municipal police force R5 Civil Guard

SUPE0

- R6 Security guard; Personnel security private sector
- R7 Fire fighter, forest guard
- Caretakers, porters, workers and manual workers in the industries and services sector
- M1 Domestic service, cleaning staff M2 Personnel CLEANING Premises, Hotels
- M3 Waiter
- M4 Cook
- M5 Street cleaner, road sweeper
- Porter, removals, docker, supermarket worker 51
- 52 Industrial labourer: manual washer, bottler...
- 53 54 Caretaker or porter in buildings
- Porter, bellboy, commissionaire
- Workers Specialising in the Industrial sector
- Mechanic, Repairer, Welder...
- W1 Mechanic, machinery adjuster W2 Repairer of household appliances, electric equipment W3 Workshop supervisor, metal superintendent
- W4 Sheet metal worker, moulder
- W5 Locksmith, blacksmith, die stamper, polisher

**Machinery; Fitter** Fitter or assembler Z1 Industrial products fitter Z2 Industrial robots operator Z3 Fixed machinery operator: oven, press, saw... Z4 Production line worker

U3 Work superintendent, foreman, supervisor U5 Plumbers, heater technician

Farmers, gardeners, cattle farmers...

Fisherman, breeder of aquatic species

Worker in the farm, cattle or fishing sector Farmer, gardener, horticulturalist

U0 Painter, carpenter, glazier, parquet flooring fitter

**Construction Workers** 

**U7** Electrician

T1

T2

T5

U1 Construction or mining labourers U2 Builder, miner

T6 Farmer, shepherd; Forest worker

As regards activity lists, the main difference is the fact that the territorial factor has a greater discriminating power than the level of studies variable, and that a good part of the variability is concentrated in specific headings: the industrial sector. Consequently, there are 8 different lists, in which the agricultural and services sectors are more or less permanent, and that refer to the industrial sector in different manners depending on the province and, in the case of Barcelona, for example, on the municipality.

The allocation of the corresponding activity list to each province-municipality was carried out in terms of the following spread sheet, in which:

- ? The column EMPLOYED refers to the total number of employed persons in the industrial sector (estimates, in thousands, based on the APS).
- ? The other columns show the % of employed persons in the industrial sector that appears in the list.

