

## Online appendix – Classification systems (NAICS & SINCO)

This online appendix includes the classification systems used in Mexico's ENOE survey. It begins with an explanation of NAICS, followed by an explanation of SINCO.

### NAICS Classification System

The NAICS Classification System is used in Mexico, the United States, and Canada. It is based on the characteristics of the firm where the surveyed individuals work. The system is organised into three broad economic sectors: agriculture, industry, and services. It can also be disaggregated into 21 subsectors and, at the finest level of detail, into 181 economic activities. Below is a list of the 21 subsectors and the economic activities that comprise each subsector.

It is important for the reader to note the following. The list of economic activities presented here was obtained directly from INEGI (2015). The ENOE survey includes variables to identify in which economic sector (3 options), in which subsector (21 options), and in which economic activity (181 options) each worker is employed. To assist readers unfamiliar with Spanish, this list has been translated using artificial intelligence and is included for reference purposes. For additional details, verification, or precise definitions of the categories listed below, please refer to the original Spanish documentation from INEGI (2015).

#### 1 - Agriculture, Animal Breeding and Production, Forestry, Fishing and Hunting

- **1110** Agriculture
- **1121** Animal breeding and production
- **1122** Aquaculture
- **1130** Forestry
- **1141** Fishing
- **1142** Hunting and trapping
- **1150** Services related to agricultural and forestry activities
- **1199** Insufficiently specified descriptions of subsectors within Sector 11

#### 2 - Mining

- **2110** Oil and gas extraction
- **2121** Coal mining
- **2122** Metallic mineral mining
- **2123** Non-metallic mineral mining
- **2129** Insufficiently specified descriptions of metallic and non-metallic minerals
- **2131** Mining-related services
- **2132** Drilling of oil and gas wells
- **2199** Insufficiently specified descriptions of subsectors within Sector 21

#### 3 - Generation, Transmission and Distribution of Electricity, Water and Gas Supply

- **2210** Electricity generation, transmission and distribution
- **2221** Water collection, treatment and supply
- **2222** Gas supply through pipelines to the final consumer

#### 4 - Construction

- **2361** Residential building construction
- **2362** Self-built residential construction
- **2363** Non-residential building construction

- **2370** Civil engineering works construction
- **2381** Specialised construction work
- **2382** Masonry, plumbing, electrical installations, and outdoor construction work
- **2399** Insufficiently specified descriptions of subsectors within Sector 23

#### 5 - Manufacturing Industries

- **3110** Food industry
- **3120** Beverage and tobacco industry
- **3130** Manufacture of textile inputs and textile finishing
- **3140** Manufacture of textile products, except apparel
- **3150** Manufacture of apparel
- **3160** Manufacture, tanning and finishing of leather, hide, and substitute products
- **3210** Wood industry
- **3220** Paper industry
- **3230** Printing and related industries
- **3240** Manufacture of petroleum and coal products
- **3250** Chemical industry
- **3260** Plastic and rubber industry
- **3270** Manufacture of non-metallic mineral products
- **3310** Basic metal industries
- **3320** Manufacture of fabricated metal products
- **3330** Manufacture of machinery and equipment
- **3340** Manufacture of computing and communication equipment, components, or accessories.
- **3350** Manufacture of electrical accessories, appliances, and power generation equipment
- **3360** Manufacture of transport equipment and motor vehicle parts
- **3370** Manufacture of furniture, mattresses, and blinds
- **3380** Other manufacturing industries
- **3399** Insufficiently specified descriptions of subsectors within Sector 31–33

#### 6 - Wholesale Trade

- **4310** Wholesale trade of groceries, food, beverages, ice, and tobacco
- **4320** Wholesale trade of textile products and footwear
- **4330** Wholesale trade of pharmaceuticals, perfumes, recreational items, small appliances, and major household appliances
- **4340** Wholesale trade of agricultural and forestry raw materials, industrial supplies, and waste materials
- **4350** Wholesale trade of machinery, equipment, and furniture for agricultural, industrial, service, and commercial activities, and other general-purpose machinery and equipment
- **4360** Wholesale trade of trucks, auto parts and accessories for cars, pickups and trucks
- **4370** Wholesale trade intermediation
- **4399** Insufficiently specified descriptions of subsectors within Sector 43

#### 7 - Retail Trade

- **4611** Retail trade of groceries, food, beverages, ice, and tobacco
- **4612** Street vending of groceries, food, beverages, ice, and tobacco
- **4620** Retail trade in self-service and department stores
- **4631** Retail trade of textile products, jewellery, fashion accessories, and footwear
- **4632** Street vending of textile products, jewellery, fashion accessories, and footwear
- **4641** Retail trade of health care items
- **4642** Street vending of health care items

- **4651** Retail trade of stationery, recreational items, and other personal use articles
- **4652** Street vending of stationery, recreational items, and other personal use articles
- **4661** Retail trade of household appliances, computers, home decor items, and used goods
- **4662** Street vending of furniture, household goods, and used goods
- **4671** Retail trade of hardware, paint supplies, and glass
- **4672** Street vending of hardware and paint supplies
- **4681** Retail trade of motor vehicles, spare parts, fuels, and lubricants
- **4682** Street vending of automobile parts, accessories, and fuels
- **4690** Retail trade exclusively through the Internet, printed catalogues, and television
- **4699** Insufficiently specified descriptions of subsectors within Sector 46

#### 8 - Transportation, Postal and Storage Services

- **4810** Air transportation
- **4820** Rail transportation
- **4830** Water transportation
- **4840** Freight trucking
- **4850** Land passenger transportation, except rail
- **4860** Pipeline transportation
- **4870** Tourist transportation
- **4881** Transportation-related services
- **4882** Aircraft, ship, and train exterior cleaning and repair services
- **4899** Insufficiently specified descriptions of subsectors within Sector 48
- **4910** Postal services
- **4920** Courier and parcel delivery services
- **4930** Storage services

#### 9 - Mass Media and Information Services

- **5110** Publishing of newspapers, magazines, books, software, and other materials, including publishing integrated with printing
- **5120** Film, video, and sound industry
- **5150** Radio and television
- **5170** Other telecommunications
- **5180** Electronic data processing, hosting, and other related services
- **5190** Other information services
- **5199** Insufficiently specified descriptions of subsectors within Sector 51

#### 10 - Financial and Insurance Services

- **5210** Central banking (Bank of Mexico)
- **5221** Commercial banking, and private sector fund and trust management
- **5222** Other non-stock market credit and financial intermediation institutions in the private sector
- **5223** Development banking, and public sector fund and trust management
- **5229** Insufficiently specified descriptions of non-stock market financial services
- **5230** Stock market, currency exchange, and financial investment activities
- **5240** Surety, insurance, and pension companies
- **5299** Insufficiently specified descriptions of subsectors within Sector 52