PROVINCE	EMPLOYED	PAISVAS	со	GALIC	CIA	LEVA	ΝT	VALEN	CIA	TARRAGO	N	RESTO		BARCEL	ON	MADF	۶ID
ALAVA	37.10	73.85	Х	29.11		F 24.80		47.17	[	A 52.02		30.46	R	65.23	Α.	39.62	
ALBACETE	22.50	52.44		48.89		80.89	Х	51.56		79.56		48.89		56.44		49.33	
ALICANTE	120.80	24.92		24.42		85.51	Х	27.73		67.72		29.97		26.57		21.11	
ALMERIA	11.20	56.25		60.71		64.29		66.07	Х	50.89		37.50		64.29		58.04	
ASTURIAS	62.10	69.40	Х	31.72		28.82		32.21		30.92		22.54		31.72		25.12	
AVILA	6.60	63.64		92.42	Х	56.06		59.09		80.30		39.39		81.82		77.27	
BADAJOZ	19.70	51.78		72.59	Х	60.91		59.39		65.99		54.82		55.84		56.35	
BALEARES	30.60	44.77		49.67		60.13	Х	45.10		59.48		39.87		53.92		45.10	
BARCELONA	544.80	58.65		44.99		50.84		56.83		47.39		69.00	Х	70.00	Х	57.97	
BURGOS	31.10	58.84		49.20		46.30		55.63		72.99	Х	41.16		67.52		51.13	
CACERES	7.70	61.04		63.64		71.43	Х	64.94		68.83		51.95		66.23		59.74	
CADIZ	37.20	61.02		82.53	Х	58.87		70.16		47.85		35.48		45.97		45.43	
CANTABRIA	37.00	51.08		65.14	Х	41.62		43.24		51.89		28.38		54.86		39.19	
CASTELLON	55.30	30.38		28.75		80.65	Х	30.02		31.65		24.41		36.35		25.32	
CEUTA AND MELILLA	1.80	66.67		72.22		66.67		61.11		77.78	Х	66.67		72.22		66.67	
CIUDAD REAL	24.30	51.03		69.96		58.02		60.08		72.43	Х	56.38		64.61		60.91	
CORDOBA	33.50	64.78		59.40		67.76	Х	65.37		66.87		59.70		76.12		63.58	
CUENCA	8.40	61.90		57.14		51.19		55.95		66.67	Х	60.71		65.48		58.33	
GERONA	48.20	53.94		44.81		66.60	Х	53.94		53.53		46.68		60.17		45.64	
GRANADA	22.80	39.04		53.07		64.04	Х	45.61		59.65		44.30		44.74		45.61	
GUADALAJARA	10.70	36.45		41.12		47.66		57.01	Х	35.51		26.17		69.16		41.12	
GUIPUZCOA	82.00	76.83	Х	34.51		30.37		52.56		50.12		31.71		66.83		44.63	
HUELVA	19.90	41.21		59.30		43.22		37.69		67.84	Х	29.15		55.28		32.16	
HUESCA	11.50	48.70		51.30		48.70		52.17		54.78	Х	44.35		64.35		50.43	
JAEN	31.40	56.69		73.25	Х	57.96		60.51		69.75		44.90		71.66		70.06	
LA CORUÑA	60.60	58.58		78.55	Х	63.86		62.71		50.50		42.74		46.70		44.39	
LA RIOJA	27.00	44.81		38.52		55.56		57.41		77.78	Х	37.78		57.41		44.07	
LAS PALMAS	19.80	57.58		80.30	Х	63.64		63.64		68.18		56.06		70.20		67.68	
LEON	27.80	65.47	Х	43.53		49.28		42.09		42.45		31.65		50.36		44.96	
LLEIDA	17.40	52.87		61.49		63.22		55.17		73.56	Х	52.30		63.22		60.92	
LUGO	12.10	45.45		73.55	Х	50.41		57.02		52.07		47.11		50.41		50.41	
MADRID	308.00	53.34		54.32		47.82		59.35		53.51		37.63		72.76		74.19	Х
MALAGA	30.20	62.58		70.53		73.84	Х	69.21		71.52		69.87		73.84		70.20	
MURCIA	65.20	57.21		58.28		73.16	Х	70.55		70.71		44.94		59.82		53.53	
NAVARRA	61.10	65.47	Х	52.05		44.52		59.25		55.97		25.53		66.94		52.86	
ORENSE	16.20	42.59		77.16	Х	59.26		41.36		43.83		35.80		45.06		40.12	
PALENCIA	12.20	70.49	Х			52.46		63.93		56.56		40.16		67.21		64.75	
PONTEVEDRA	72.80	60.16		81.18	Х	48.63		64.15		43.54		27.06		55.63		51.51	
SALAMANCA	12.50	70.40		77.60		81.60	Х	73.60		79.20		73.60		80.00		78.40	
SEGOVIA	8.10	40.74		54.32		45.68		59.26	Х			43.21		59.26		49.38	
SEVILLA	70.50	51.35		54.33		58.30		72.91	Х			48.79		60.43		59.01	
SORIA	7.10	70.42		78.87	Х	52.11		66.20		77.46		56.34		74.65		69.01	
TARRAGONA	44.10	51.02		62.36		54.88		52.61		73.70	Х	44.22		69.61		56.46	
TENERIFE	20.30	54.19		72.91		61.58		55.17		65.02		44.33		59.11		55.17	
	10.80	57.41		62.04	Х	43.52		61.11		52.78		36.11		59.26		55.56	
TOLEDO	44.00	57.50		60.00		75.91	Х	58.18	_	69.55		64.77		58.64		57.95	
VALENCIA	170.30	57.25		54.20		59.60		66.76				45.57		64.94		54.26	
VALLADOLID	45.40	75.77	_	73.13		37.44		76.21	Х			28.19		82.38		73.13	
VIZCAYA	83.90	72.94	Х			33.85		53.04		50.30		33.61		67.70		38.97	
ZAMORA	4.00	60.00		80.00	Х	65.00		67.50		65.00		62.50		65.00		62.50	
ZARAGOZA	83.50	67.31		54.13		44.19		76.77	Х	56.53		32.93		71.62		60.24	

The following eight lists were used, in this same order:

### TABLE OF

#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### Construction

- 451 Demolition and land movement
- 459 Construction of public works (bridges, roads...)
- 452 Building construction; brickwork, small alterations
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### **Retail trade**

- 522 Of food, beverages OR tobacco (fruit, meat, fish,
- I bakery, grocery, frozen products...; tobacconist)
- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop; haberdashery; shoe shop, boutique; optician
- 529 Jewellery, watchmaker's; gift store, bargain store; toyshop, sports shop; stationery shop, book shop, newsstand, 526
- Street market, travelling, telesales or Internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 512 Agricultural raw material OR live ANIMALS
- 513 Food, beverages or tobacco
- 514 Clothes, household appliances OR furniture
- 515 Of Materials Construction, Chemical products
- 516 Industrial machinery and equipment

#### Agriculture, livestock, fishing

- O13 Agricultural production combined with cattle breeding (each one represents at least 1/3 of the total)
  11 Agriculture
- TI Agricultur
- 12 Cattle breeding
- 014 Services involving collection, pruning, gardening...
- 020 Forestry
- 050 Fishing, fish farming

#### Health and social services

- 851 Health activities (hospital, clinics, doctor's offices...)
   853 Nursery; old people's home; centre for drug addicts; centre for disabled persons
- 854 NGO