#### 11 - Real Estate and Rental of Tangible and Intangible Goods

- **5310** Real estate services
- **5321** Rental services of automobiles, trucks, and other land transportation

- **5322** Rental services and rental centres of movable goods, except land transportation equipment
- **5330** Rental services of trademarks, patents, and franchises
- **5399** Insufficiently specified descriptions of subsectors within Sector 53

12 - Professional, Scientific, and Technical Services

- **5411** Professional, scientific, and technical services
- **5412** Scientific research and development services
- **5413** Veterinary services
- **5414** Photography services

13 - Corporate Management

- **5510** Corporate offices

14 - Business Support Services, Waste Management, and Remediation Services

- **5611** Business support services, employment services, secretarial support, and other business assistance services
- **5612** Interior cleaning of airplanes, ships, and trains
- **5613** Cleaning services, and installation and maintenance of green areas
- **5614** Investigation, protection, and security services
- **5615** Travel agencies and reservation services
- **5616** Combined facility support services
- **5620** Waste management and remediation services

15 - Educational Services

- **6111** Private schools for basic, middle, and special education
- **6112** Public schools for basic, middle, and special education
- **6119** Unspecified sector (private/public) schools for basic, middle, and special education
- **6121** Private post-secondary non-university education institutions
- **6122** Public post-secondary non-university education institutions
- **6129** Post-secondary non-university education institutions
- **6131** Private higher education institutions
- **6132** Public higher education institutions
- **6139** Unspecified sector (private/public) higher education institutions
- **6141** Other private educational services
- **6142** Other public educational services
- **6149** Other unspecified sector (private/public) educational services
- **6150** Educational support services
- **6199** Insufficiently specified descriptions of subsectors within Sector 61

16 - Health and Social Assistance Services

- **6211** Private outpatient medical and related services
- **6212** Public outpatient medical and related services
- **6219** Unspecified sector (private/public) outpatient medical and related services
- **6221** Private hospitals
- **6222** Public hospitals
- **6229** Unspecified sector (private/public) hospitals
- **6231** Private social and health care residential facilities
- **6232** Public social and health care residential facilities
- **6239** Unspecified sector (private/public) social and health care residential facilities
- **6241** Other private social assistance services

- **6242** Other public social assistance services
- **6249** Other unspecified sector (private/public) social assistance services
- **6251** Private childcare services
- **6252** Public childcare services
- **6259** Unspecified sector (private/public) childcare services
- **6299** Insufficiently specified descriptions of subsectors within Sector 62, Health and Social Assistance Services

17 - Cultural, Sports, and Recreational Entertainment Services

- **7111** Artistic performance companies and groups
- **7112** Professional and semi-professional athletes and sports teams
- **7113** Promoters, agents, and representatives of artistic, sports, and similar events
- **7114** Independent artists, writers, and technicians
- **7115** Itinerant entertainment workers
- **7120** Museums, historical sites, zoos, and similar institutions
- **7131** Parks with recreational facilities and electronic game arcades
- **7132** National lottery ticket sales
- **7133** Street vending of national lottery tickets

18 - Temporary Accommodation and Food and Beverage Preparation Services

- **7210** Temporary accommodation services
- **7221** Food and beverage preparation services
- **7222** Food and beverage preparation services by street vendors
- **7223** Nightclubs

19 - Other Services Except Governmental Activities

- **8111** Automobile and truck repair and maintenance services
- **8112** Repair and maintenance of equipment, machinery, household, and personal items
- **8119** Insufficiently specified repair and maintenance services
- **8121** Personal services
- **8122** Parking lots and garages for motor vehicles
- **8123** Car care and washing services by itinerant workers
- **8124** Photo developing and printing services
- **8125** Cemetery management services
- **8130** Associations and organizations
- **8140** Households with domestic workers

20 – Government and International or Extraterritorial Organisations

- **9311** Legislative bodies
- **9312** Federal government administration
- **9313** State government administration
- **9314** Municipal government administration
- **9319** Government administration with unspecified level
- **9320** International and extraterritorial organisations

21 - Unspecified Sector of Activity

- **9999** Unspecified sector of activity

## SINCO Classification System (Short version).

Mexico also employs a classification system that does not rely on firm characteristics but instead on the attributes of the work that respondents perform. In other words, it is based on job characteristics rather than firm characteristics. This system, known as SINCO (Sistema Nacional de Clasificación de Ocupaciones), closely mirrors the International Labour Organisation's occupational framework, ISCO (International Standard Classification of Occupations).

SINCO is structured as follows

- Division – 1 digit
- Group – 2 digits
- Subgroup – 3 digits
- Unit group – 4 digits

To facilitate understanding of this occupational classification system, two lists are presented below. The first list shows the classification at the division level (one digit) and group level (two digits). The second list provides a more detailed breakdown, including the subgroup (three digits) and unit group (four digits).

As with the NAICS codes, these classifications were obtained from INEGI (2015) and translated using artificial intelligence to assist readers unfamiliar with Spanish. For authoritative definitions, verification, or additional detail regarding any of the occupational categories listed below, please refer to the original Spanish documentation from INEGI (2015).

### **1 Officials, Directors, and Heads**

- 11 Officials and senior authorities in the public, private, and social sectors
- 12 Directors and managers in financial, legal, administrative, and social services
- 13 Directors and managers in production, technology, and transport
- 14 Directors and managers of sales, restaurants, hotels, and other establishments
- 15 Coordinators and area heads in financial, administrative, and social services
- 16 Coordinators and area heads in production and technology
- 17 Coordinators and area heads of sales, restaurants, hotels, and other establishments
- 19 Other directors, officials, managers, coordinators, and area heads not elsewhere classified

### **2 Professionals and Technicians**

- 21 Professionals in economic-administrative sciences, social sciences, humanities, and the arts
- 22 Researchers and professionals in exact sciences, biological sciences, engineering, computing, and telecommunications
- 23 Teachers and teaching specialists
- 24 Doctors, nurses, and other health specialists
- 25 Assistants and technicians in economic-administrative sciences, social sciences, humanities, and the arts
- 26 Assistants and technicians in exact sciences, biological sciences, engineering, computing, and telecommunications
- 27 Assistants and technicians in education, instructors, and trainers
- 28 Nurses, medical technicians, and health support workers
- 29 Other professionals and technicians not elsewhere classified

### **3 Support Workers in Administrative Activities**

- 31 Supervisors of administrative support staff, secretaries, data-entry clerks, cashiers, and archival and transport-control workers

- 32 Supervisors and workers who provide and manage information
- 39 Other support workers in administrative activities not elsewhere classified

#### **4 Traders, Sales Employees, and Sales Agents**

- 41 Shop-based traders
- 42 Shop-based sales employees
- 43 Rental service workers
- 49 Other traders, sales employees, and sales agents in establishments not elsewhere classified