#### Transport and communications

- 601 Rail transport
- 602 Road transport; taxi
- 611 Maritime transport
- 621 Air transport
- 631 Storage and deposit of goods632 Bus OR train station, harbours and airports
- 647 Urban courier service
- 641 Postal service
- 642 Communications

#### Teaching

- 801 Primary child education centre
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### **Public Administrations**

- 752 Defence, Justice, public order, civil protection
- 753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic, local)

#### automobile services

- 801 Car dealership OR sales
- 502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### Domestic service or cleaning services

950 households OR Communities...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank or savings bank660 Insurance company

#### Other services

930 Hairdresser's or beauty salon; dry cleaner's
746 Security and surveillance company
527 Repair of watches and clocks, household appliances, footwear, clothes
741 Fiscal-accounting consultancy; lawyer's buffet; notary's office
742 Engineering and architecture technical services
720 Computer services company
730 R+D (Research and Development)
748 Photocopying services, photo graphy studios
633 Travel agency



744 Advertising agency
703 Real estate agents; administration
401 Electricity company
410 Water supply
402 Gas distribution

#### Mining E

- 101 Extraction of anthracite and coal
- 271 Transformation Iron and steel
- 272 Manufacture of tubes
- 273 Sections
- 275 Casting of metals
- 281 Manufacture of Builders' carpentry and joinery of metal
- 284 Forging, embossing and drawing of metals
- 285 Metals
- 286 Manufacture of tools
- 287 Manufacture of Containers

### Automobile industry, and electrical or electronic machinery industry

- 341 Manufacture of automobiles and their engines
- 343 Manufacture of clutches, shock absorbers, exhaust pipes, steering wheels or

Other pieces - of automobiles 311 Manufacture of Engines Electric. Transformers 297 Manufacture of Household appliances

- 291 Manufacture of taps, pumps, compressors, valves, transmission
- elements and boat engines
- 294 Manufacture of machine tools
- 292 MANUFACTURE OF GENERAL INDUSTRIAL MACHINERY products (lifts, packaging
  - ovens, ventilation, air conditioning...)
- 295 Manufacture of machinery For industries mining, metallurgy, Textile industry, Food...)

#### Other industries

158 Manufacture of bread, bakery, biscuits and pastry; sweets
151 Meat industry
361 Furniture industry
182 Manufacture of clothing garments
222 Graphic arts
221 Publishing
251 Manufacture of Other products Rubber
252 Manufacture of plastic products

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

### **TABLE OF ACTIVITIES**

#### Transport and communications

- 601 Rail transport
- 602 Road transport: taxi
- 611 Maritime transport
- 621 Air transport
- 631 Storage and deposit of goods
- 632 Bus OR train station, harbours and airports
- 647 Urban courier service
- 641 Postal service
- 642 Communications

#### Teaching

- 801 Primary child education centre
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### **Public Administrations**

- 752 Defence, Justice, public order, civil protection
- 753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic, local)

#### Automobile services

- 801 Car dealership OR sales
- 502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### domestic service or cleaning services

950 Hired by a household OR by a community of owners (cleaning personnel, caretaker...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank or savings bank 660 Insurance company

#### Other services

930 Hairdresser's or beauty salon; dry cleaner's 746 Security and surveillance company 527 Repair of watches and clocks, household appliances, footwear, clothes 741 Fiscal-accounting consultancy; lawyer's buffet; notary's office 742 Engineering and architecture technical services 720 Computer services company 748 Photocopying services, photoGRAPHY studios 633 Travel agency 744 Advertising agency

## Valencia

- 703 Real estate agent's; public lands administration 401 Electricity company 410 Water distribution 402 Gas distribution
  - Automobile industry, aeronautics, shipyards and electrical machinery
- 341 Manufacture of automobiles and their engines
- 342 Manufacture of automobile bodywork
- 343 Manufacture of clutches, shock absorbers, exhaust pipes, steering wheels or
  - other non-electric parts of automobiles
- 291 Manufacture of taps, pumps, compressors, valves, transmission
- elements and boat engines
- 351 Shipvards
- 353 Aeronautic construction
- 331 Manufacture of medical-surgical and orthopedic equipment
- 313 Manufacture of electric cables
- 315 Manufacture of lamps, light bulbs and tubular lighting
- 292 Manufacture of GENERAL industrial machinery products (lifts, packaging ovens, ventilation, air conditioning...)
- 295 Manufacture of machinery for specific industries (mining, metallurgy, textile industry, food industry...)

#### Food industry

- 151 Meat industry
- 153 Processing and preserving of fruit and vegetables
- 158 Manufacture of bread, pastries, biscuits and almond candy; sweets
- 159 Manufacture of beverages (wine, mineral water...)

#### Other industries

182 Manufacture of clothing garments 221 Publishing 222 Graphic arts 202 Manufacture of sheets, boards and wood conglomerate 212 Manufacture of paper and cardboard articles 252 Manufacture of plastic products 261 Manufacture of glass and products thereof 262 Manufacture of bathroom fittings, crockery and other ceramic products 285 Treatment and coating of metals 287 Manufacture of metal containers and nuts and bolts

> If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

#### Accommodation

- 551 Hotel, hostel, questhouse 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### Construction

- 451 Demolition and land movement
- 459 Construction of public works (bridges, roads.).
- 452 Building construction: brickwork, small alterations
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### Retail trade

- 522 Of food, beverages OR tobacco (fruit, meat, fish, I bakery, grocery, frozen products...; tobacconist)
- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop; haberdashery; shoe shop, boutique; optician
- 529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526
- Street market, travelling, telesales or Internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 512 512 Agricultural raw material OR live animals
- 513 Food, beverages or tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap chemical products
- 516 Industrial machinery and equipment

#### Agriculture, livestock, fishing

- 013 Agricultural production combined with cattle breeding (each one represents at least 1/3 of the total)
- 11 Agriculture
- 12 Cattle breeding
- 014 Services involving collection, pruning,
- gardening...
- 020 Forestry
- 050 Fishing, fish farming

#### Health and social services

- 851 Health activities (hospital, clinics, doctor's offices.).
- 853 Nursery; old people's home; centre for drug addicts; centre for disabled persons
- 854 NGO

- - 281 Manufacture of structures and small metal
- articles 361 Furniture industry

#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### Construction

- 451 Demolition and land movement
- 459 Construction of public works (bridges, roads...)
- 452 Building construction; brickwork in general (including small alterations)
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### **Retail trade**

- 522 Of food, beverages OR tobacco (fruit, meat, fish,
- I bakery, grocery, frozen products...; tobacconist) 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop; haberdashery; shoe shop, boutique; optician
- 529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526

Street market, travelling, telesales or Internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 513 Food, beverages or tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap, chemical products
- 516 Industrial machinery and equipment

#### Health and social services

- 851 Health activities (hospital, clinics, doctor's offices...) 853 Nursery; old people's home; centre for drug addicts;
- centre for disabled persons
- 854 NGO

#### Transport and communications

- 601 Rail transport
- 602 Road transport; taxi
- 611 Maritime transport
- 621 Air transport
- 631 Storage and deposit of goods632 Bus OR train station, harbours and airports
- 647 Urban courier service
- 641 Postal service
- 642 Communications

#### Teaching

801 Primary child education centre

**TABLE** 

- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### **Public Administrations**

- 752 Defence, Justice, public order, civil protection
- 753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic, local)

#### automobile services

- 801 Dealership OR sale of automobiles
- 502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### domestic service or cleaning services

950 Hired by a household OR by a community of owners

#### (cleaning personnel.

caretaker...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank or savings bank 660 Insurance company

#### Other services

930 Hairdresser's or beauty salon; dry cleaner's
746 Security and surveillance company
527 Footwear repair, Watches and Clocks, Household appliances; alteration of clothing garments and duplicate of keys
741 Fiscal-accounting consultancy; lawyer's buffet; notary's office
742 Engineering and architecture technical services
720 Computer services company
748 Photocopying services, photoGRAPHY studios
633 Travel agency
744 Advertising agency
703 Real estate agent's; public lands administration
401 Electricity company
410 Water supply
402 Gas distribution

#### Food industry

158 Manufacture of bread, pastries, biscuits and almond candy sweets
151 Meat industry
159 Manufacture of beverages (wine, mineral water...)

#### **Textile industry**

- 171 Textile fibres yarn
- 172 Manufacture of textile fabrics
- 173 Textile finishings
- 174 Manufacture of household linen
- 175 Manufacture of carpets, ropes and cords
- 176 Manufacture of knitted and crocheted fabrics
- 177 Manufacture of knitted and crocheted articles
- 181 Manufacture of leather clothing garments
- 182 Manufacture of clothing garments
- 183 Manufacture of furriery articles

#### Metallurgy industry

- 281 Manufacture of structures and small mechanic products
- 282 Manufacture of cisterns, containers, boilers and metal radiators
- 283 Manufacture of steam generators
- 284 Forging, embossing and drawing of metals
- 285 Treatment and coating of metals
- 286 Manufacture of knives, cutlery and manual tools
- 287 Manufacture of metal containers and nuts and bolts

#### Other industries

222 Graphic arts221 Publishing361 Furniture industry

#### Agriculture, livestock, fishing

Agricultural production combined with cattle breeding (each one represents at least 1/3 of the total) Agriculture Cattle breeding Services involving collection, pruning, gardening... Forestry, forest industry Fishing, fish farming

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer



#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### | Construction

- 451 Demolition and land movement
- 459 Construction of public works (bridges, roads...)
- 452 Building construction; brickwork in general (including small alterations)
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### **Retail trade**

- 522 Of food, beverages OR tobacco (fruit, meat, fish, bakery, grocery, frozen foodstuff...; tobacconist)
- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop; haberdashery; shoe shop, boutique; optician
- 529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526