#### **5 Personal Service and Security Workers**

- 51 Workers in the preparation and service of food and beverages, as well as in entertainment and hospitality services
- 52 Personal care and domestic workers
- 53 Protection and security service workers
- 54 Navy, Army, and Air Force personnel

#### **6 Agricultural, Livestock, Forestry, Hunting, and Fishing Workers**

- 61 Agricultural and livestock workers
- 62 Fishing, forestry, hunting, and similar workers
- 63 Operators of agricultural and forestry machinery
- 69 Other agricultural, livestock, forestry, hunting, and fishing workers not elsewhere classified

#### **7 Craft Workers, Construction Workers, and Other Trades**

- 71 Extraction workers and construction builders
- 72 Craftspeople and workers in metal treatment and product manufacturing
- 73 Craftspeople and workers in wood, paper, textile, leather, and hide product manufacturing
- 74 Craftspeople and workers in rubber, plastics, and chemical-substance product manufacturing
- 75 Workers in the production and processing of food, beverages, and tobacco products
- 76 Craftspeople and workers in ceramic, glass, tile, and similar product manufacturing
- 79 Other crafts workers not elsewhere classified

#### **8 Industrial Machinery Operators, Assemblers, Drivers, and Transport Operators**

- 81 Operators of industrial facilities and machinery
- 82 Assemblers and fitters of tools, machinery, metal products, and electronics
- 83 Transport drivers and mobile machinery operators
- 89 Other industrial machinery operators, assemblers, and transport drivers not elsewhere classified

#### **9 Elementary and Support Workers**

- 91 Support workers in agriculture, livestock, forestry, fishing, and hunting
- 92 Support workers in mining, construction, and industry
- 93 Assistants to transport drivers, human- or animal-drawn transport operators, and loaders
- 94 Food-preparation assistants
- 95 Street vendors
- 96 Domestic workers, cleaners, ironers, and other cleaning workers
- 97 Parcel workers, stage-support workers, messengers, and goods delivery workers
- 98 Other elementary and support workers not elsewhere classified
- 99 Unspecified occupations

## SINCO Classification System (Long version).

The following list shows classification by division (1 digit), group (2 digits), subgroup (3 digits) and unit group (4 digits). In this research, the “unit group” with 4 digits is referred to as the “job code”.

It should be noted that SINCO and ISCO do not classify occupations by economic sector (agriculture, industry, services). These systems are organised according to job-related characteristics, grouping occupations by tasks, duties, and required skills (skill levels and specialisations). While highly useful for analytical purposes, they exhibit classification mismatches that may complicate empirical work.

For instance, the system assigns an entire group to nurses: (28) Nurses, medical technicians and health support workers. Yet some specialised nurses are classified within the doctors' group rather than nursing: 2436 Professional nurses and paramedics, which falls under (24) Doctors, nurses and other health specialists.

Similarly, agriculture has its own category: (6) Agricultural, livestock, forestry, hunting, and fishing workers, which consists of (61) Agricultural and livestock workers; (62) Fishing, forestry, hunting, and similar workers; (63) Operators of agricultural and forestry machinery. Yet SINCO includes a separate category, (91) Support workers in agriculture, livestock, forestry, fishing, and hunting, placed in a different group because the system considers such roles to require lower skills.

The same occurs with accounting: (1212) Directors and managers in accounting, financial services, banking and insurance; (1512) Coordinators and area heads in accounting, financial services, banking and insurance; (2121) Accountants and auditors; (2512) Assistants in accounting, finance and stockbroking. Although all are employed in accounting, each category falls into a different group according to their skill levels. For instance, Directors in accounting are not part of an ‘Accounting’ group, they are part of the ‘Management’ group.

Something similar occurs with sales. SINCO also has a group to identify people working in sales: (42) Sales employees in establishments. However, this area contains categories that are not sales: 4232 Hostesses; 4233 Fashion, art and advertising models. In addition, several job codes of people working in sales are not part of the SINCO group to classify people in sales: (1411) Directors and managers of sales, marketing and rental; (1711) Coordinators and area heads of sales, marketing and rental; (2511) Assistants in administration, marketing, sales and foreign trade. All these job codes are part of different groups, rather than being included in group (42) Sales employees.

Therefore, the rationale of the classification system presented below may be slightly difficult to interpret for some readers.

### **1 Officials, directors and heads**

- 11 Officials and senior authorities in the public, private and social sectors
  - 111 Officials, legislators and government authorities
    - 1111 Senior government and judicial authorities
    - 1112 Legislators
    - 1113 Municipal presidents and authorities
  - 112 Presidents and general directors

1121 Presidents and general directors in public institutions  
1122 Presidents and general directors in private institutions and enterprises  
1129 Other presidents and general directors, not elsewhere classified  
113 Directors of political, union and civil organisations  
1131 Directors of political organisations  
1132 Directors of trade-union organisations  
1133 Directors of business organisations  
1134 Directors of agrarian organisations  
1135 Directors of civil and religious organisations

12 Directors and managers in financial, legal, administrative and social services  
121 Directors and managers in financial and administrative services  
1211 Directors and managers in administration, human resources and marketing  
1212 Directors and managers in accounting, financial services, banking and insurance  
122 Directors and managers in health, education and social services  
1221 Directors and managers in health services, civil protection and the environment  
1222 Directors and managers in social and economic development  
1223 Directors and managers in educational and training centres  
1224 Court judges, directors and managers in legal services and public prosecution  
1225 Commanders in the Navy, Army and Air Force  
1226 Directors in security and surveillance services

13 Directors and managers in production, technology and transport  
131 Directors and managers in agricultural, industrial, construction and maintenance production  
1311 Directors and managers in agricultural, forestry and fishing production  
1312 Directors and managers in mining, oil and gas production  
1313 Directors and managers in the generation and supply of electric power and water  
1314 Directors and managers in manufacturing production  
1315 Directors and managers in construction, repair and maintenance of machinery and industrial equipment, telecommunications, transport, etc.  
1319 Other directors and area managers in agricultural, industrial, construction and maintenance production, not elsewhere classified  
132 Directors and managers in computing, telecommunications, transport and in research and technological development  
1321 Directors and managers in computing  
1322 Directors and managers in communication and telecommunications  
1323 Directors and managers in transport services  
1324 Directors and managers in research and technological development centres  
1329 Other directors and managers in computing, telecommunications, transport and in research and technological development, not elsewhere classified

14 Directors and managers of sales, restaurants, hotels and other establishments  
141 Directors and managers of sales, restaurants and hotels  
1411 Directors and managers of sales, marketing and rental  
1412 Directors and managers of restaurants and hotels  
142 Directors and managers of museums, cinemas and other establishments  
1421 Directors and artistic producers for film, theatre and related activities  
1422 Directors and managers of museums, cinemas and other sports and cultural establishments  
1423 Directors and managers in funeral and other services