Street market, travelling, telesales or Internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 513 Food, beverages or tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap chemical products
- 516 Industrial machinery and equipment

#### Agriculture, livestock, fishing

- 013 Agricultural production combined with cattle breeding (each one represents at least 1/3 of the total)
- 11 Agriculture (vegetable garden, cereals, grape...)
- 12 Cattle breeding
- 014 Services involving collection, pruning,
- gardening ...
- 020 Forestry, manager Forest industry
- 050 Fishing, fish farming

#### | Health and social services

- 851 Health activities (hospital, clinics, doctor's offices.).853 Nursery; old people's home; centre for drug addicts;
- centre for disabled persons 854 NGO

### TABLE

#### Transport and communications

- 601 Rail transport
- 602 Road transport; taxi
- 611 Maritime transport
- 621 Air transport
- 631 Storage and deposit of goods 632 Bus OR train station, harbours and airports
- 632 Bus OR train station, harbours and air
- 647 Urban courier service
- 641 Postal service 642 Communications
- 642 Communication

#### Teaching

- 801 Primary child education centre
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### **Public Administrations**

- 752 Defence, Justice, Public order, Civil protection, Foreign affairs
- 753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic, local)

#### | Automobile services

- 801 Dealership OR sale of automobiles
- 502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### | Domestic service or cleaning services

950 Hired by a household or by a community of owners (cleaning personnel,

caretaker...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank or savings bank 660 Insurance company

#### Other services

930 Hairdresser's or beauty salon; dry cleaner's
746 Security and surveillance company
527 Footwear repair, Watches and Clocks, Household appliances; alteration of clothing garments and duplicate of keys
741 Fiscal-accounting consultancy; lawyer's buffet; notary's office
742 Engineering and architecture technical services
720 Computer services company
748 Photocopying services, photography studios
633 Travel agency

- 744 Advertising agency703 Real estate agent's; administration401 Electricity company
- 410 Water distribution
- 402 Gas distribution

#### Food industry

- 151 Meat industry
- 153 Processing and preserving of fruit and vegetables
- 155 Milk industry
- 158 Manufacture of bread, bakery, biscuits and pasta; sweets
- 159 Manufacture of beverages (wine, mineral water...)

#### Chemical industries, paper industry and plastic industry

- 241 Manufacture of basic chemical products
- 211 Manufacture of paper and cardboard
- 212 Manufacture of paper and cardboard articles
- 251 Manufacture of pneumatics and other rubber products
- 252 Manufacture of plastic products

#### Metallurgy industry

- 281 Manufacture of structures and small metal products
- 282 Manufacture of cisterns, containers, boilers and metal radiators
- 284 Forging, embossing and drawing of metals
- 285 Treatment and coating of metals
- 287 Manufacture of metal containers and nuts and bolts

#### Other industries

182 Manufacture of clothing garments
193 Manufacture of footwear
203 Manufacture of doors, windows OR wooden flooring
221 Publishing
222 Graphic Design
361 Furniture industry
232 Refinement of petroleum
262 Manufacture of bathroom fittings, crockery and other ceramic articles
266 Manufacture of plaster, concrete and cement
316 Manufacture of electric components (magnetos, electrodes, electric insulators, burglar alarms...)

343 Manufacture of non-electric pieces for automobiles

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

### Tarragon a

#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### Construction

- 451 Demolition and land movement
- 459 Construction of public works (bridges, roads...)
- 452 Building construction; brickwork in general (including small alterations)
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### Retail trade

- 522 Of food, beverages OR tobacco (fruit, meat, fish, I bakery, grocery, frozen products...; tobacconist)
- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop; haberdashery; shoe shop, boutique; optician
- 529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526

Street market, travelling, telesales or Internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 513 Food, beverages or tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap chemical products
- 516 Industrial machinery and equipment

#### automobile services

- 501 Dealership OR sale of automobiles
- 502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### Transport and communications

601 Rail transport
602 Road transport; taxi
611 Maritime transport
621 Air transport
631 Storage and deposit of goods
632 Bus OR train station, harbours and airports
647 Urban courier service
641 Postal service
642 Communications

### TABLE

#### Health and social services

- 851 Health activities (hospital, clinics, doctor's offices...)
- 853 Nursery; old people's home, centre for drug addicts; centre for disabled persons
- 854 NGO

#### Teaching

- 801 Primary child education centre
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### Public Administrations

- 752 Defence, Justice, public order, civil protection
- 753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic, local)

#### domestic service or cleaning services

950 Hired by a household OR by a community of owners

#### (cleaning personnel,

caretaker...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank or Savings bank 660 Insurance company 671 Investment management company

#### Other services

930 Hairdresser's or beauty salon; dry cleaner's
746 Security and surveillance company
527 Repair of watches and clocks, household appliances, footwear, clothes
741 Fiscal-accounting consultancy; lawyer's buffet; notary's office
742 Engineering and architecture technical services
720 Computer services company
730 R+D (Research and Development)
748 Photocopying services, photo graphy studios
633 Travel agency
744 Advertising agency
703 Real estate agent's; public lands administration
401 Electricity company
410 Water supply
402 Gas distribution

#### Food industry

158 Manufacture of bread, biscuits and pastry; sweets
151 Meat industry
159 Manufacture of beverages (wine, mineral water...)
155 Mik industry

#### **Chemical Industries**

- 241 Manufacture of basic chemical products
- 243 Manufacture of paint and varnish
- 244 Manufacture of pharmaceutical products
- 245 Manufacture of perfumes, detergents OR cleaning products
- 246 Manufacture of chemical products (lubricants, for photography, cassettes and CD, explosives...)
  - and CD, explosives...)
- 251 Manufacture of pneumatics and other rubber products
- 252 Manufacture of plastic products

#### Metallurgy industry

- 281 Manufacture of structures and small metal products
- 284 Forging, embossing and drawing of metals
- 285 Treatment and coating of metals
- 286 Manufacture of knives, cutlery and manual tools
- 287 Manufacture of metal containers and nuts and bolts

### Automobile industry, and electrical or electronic machinery industry

- 341 Manufacture of automobiles and engines
- 343 Manufacture of clutches, shock absorbers, exhaust pipes, steering wheels or

other non-electric automobile pieces 297 Manufacture of household appliances 316 Manufacture of electric components (magnetos, electrodes, electric

insulators, burglar alarms...) 321 Manufacture of electronic

components (valves, tubes...)

291 Manufacture of taps, pumps, compressors, valves, transmission elements and boat engines

292 MANUFACTURE OF GENERAL INDUSTRIAL MACHINERY products (lifts, packaging ovens, ventilation, air conditioning...)

 295 Manufacture of machinery for specific industries (mining, metallurgy, textile industry, food industry...)

#### Other industries

222 Graphic arts 221
Publishing
361 Furniture industry
182 Manufacture of clothing garments
212 Manufacture of paper and cardboard articles
261 Manufacture of glass and products thereof
362 Manufacture of jewellery and gold/silver articles

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

### Barcelon a

### TAB

#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### | Construction

- 451 Demolition and land movement
- 459 Construction of public works (bridges, roads...)
- 452 Building construction; brickwork in general (including small alterations)
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### Retail trade

- 522 Of food, beverages OR tobacco (fruit, meat, fish, I bakery, grocery, frozen products...; tobacconist)
- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop; haberdashery; shoe shop, boutique; optician
- 529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526 Street market, travelling, telesales or Internet sales

Street market, travelling, telesales or internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 513 Food, beverages or tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap chemical products

#### 516 Industrial machinery and equipment

- | Automobile services
- 501 Dealership OR sale of automobiles
- 502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### Transport and communications

- 601 Rail transport
- 602 Road transport; taxi
- 611 Maritime transport
- 621 Air transport
- 631 Storage and deposit of goods
- 632 Bus OR train station, harbours and airports 647 Urban courier service
- 641 Postal service
- 642 Communications

#### | Health and social services

- 851 Health activities (hospital, clinics, doctor's offices...)
- 853 Nursery; old people's home; centre for drug addicts; centre for disabled persons
- 854 NGO

#### Teaching

- 801 Primary child education centre
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### **Public Administrations**

- 752 Defence, Justice, Public order, Civil protection, Foreign affairs
- 753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic, local)

#### | Domestic service or cleaning services

- 950 Hired by a household OR by a community of owners (cleaning personnel, caretaker...) 900 Cleaning of public roads and
- rubbish collection 747 Cleaning company

#### Bank and insurance

- 651 Bank or Savings bank 660 Insurance company
- 671 Investment management company

#### Other services

- 930 Hairdresser's or beauty salon; dry cleaner's
  746 Security and surveillance company
  527 Repair of watches and clocks, household appliances, footwear, clothes
  741 Fiscal-accounting consultancy...; lawyer's buffet; notary's office
  742 Engineering and architecture technical services
  720 Computer services company
  730 R+D (Research and Development)
  748 Photocopying services, photo graphy studios
  633 Travel agency
  744 Advertising agency
  703 Real estate agent's; public lands administration
  401 Electricity company
  410 Water supply
  402 Gas distribution
- -----

#### Food industry

158 Manufacture of bread, biscuits and pastry; sweets
151 Meat industry
159 Manufacture of beverages (wine, mineral water...)
155 Milk industry

#### Automobile industry, and electrical or electronic machinery industry

#### 341 Manufacture of automobiles

343 Manufacture of shock absorbers, exhaust pipes, steering wheels or I non-electric pieces for automobiles 353 Aeronautic Construction 300 Manufacture of computers and other office machines 322 Manufacture of telephones, faxes, radios and televisions 334 Manufacture of optics and photographic equipment 316 Manufacture of electric components (magnetos, electrodes, electric

- I insulators, burglar alarms...)
- 291 Manufacture of taps, pumps, compressors, valves, transmission elements and boat engines
- 292 Manufacture OF GENERAL INDUSTRIAL MACHINERY products (lifts, packaging ovens, ventilation, air conditioning...)