- 15 Coordinators and area heads in financial, administrative and social services
- 151 Coordinators and area heads in financial and administrative services
- 1511 Coordinators and area heads in administration, human resources and marketing
- 1512 Coordinators and area heads in accounting, financial services, banking and insurance
- 152 Coordinators and area heads in health, education, social services and examining judges
- 1521 Coordinators and area heads in health services, civil protection and the environment
- 1522 Coordinators and area heads in social and economic development
- 1523 Coordinators and area heads in educational and training centres
- 1524 Coordinators and area heads in legal services, examining judges and prosecutors
- 1525 Captains, lieutenant colonels and area heads in the Navy, Army and Air Force
- 1526 Coordinators and area heads in security and surveillance services
  
- 16 Coordinators and area heads in production and technology
- 161 Coordinators and area heads in agricultural, industrial, construction and maintenance production
- 1611 Coordinators and area heads in agricultural, forestry and fishing production
- 1612 Coordinators and area heads in mining, oil and gas production
- 1613 Coordinators and area heads in the generation and supply of electric power and water
- 1614 Coordinators and area heads in manufacturing production
- 1615 Coordinators and area heads in construction, repair and maintenance of machinery and industrial equipment, telecommunications, transport, etc.
- 1619 Other coordinators and area heads in agricultural, industrial, construction and maintenance production, not elsewhere classified
- 162 Coordinators and area heads in computing, telecommunications, transport and in research and technological development
- 1621 Coordinators and area heads in computing
- 1622 Coordinators and area heads in communication and telecommunications
- 1623 Coordinators and area heads in transport services
- 1624 Coordinators and area heads in research and technological development centres
- 1629 Other coordinators and area heads in computing, telecommunications, transport and in research and technological development, not elsewhere classified
  
- 17 Coordinators and area heads of sales, restaurants, hotels and other establishments
- 171 Coordinators and area heads of sales, restaurants and hotels
- 1711 Coordinators and area heads of sales, marketing and rental
- 1712 Coordinators and area heads of restaurants and hotels
- 172 Coordinators and area heads in museums, cinemas and other establishments
- 1721 Coordinators and area heads in artistic, film, theatre and related activities
- 1722 Coordinators and area heads in museums, cinemas, sports and cultural services
- 1723 Coordinators and area heads in funeral and other services
  
- 19 Other directors, officials, managers, coordinators and area heads, not elsewhere classified
- 199 Other directors, officials, managers, coordinators and area heads, not elsewhere classified
- 1999 Other directors, officials, managers, coordinators and area heads, not elsewhere classified

## **2 Professionals and technicians**

- 21 Professionals in economic-administrative sciences, social sciences, humanities and the arts
- 211 Administrators and marketing specialists
- 2111 Administrators and professionals in human resources and management systems
- 2112 Professionals and consultants in marketing, advertising, communication and foreign trade

2113 Professionals in hospitality and tourism  
212 Accountants, auditors and finance professionals  
2121 Accountants and auditors  
2122 Financial advisers and analysts  
213 Researchers and professionals in social sciences  
2131 Anthropologists, archaeologists and historians  
2132 Researchers and professionals in sociology and social development  
2133 Researchers and professionals in political science and public administration  
2134 Geographers  
2135 Lawyers  
2136 Economists, consultants and researchers in economic policy  
214 Researchers and professionals in humanities  
2141 Researchers and professionals in philosophy and literature (philologists)  
2142 Psychologists  
2143 Social work professionals  
2144 Professionals in archives, library science and museum studies  
2145 Priests, pastors and other theologians  
215 Writers, journalists and translators  
2151 Writers and literary critics  
2152 Journalists and editors  
2153 Translators and interpreters  
216 Painters, artistic designers and draughtsmen, sculptors and set designers  
2161 Painters  
2162 Artistic draughtsmen and designers, illustrators and engravers  
2163 Sculptors  
2164 Set designers  
217 Performing artists  
2171 Composers and arrangers  
2172 Musicians  
2173 Singers  
2174 Dancers and choreographers  
2175 Actors

22 Researchers and professionals in exact sciences, biological sciences, engineering, computing and telecommunications  
221 Researchers and professionals in physics, mathematics, statistics and actuarial science  
2211 Researchers and professionals in physics and astronomy  
2212 Researchers and professionals in mathematics, statistics and actuarial science  
222 Researchers and professionals in biological, chemical and environmental sciences  
2221 Biologists, marine scientists and oceanographers  
2222 Chemists  
2223 Ecologists and professionals in atmospheric sciences  
223 Professionals in agronomic sciences  
2231 Agronomists  
2232 Veterinarians and animal-science specialists  
2233 Professionals in afforestation, forestry and similar activities  
2234 Professionals in fishing and aquaculture  
224 Electrical and electronics engineers  
2241 Electrical engineers  
2242 Electronics engineers  
225 Chemical, mechanical, industrial, mining and metallurgical engineers

2251 Chemical engineers  
2252 Mechanical engineers  
2253 Industrial engineers  
2254 Mining, metallurgical and petroleum engineers  
226 Civil engineers, surveyors and architects  
2261 Civil and construction engineers  
2262 Surveying, hydrology, geology and geodesy engineers  
2263 Architects, urban and transport planners  
227 Researchers and professionals in computer systems  
2271 Software and multimedia developers and analysts  
2272 Database and computer network administrators  
228 Communications and telecommunications engineers  
2281 Communications and telecommunications engineers

23 Teachers and teaching specialists  
231 Educational supervisors and specialists in education sciences  
2311 Educational supervisors and inspectors  
2312 Educationalists, guidance counsellors and other specialists in education sciences  
232 Upper-secondary and higher-education teachers  
2321 University and higher-education teachers  
2322 Upper-secondary (preparatory) and equivalent level teachers  
233 Basic-education teachers  
2331 Lower-secondary school teachers  
2332 Primary school teachers  
2333 Literacy teachers  
2334 Bilingual (indigenous) education teachers  
2335 Pre-school teachers  
2339 Other basic-education teachers, not elsewhere classified  
234 Special-education teachers  
2341 Teachers for people with hearing and speech impairments  
2342 Teachers for people with learning difficulties  
2343 Other special-education teachers  
239 Other teachers and teaching specialists, not elsewhere classified  
2399 Other teachers and teaching specialists, not elsewhere classified

24 Doctors, nurses and other health specialists  
241 General practitioners and dentists  
2411 General and family doctors  
2412 Dentists  
242 Specialist doctors  
2421 Anaesthesiologists  
2422 Surgeons  
2423 Gynaecologists and obstetricians  
2424 Resident doctors  
2425 Pathologists  
2426 Paediatricians  
2427 Psychiatrists  
2428 Radiologists  
2429 Other specialist doctors  
243 Other health specialists  
2431 Biomedical engineers