#### **Chemical Industries**

- 244 Manufacture of pharmaceutical products
- 245 Manufacture of perfumes, detergents OR cleaning products
- 246 Manufacture of chemical products (lubricants, for photography, cassettes and CD, explosives...)
- 252 Manufacture of plastic products

#### Other industries

- 222 Graphic arts
- 221 Publishing
- 182 Manufacture of clothing garments
- 361 Furniture industry
- 212 Manufacture of paper and cardboard articles
- 281 Manufacture of structures and small metal products
- 287 Manufacture of metal containers and nuts and bolts

#### Agriculture, cattle breeding, gardening...

- 013 Agricultural production combined with cattle breeding (each one represents at
- least 1/3 of the total)
- 11 Agriculture
- 12 Cattle breeding
- 014 Services involving collection, pruning,
- gardening...
- 020 Forestry, manager Forest industry

If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

### Madri d

- Agriculture, livestock, fishing 013 Agricultural production combined with cattle breeding (each one represents at
- least 1/3 of the total)
  Agriculture (tobacco, potato, vegetable garden, fruit...)
- 12 Cattle breeding
- 014 Services involving collection, pruning.
- gardening...
- 020 Forestry, forest industry
- 050 Fishing, fish farming

#### | Construction

- 451 Destruction of land and earth-moving
- 459 Construction of public works (bridges, roads...)
- 452 Building construction; brickwork in general (including small alterations)
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### | Retail trade

- 522 Of food, beverages OR tobacco (fruit, meat, fish, I bakery, grocery, frozen products...; tobacconist)
- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop;

haberdashery; shoe shop, boutique; optician

529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526 Street market, travelling, telesales OR Internet sales

#### | Wholesale trade

- 511 Trade intermediation services; fish market
- 512 Agricultural raw material OR live ANIMALS
- 513 Food, beveragesOR tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap chemical products
- 516 Industrial machinery and equipment

#### | Health and social services

- 851 Health activities (hospital, clinics, doctor's offices...)
  853 Nursery; old people's home: centre for drug addicts; Centre for disabled persons
- 854 NGO

#### Transport and communications

- 601 Rail transport
- 602 Road transport; taxi

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- 611 Maritime transport
- 621 Air transport
- 631 Storage and deposit of goods
- 632 Bus OR train station, harbours and airports
- 647 Urban courier service 641 Postal service
- 642 Communications

#### Teaching

- 801 Centre for primary education OR preschool education
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### Public Administrations

- 752 Defence, Justice, Public order, Civil protection, Civil protection, Foreign affairs753 Social Security
- 751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic OR local)

#### | Automobile services

- 501 Dealership OR sale of automobiles502 Car repair garage
- 503 Sale of spare parts for automobiles
- 504 Sale and repair of motorbikes
- 505 Petrol station

#### | Domestic service or cleaning services

850 Households OR communities (cleaning staff, caretaker...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank OR Savings bank 660 Insurance company

#### Other services

- 930 Hairdressing and beauty salon; dry cleaner's
- 746 Security and surveillance company
- 527 Repair of watches and clocks, household appliances, footwear,
- clothes
- 741 Fiscal OR accounting or consultancy; lawyer's buffet; notary's office
- 742 Other Engineering and architectural services
- 720 Computer services company
- 748 Photocopying services, photography studios
- 633 Travel agency
- 744 Advertising agency

#### 703 Real estate agent's; public lands administration

- 401 Electricity company
- 410 Water supply
- 402 Gas distribution

#### Food and tobacco industry

158 Manufacture of bread, pastries, biscuits and pastry; sweets

Galici

- 151 Meat industry
- 152 Manufacture of fish preserves
- 155 Milk industry
- 159 Manufacture of beverages (wine, mineral water.).
- 160 Tobacco industry

### Automobile industry, shipyards and oil refinement

- 341 Manufacture of automobiles and engines
- 343 Manufacture of clutches, shock absorbers, exhaust pipes, steering wheels
- or other non-electric parts of automobiles 351
- Shipyards 232 Oil refinement

#### Wood and furniture industries

- 201 Saw milling and planing of wood
- 202 Manufacture of sheets, boards and wood conglomerate
- 203 Manufacture of door windows or wooden flooring
- 361 Furniture industry

#### **Other industries**

141 Extraction of stone, guarries

- 222 Graphic arts
- 221 Publishing

alarms...)