2432 Optometrists  
2433 Nutritionists  
2434 Professionals in occupational safety and hygiene and public health  
2435 Professionals in traditional and alternative medicine  
2436 Professional nurses and paramedics  
2437 Physiotherapists and speech therapists  
2438 Pharmacologists

25 Assistants and technicians in economic-administrative sciences, social sciences, humanities and the arts

251 Assistants in administration, accounting and finance  
2511 Assistants in administration, marketing, sales and foreign trade  
2512 Assistants in accounting, finance and stockbroking  
2513 Customs brokers  
2514 Appraisers, auctioneers and liquidators  
252 Public inspectors  
2521 Public prosecutor's officers and detectives  
2522 Customs and border officers  
2523 Tax collection and licensing officers  
2524 Inspectors in social security, prices and other public inspectors  
253 Assistants in social sciences and humanities  
2531 Assistants in social sciences and humanities  
2532 Assistants in legal services  
2533 Nuns and preachers  
254 Fashion, industrial, graphic designers and interior decorators  
2541 Fashion and clothing designers  
2542 Industrial designers  
2543 Graphic designers  
2544 Interior, garden and miscellaneous-materials decorators (mugs, keyrings, etc.)  
255 Presenters, entertainers and clowns  
2551 Radio, television and other media presenters  
2552 Entertainers and event organisers  
2553 Clowns, mimes and circus performers  
256 Athletes, coaches and referees  
2561 Athletes  
2562 Sports coaches and managers  
2563 Sports referees and judges

26 Assistants and technicians in exact sciences, biological sciences, engineering, computing and telecommunications

261 Assistants and technicians in physical, mathematical, biological, chemical, environmental and agronomic sciences  
2611 Assistants and technicians in physics, astronomy, mathematics, statistics and actuarial science  
2612 Assistants and technicians in biological, chemical and environmental sciences  
2613 Assistants and technicians in agronomy  
2614 Assistants and technicians in veterinary science, fishing and afforestation  
262 Industrial, surveying, mining and technical drawing assistants and technicians  
2621 Industrial and chemical assistants and technicians  
2622 Surveying, hydrology and geology assistants and technicians  
2623 Mining, metallurgical and petroleum assistants and technicians

2624 Assistants and technicians in civil engineering, construction and architecture  
2625 Technical draughtsmen  
263 Mechanics and technicians in the maintenance and repair of mechanical equipment, motor vehicles, industrial instruments and refrigeration equipment  
2630 Supervisors of mechanics and technicians in the maintenance and repair of mechanical equipment, motor vehicles, industrial instruments and refrigeration equipment  
2631 Technicians in the maintenance and repair of motor vehicles  
2632 Mechanics in the maintenance and repair of motor vehicles  
2633 Technicians in the maintenance and repair of industrial machinery and instruments  
2634 Mechanics in the maintenance and repair of industrial machinery and instruments  
2635 Technicians in the installation, repair and maintenance of refrigeration equipment, climate-control and air-conditioning units  
2636 Mechanics in the installation, maintenance and repair of refrigeration equipment, climate-control and air-conditioning units  
2637 Technicians in the maintenance and repair of precision and musical instruments  
2638 Mechanics in the maintenance and repair of precision and musical instruments  
2639 Other occupations of mechanics and technicians in the maintenance and repair of mechanical equipment, motor vehicles and industrial instruments, not elsewhere classified  
264 Electrical, electronics, telecommunications-equipment and electromechanical technicians  
2640 Supervisors of electrical, electronics, telecommunications-equipment and electromechanical technicians  
2641 Electrical technicians  
2642 Electricians and linesmen  
2643 Technicians in the installation and repair of electronic equipment, telecommunications and household appliances (except computer equipment)  
2644 Workers in the installation and repair of electronic equipment, telecommunications and household appliances (except computer equipment)  
2645 Technicians in the repair of electromechanical equipment  
2646 Workers in the repair of electromechanical equipment  
2649 Other electrical, electronics, telecommunications-equipment and electromechanical technicians, not elsewhere classified  
265 Assistants and technicians in computing and in communications and recording equipment  
2651 Technicians in the installation and repair of networks, equipment and computer systems  
2652 Technicians in radio-equipment operations  
2653 Assistants and technicians in video-recording and playback equipment  
2654 Assistants and technicians in audio, sound and lighting engineering  
2655 Photographers  
266 Air-traffic and other transport controllers  
2661 Air-traffic controllers  
2662 Traffic controllers in other transport modes (road, rail and maritime)

27 Educational assistants and technicians, instructors and trainers  
271 Educational assistants and technicians, instructors and trainers  
2711 Assistants and technicians in pedagogy and education  
2712 Instructors in artistic studies and training  
2713 Instructors in commercial and administrative studies and training  
2714 Foreign-language instructors  
2715 Instructors and trainers in trades and work skills  
2716 Physical-education and sports instructors

28 Nurses, medical technicians and health support workers  
281 Nurses and medical technicians  
2811 (Technical) nurses  
2812 Technicians in diagnostic equipment, medical treatment, chiropody and physiotherapy  
2813 Medical laboratory technicians  
2814 Pharmaceutical technicians and assistants  
2815 Medical and dental prosthesis technicians  
2816 Dietetic and nutrition technicians  
2817 Alternative-medicine technicians  
282 Health support workers  
2821 Nursing assistants and paramedics  
2822 Dental assistants and auxiliaries  
2823 Hospital and medical assistants  
2824 Midwives  
2825 Occupational safety and hygiene technicians  
2826 Healers, herbalists and traditional bone-setters  
2827 Fumigators and pest-control workers  
  
29 Other professionals and technicians not elsewhere classified  
299 Other professionals and technicians not elsewhere classified  
2991 Other professionals not elsewhere classified  
2992 Other technicians not elsewhere classified

### **3 Auxiliary workers in administrative activities**

31 Supervisors of administrative support staff, secretaries, data-entry clerks, cashiers and workers in file and transport control  
310 Supervisors of secretaries, data-entry clerks, cashiers and workers in file and transport control  
3101 Supervisors of secretaries, data-entry clerks, cashiers and workers in file and transport control  
311 Secretaries, stenographers, typists, data-entry clerks and office-machine operators  
3111 Secretaries  
3112 Stenographers, typists and similar workers  
3113 Data-entry clerks  
3114 Office-machine operators  
3115 General administrative support workers  
312 Cashiers, collectors and pay clerks  
3121 Cashiers, ticket clerks, betting-office clerks and similar workers  
3122 Collectors, pay clerks and moneylenders  
313 Filing, warehouse and storeroom-control workers  
3131 Filing and correspondence workers  
3132 Warehouse and storeroom-control workers  
314 Workers in transport-operation control  
3141 Transport despatchers  
3142 Transport checkers and inspectors  
  
32 Supervisors and workers who provide and handle information  
320 Supervisors of workers who provide and handle information  
3201 Supervisors of workers who provide and handle information  
321 Receptionists, information clerks and telephone operators

3211 Receptionists and information clerks (in person)  
3212 Information clerks by telephone (call-centre workers) and announcers  
3213 Telephone and telegraph operators  
322 Workers in travel agencies and tourist information  
3221 Travel-agency workers  
3222 Tourist guides in museums, casinos, parks, cinemas and other recreational centres  
323 Interviewers and coders  
3231 Interviewers  
3232 Information coders

39 Other auxiliary workers in administrative activities, not elsewhere classified  
399 Other auxiliary workers in administrative activities, not elsewhere classified  
3999 Other auxiliary workers in administrative activities, not elsewhere classified

#### **4 Traders, sales employees and sales agents**

41 Traders in establishments  
411 Traders in establishments  
4111 Traders in establishments

42 Sales employees in establishments  
420 Supervisors and persons in charge of sales of products and financial services  
4201 Supervisors and persons in charge of sales of products and financial services  
421 Sales employees and telephone salespersons  
4211 Sales employees, counter clerks and shop assistants  
4212 Shelf-stackers, stock arrangers and selectors of goods and vending-machine fillers  
4213 Telephone salespersons  
4214 Driver-salespersons  
422 Agents, sales representatives and catalogue sellers  
4221 Sales agents, representatives and commission agents  
4222 Insurance and financial-services agents (account executives)  
4223 Real-estate agents  
4224 Catalogue sellers  
423 Workers in sales promotion and models  
4231 Demonstrators and promoters  
4232 Hostesses  
4233 Fashion, art and advertising models

43 Rental-service workers  
430 Supervisors in rental services  
4301 Supervisors in rental services  
431 Rental-service workers  
4311 Workers in real-estate rental services  
4312 Workers in movable-goods rental services

49 Other traders, sales employees and sales agents in establishments, not elsewhere classified  
499 Other traders, sales employees and sales agents in establishments, not elsewhere classified  
4999 Other traders, sales employees and sales agents in establishments, not elsewhere classified

#### **5 Personal-service and security workers**

51 Workers in the preparation and service of food and beverages, and in recreation and hotel services

510 Supervisors in the preparation and service of food and beverages, and in recreation and hotel services

5101 Supervisors in the preparation and service of food and beverages, and in recreation and hotel services

511 Workers in the preparation and service of food and beverages in establishments

5111 Cooks

5112 Stallholders, vendors and food traders

5113 Domestic cooks

5114 Taco sellers and preparers of fast food, snacks, pizzas, hot dogs, juices, coffee, etc.

5115 Bartenders

5116 Waiters

5119 Other workers in the preparation and service of food and beverages in establishments

52 Personal-care and domestic workers

520 Supervisors and persons in charge of personal-care and domestic workers

5201 Supervisors and persons in charge of personal-care and domestic workers

521 Hairdressers, beauty workers and similar occupations

5211 Hairdressers, barbers, stylists and hairdressers (female stylists)

5212 Make-up artists, manicurists, pedicurists and tattooists

5213 Bath attendants and masseurs

522 Care workers

5221 Care workers for children, persons with disabilities and older persons in establishments

5222 Care workers for children, persons with disabilities and older persons in private households

523 Flight attendants

5231 Flight attendants

524 Gardeners

5241 Gardeners in establishments

5242 Gardeners in private households

525 Workers in other personal services

5251 Astrologers, fortune-tellers and related occupations

5252 Sex workers

5253 Funeral-service workers

5254 Animal trainers and occupations related to pet care

529 Other personal-service workers not elsewhere classified

5299 Other personal-service workers not elsewhere classified

53 Protection and security-service workers

530 Supervisors in protection and security services

5301 Supervisors in protection and security services

531 Protection and security-service workers

5311 Firefighters

5312 Police officers and traffic wardens

5313 Security guards in establishments

5314 Security guards and porters in private households

5319 Other protection and security-service workers

54 Navy, Army and Air Force workers

540 Supervisors in the Navy, Army and Air Force

5401 Supervisors in the Navy, Army and Air Force

541 Navy, Army and Air Force workers  
5411 Air Force workers  
5412 Navy workers  
5413 Army workers  
5419 Other Navy, Army and Air Force workers, not elsewhere classified

## **6 Agricultural, livestock, forestry, hunting and fishing workers**

61 Agricultural and livestock workers  
610 Agricultural supervisors, overseers and foremen  
6101 Agricultural supervisors, overseers and foremen  
611 Agricultural workers  
6111 Workers cultivating maize and/or beans  
6112 Workers cultivating vegetables and greens  
6113 Workers cultivating coffee, cocoa and tobacco  
6114 Workers cultivating fruit trees  
6115 Flower-growing workers  
6116 Workers in other agricultural crops  
6117 Workers in the processing of agricultural products  
6119 Other agricultural workers, not elsewhere classified  
612 Livestock and animal-rearing workers  
6121 Workers in cattle-raising  
6122 Workers in pig-rearing  
6123 Poultry-farming workers  
6124 Goat- and sheep-rearing workers  
6125 Horse-breeding workers  
6126 Beekeepers  
6127 Workers in the rearing and care of other types of animals  
6128 Workers in the processing of livestock products  
6129 Other livestock and animal-rearing workers, not elsewhere classified  
613 Workers combining agricultural and livestock activities  
6131 Workers combining agricultural and livestock activities  
  
62 Fishing, forestry, hunting and related workers  
620 Supervisors, overseers and foremen of fishing, aquaculture, forestry, hunting and related workers  
6201 Supervisors, overseers and foremen of fishing, aquaculture, forestry, hunting and related workers  
621 Fishing and aquaculture workers  
6211 Fishing-industry workers  
6212 Aquaculture workers  
6213 Workers in the processing of fishery or aquaculture products  
622 Forestry and silviculture workers  
6221 Loggers, fellers and similar workers  
6222 Rubber-tappers, chicle-tappers, resin collectors and similar workers  
6223 Nursery and greenhouse workers  
6224 Workers in planting, reforestation and forest-conservation activities  
6225 Firewood cutters  
6226 Workers in the collection of uncultivated plants, herbs and roots  
6227 Charcoal producers

623 Hunting and trapping workers and similar occupations  
6231 Workers in hunting, trapping and similar activities

63 Agricultural and forestry machinery operators  
631 Agricultural and forestry machinery operators  
6311 Agricultural and forestry machinery operators

69 Other agricultural, livestock, forestry, hunting and fishing workers, not elsewhere classified  
699 Other agricultural, livestock, forestry, hunting and fishing workers, not elsewhere classified  
6999 Other agricultural, livestock, forestry, hunting and fishing workers, not elsewhere classified