- 182 Manufacture of clothing garments
- 281 Manufacture of structures and small metal products

282 Manufacture of cisterns, containers, boilers and metal radiators

267 Stone industry 192 Manufacture of leather goods 252 Manufacture of

of electric components (magnetos, electrodes, electric insulators, burglar

plastic products 241 Manufacture of basic chemical products 316 Manufacture

If you cannot find your occupation in this list,

please return to the questionnaire and write it

in the space reserved for this answer

#### Agriculture, livestock, fishing

O13 Agricultural production combined with cattle breeding (each one represents at
least 1/3 of the total)
11 Agriculture (fruit trees, almond trees, olive trees, vegetable garden...)
12 Cattle breeding
O14 Services involving collection, pruning, gardening...
O20 Forestry, forest industry

050 Fishing, fish farming

#### Accommodation and catering

- 551 Hotel, hostel, guesthouse
- 552 Campsites, Holiday dwellings
- 553 Bar that serves food, restaurant
- 554 Bar that does not serve food, pub
- 555 Catering company

#### Construction

- 451 Destruction of land and earth-moving
- 459 Construction of public works (bridges, roads...)
- 452 Building construction and brickwork in general (including small alterations)
- 453 Electric installations company, plumbing, insulation
- 454 Company dedicated to door and window fitting, glazing, painting, plastering, tiling

#### Retail trade

522 Of food, beverages OR tobacco (fruit, meat, fish, I bakery, grocery, frozen products...; tobacconist)

- 521 Hyper, super or large warehouse
- 523 Pharmacy, perfume store
- 524 Drugstore, hardware store, DIY; household appliances OR furniture shop;

haberdashery; shoe shop, boutique; optician

529 Jewellery, watchmaker's; gift store, bargain store; toy shop, sports sports; stationery shop, book shop, newsstand, 526 Street market, travelling, telesales OR Internet sales

#### Wholesale trade

- 511 Trade intermediation services; fish market
- 512 Agricultural raw material OR live ANIMALS
- 513 513 Food, beverages OR tobacco
- 514 Clothes, household appliances OR furniture
- 515 Construction materials, scrap chemical products
- 516 Industrial machinery and equipment

#### Health and social services

851 Health activities (hospital, clinics, doctor's offices...)853 Nursery; old people's home; centre for drug addicts; Centre for disabled persons

854 NGO

### TABLE

#### Transport and communications

- Rail transport
  Road transport; taxi
  Road transport; taxi
  Maritime transport
  Air transport
  Storage and deposit of goods
  Bus oR train station, harbours and airports
  Tuban courier service
  Postal service
- 642 Communications

#### Teaching

- 801 Centre for primary education or preschool education
- 802 Secondary education centre
- 803 University education centre
- 804 Academy, driving school or other centre of education

#### **Public Administrations**

752 Defence activities, Justice, Public Order, Civil protection
753 Social Security
751 Other Ministries, Councils, Town council, Regional Council or other organism of the Administration (central, autonomic or local)

#### Automobile services

501 Dealership OR sale of automobiles
502 Car repair garage
503 Sale of spare parts for automobiles
504 Sale and repair of motorbikes
505 Petrol station

#### Domestic service or cleaning services

850 Households OR communities (cleaning staff, caretaker...) 900 Cleaning of public roads and rubbish collection 747 Cleaning company

#### Bank and insurance

651 Bank or Savings bank 660 Insurance company

#### Other services

930 Hairdressing and beauty salon; dry cleaner's
746 Security and surveillance company
527 Repair of watches and clocks, household appliances, footwear, clothes
741 Fiscal OR accounting or consultancy; lawyer's buffet; notary's office
742 Other Engineering and architectural services
720 Computer services company

- 748 Photocopying services, photography studios
- 633 Travel agency
- 744 Advertising agency

703 Real estate agent's; public lands administration
401 Electricity company
410 Water supply
402 Gas distribution

#### Textile and footwear industries

- 171 Textile fibres yarn
- 172 Manufacture of textile fabrics
- 174 Manufacture of household linen
- 175 Manufacture of carpets, ropes and cords
- 182 Manufacture of clothing garments 193 Manufacture of footwear
  - 3 Manufacture of footwear

#### Stone and ceramic industry

263 Manufacture of ceramic and floor tiles266 Manufacture of plaster, concrete and cement267 Stone industry

#### Food industry

158 Manufacture of bread, pastries, biscuits and almond candy sweets
151 Meat industry
153 Processing and preserving of fruit and vegetables
155 Milk industry, manufacture of ice cream

#### Other industries

361 Furniture industry 365 Manufacture of toys 222 Graphic arts 221 Publishing 211 Manufacture of paper and cardboard 212 Manufacture of paper and cardboard articles 203 Manufacture of doors, windows OR wooden flooring 281 Manufacture of structures and small metal products 252 Manufacture of plastic products 292 Manufacture of general industrial machinery products (lifts, packaging ovens, ventilation, air conditioning...) 295 Manufacture of machinery for specific industries (mining, metallurgy, textile industry, food industry...) 243 Manufacture of paint and varnish 244 Manufacture of pharmaceutical products 351 Shipyards

> If you cannot find your occupation in this list, please return to the questionnaire and write it in the space reserved for this answer

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