## **7 Craft workers, construction workers and other trades**

71 Extraction and building-construction workers  
710 Supervisors of extraction workers, bricklayers and finishing workers in construction  
7101 Supervisors of extraction workers, bricklayers and finishing workers in construction  
711 Extraction workers  
7111 Miners and extraction workers in metallic-mineral mines  
7112 Workers in quarrying and extraction of clay, sand, stone and gravel  
7113 Blasters and divers in well drilling and construction  
712 Bricklayers and other building-construction workers  
7121 Bricklayers, masons and related workers  
7122 Roofers (thatchers and similar)  
7123 Structural carpenters  
713 Plasterers, floor-layers, installers of air-conditioning, waterproofing, glass, etc., plumbers and painters  
7131 Plasterers, stucco workers and other ceiling and wall finishers  
7132 Floor, tile, mosaic and flagstone installers  
7133 Installers of insulation, waterproofing, glass and other materials  
7134 Plumbers and pipefitters  
7135 House-painting brush workers  
719 Other workers related to extraction and building construction, not elsewhere classified  
7199 Other workers related to extraction and building construction, not elsewhere classified

72 Craftspeople and workers in the treatment and manufacture of metal products  
720 Supervisors of craftspeople and workers in the treatment and manufacture of metal products  
7201 Supervisors of craftspeople and workers in the treatment and manufacture of metal products  
721 Moulders, welders, tinsmiths and metal painters  
7211 Moulders, turners and die-makers  
7212 Welders and gas-cutters  
7213 Tinsmiths, panel beaters, sheet-metal workers, coppersmiths and metal painters  
7214 Metal-structure assemblers  
722 Blacksmiths, locksmiths, jewellers and craftspeople in the manufacture of metal products  
7221 Blacksmiths, balcony-grille makers, aluminium workers and forgers  
7222 Locksmiths, sharpeners and metal and tool polishers  
7223 Jewellers, goldsmiths, silversmiths and precious-metal polishers  
729 Other workers related to the treatment and manufacture of metal products, not elsewhere classified  
7299 Other workers related to the treatment and manufacture of metal products, not elsewhere classified

73 Craftspeople and workers in the manufacture of wood, paper, textile, leather and hide products  
730 Supervisors of craftspeople and workers in the manufacture of wood, paper, textile, leather and hide products  
7301 Supervisors of craftspeople and workers in the manufacture of wood, paper, textile, leather and hide products  
731 Craftspeople and workers in the manufacture of wood products  
7311 Carpenters, cabinetmakers and planers in wood-product manufacture  
7312 Wood painters and varnishers  
7313 Craftspeople of wicker, reed, palm, cane, rattan and similar products, except wood  
732 Craftspeople and workers in the manufacture of paper, cardboard and printing products  
7321 Craftspeople and workers in the manufacture of paper and cardboard products  
7322 Printers, linotypists, photoengravers and bookbinders  
7323 Photographic developers and printers  
733 Workers in the preparation of textile fibres and textile weavers  
7331 Workers in the preparation of fibres and yarns  
7332 Textile weavers  
734 Craftspeople in the manufacture of textile, leather, hide and similar products  
7341 Tailors and dressmakers, seamstresses and makers of garments and clothing accessories in fabric, leather, hide and similar materials  
7342 Craftspeople and makers of textile, leather, hide and substitute-material products (except garments and footwear)  
7343 Embroiderers and drawn-thread workers  
7344 Pattern-makers of textile, leather, hide and similar products  
735 Upholsterers and workers in the treatment and manufacture of leather and hide products  
7351 Upholsterers  
7352 Furriers, cutters, tanners and dyers of leather, hide and similar materials  
7353 Artisan shoemakers  
739 Other workers related to the manufacture of wood, paper, textile, leather and hide products, not elsewhere classified  
7399 Other workers related to the manufacture of wood, paper, textile, leather and hide products, not elsewhere classified

74 Craftspeople and workers in the manufacture of rubber, plastics and chemical-substance products  
740 Supervisors of craftspeople and workers in the manufacture of rubber, plastics and chemical-substance products  
7401 Supervisors of craftspeople and workers in the manufacture of rubber, plastics and chemical-substance products  
741 Craftspeople and workers in the manufacture of rubber, plastics and chemical-substance products  
7411 Workers in the manufacture and repair of rubber, plastics products and tyre vulcanisation  
7412 Workers in the manufacture of chemical substances and products

75 Workers in the manufacture and processing of food, beverages and tobacco products  
750 Supervisors of workers in the manufacture and processing of food, beverages and tobacco products  
7501 Supervisors of workers in the manufacture and processing of food, beverages and tobacco products  
751 Workers in the manufacture and processing of food, beverages and tobacco products

7511 Workers in the manufacture of meat, fish and related products  
7512 Workers in the manufacture of dairy products  
7513 Workers in the manufacture of bread, tortillas, pastries and other cereal- and flour-based products  
7514 Workers in the manufacture of products based on fruit, vegetables and pulses  
7515 Workers in the manufacture of products based on sugar, chocolate and confectionery  
7516 Workers in the manufacture of oils, fats, salt and spices  
7517 Workers in the manufacture of alcoholic and non-alcoholic beverages  
7518 Workers in the manufacture of tobacco products  
759 Other workers related to the manufacture and processing of food, beverages and tobacco products, not elsewhere classified  
7599 Other workers related to the manufacture and processing of food, beverages and tobacco products, not elsewhere classified

76 Craftspeople and workers in the manufacture of ceramic, glass, tile and similar products  
760 Supervisors of craftspeople and workers in the manufacture of ceramic, glass, tile and similar products  
7601 Supervisors of craftspeople and workers in the manufacture of ceramic, glass, tile and similar products  
761 Craftspeople and workers in the manufacture of ceramic, glass, tile and similar products  
7611 Potters and ceramic workers  
7612 Workers in the manufacture of cement, lime, plaster, tile, stone and bricks  
7613 Glass and related-product workers  
7614 Workers in the manufacture of bone, shell, coral and similar products  
79 Other craft workers not elsewhere classified  
799 Other craft workers not elsewhere classified  
7999 Other craft workers not elsewhere classified

## **8 Industrial machinery operators, assemblers, drivers and transport operators**

81 Industrial plant and machinery operators  
810 Supervisors of industrial-machinery operators  
8101 Supervisors of industrial-machinery operators  
811 Operators of machinery and equipment for extraction in mines, quarries and wells  
8111 Operators of machinery and equipment for extraction and processing in mines and quarries  
8112 Operators of machinery and equipment for extraction in oil wells  
8113 Operators of machinery and equipment for water capture, pumping and distribution  
8114 Operators of specialised portable equipment for construction  
812 Operators of machinery and equipment in metallurgical manufacturing, machinery and metal-product manufacture  
8121 Operators of metallurgical furnaces, pourers and rolling-mill operators and operators of metal drawing and stretching machines  
8122 Operators of metal polishing, galvanising and coating machines  
8123 Operators of machines that cut, drill, bend, stamp, weld, etc., metal pieces and products  
813 Operators of machinery and equipment in the manufacture of chemical products, plastics, water treatment and petrochemicals  
8131 Operators of machinery for the manufacture of chemical products  
8132 Operators of machinery for the manufacture of pharmaceutical and cosmetic products  
8133 Operators of machinery for the manufacture and assembly of plastic and rubber products  
8134 Operators of machinery for water treatment  
8135 Operators of machinery and equipment for oil and gas refining

814 Operators of machinery for wood and paper  
8141 Operators of machinery for wood treatment and the manufacture of particleboard and plywood  
8142 Operators of machinery for the manufacture of wood, wicker, rattan and similar products  
8143 Operators of machinery in the manufacture of cellulose, paper and similar products  
8144 Operators of machinery for printing and bookbinding  
8145 Operators of machinery for the manufacture of paper and cardboard-based products  
815 Operators of machinery and equipment in the manufacture of textile, leather and hide products  
8151 Operators of machinery and equipment for spinning and winding natural and synthetic textile fibres  
8152 Operators of machinery for producing knitted fabrics, cloth and carpets  
8153 Operators of sewing, embroidery and cutting machines for the manufacture of textile products and garments  
8154 Operators of machines in the treatment of leather and hide for the manufacture of footwear and other leather or hide products  
8155 Operators of washing, bleaching, dyeing, printing, raising, ironing and finishing machines for textile products  
816 Operators of machinery in the manufacture of food, beverages and tobacco  
8161 Operators of machinery in the manufacture of food, oils, fats, salt and spices  
8162 Operators of machinery in the manufacture of tobacco  
8163 Operators of machinery in the manufacture of alcoholic and non-alcoholic beverages  
817 Operators of machinery in the manufacture of cement, ceramic, glass and similar products  
8171 Operators of machinery in the manufacture of cement, lime, plaster and cement products  
8172 Operators of machinery in the manufacture of ceramic, mosaic, tile and similar products  
8173 Operators of machinery in the manufacture of glass and glass products and similar  
818 Operators of machinery for power generation  
8181 Operators of machinery and facilities for power generation  
819 Other industrial plant and fixed-machinery operators, not elsewhere classified  
8199 Other industrial plant and fixed-machinery operators, not elsewhere classified

82 Assemblers and fitters of tools, machinery, metal and electronic products  
820 Supervisors in assembly and fitting processes for machinery, tools and metal, electrical and electronic products  
8201 Supervisors in assembly and fitting processes for machinery, tools and metal, electrical and electronic products  
821 Assemblers and fitters of tools, machinery, metal and electronic products  
8211 Assemblers and fitters of tools, machinery, equipment and metal products  
8212 Assemblers and fitters of electrical and electronic components

83 Transport and mobile-machinery drivers  
830 Supervisors of transport and mobile-machinery drivers  
8301 Supervisors of transport and mobile-machinery drivers  
831 Air-transport drivers  
8311 Aircraft pilots  
832 Maritime-transport drivers  
8321 Captains and maritime-transport drivers  
8322 Deck officers, seamen and pilots  
8323 Marine-engineering officers in maritime transport  
8324 Operators of small vessels (launches, boats, trajineras, etc.)  
833 Rail-transport drivers

8331 Rail-transport drivers (trains, underground and light rail)  
834 Motor-vehicle drivers  
8341 Drivers of lorries, vans and freight vehicles  
8342 Drivers of buses, lorries, vans, taxis and passenger cars  
8343 Private-household drivers  
8344 Motorcycle drivers  
8349 Other motor-vehicle drivers not elsewhere classified  
835 Mobile-machinery drivers  
8351 Mobile-machinery drivers for construction and mining  
8352 Mobile-machinery drivers for moving goods in factories, ports, shops, etc.

89 Other industrial-machinery operators, assemblers and transport drivers, not elsewhere classified  
899 Other industrial-machinery operators, assemblers and transport drivers, not elsewhere classified  
8999 Other industrial-machinery operators, assemblers and transport drivers, not elsewhere classified

## **9 Elementary and support workers**

91 Support workers in agricultural, forestry, fishing and hunting activities  
911 Support workers in agricultural activities  
9111 Support workers in agricultural activities  
9112 Support workers in livestock activities  
9113 Support workers carrying out both agricultural and livestock activities  
912 Support workers in forestry, fishing and hunting activities  
9121 Support workers in silviculture and forestry  
9122 Support workers in aquaculture and fishing activities  
9123 Support workers in hunting and capture activities  
9124 Firewood collectors and water carriers  
  
92 Support workers in mining, construction and industry  
921 Support workers in mining and extraction  
9211 Support workers in mining  
9212 Support workers in oil, gas and water extraction  
9213 Assistants to blasters and divers in well drilling and construction  
922 Support workers in construction and plumbing  
9221 Support workers in construction  
9222 Support workers in plumbing and pipe installation  
923 Support workers in industry  
9231 Support workers in the manufacture, repair and mechanical maintenance of equipment, machinery and metal and precision products  
9232 Support workers in the electrical, electronics and communications industries  
9233 Support workers in the chemical, petrochemical, water-treatment and plastics industries  
9234 Support workers in the wood, paper and cardboard industries  
9235 Support workers in the textile and footwear industries  
9236 Support workers in the food, beverage and tobacco industries  
9237 Support workers in the ceramic, glass and related industries  
9239 Support workers in industry, not elsewhere classified

93 Assistants to transport drivers, human- and animal-drawn transport drivers, and loaders

931 Assistants to transport drivers

9311 Assistants to motor-vehicle and mobile-machinery drivers

9312 Assistants to rail-transport drivers

932 Bicycle and animal-drawn transport drivers

9321 Bicycle-transport drivers

9322 Animal-drawn-transport drivers

933 Loaders

9331 Loaders

9332 Tipped-income loaders (working for tips)

94 Food-preparation assistants

941 Food-preparation assistants

9411 Food-preparation assistants

95 Street vendors

951 Street vendors (excluding food vendors)

9511 Street vendors of newspapers and lottery tickets

9512 Street vendors of miscellaneous goods (excluding food vendors)

952 Food street vendors

9521 Food preparers and street vendors

959 Other street vendors not elsewhere classified

9599 Other street vendors not elsewhere classified

96 Domestic workers, cleaners, ironers and other cleaning workers

960 Supervisors in cleaning, housekeepers, butlers and car-park attendants

9601 Supervisors in cleaning, housekeepers, butlers and car-park attendants

961 Domestic workers

9611 Domestic workers

962 Cleaning workers, room attendants, hall porters and shoe cleaners

9621 Street sweepers and cleaning workers (except in hotels and restaurants)

9622 Room attendants and chambermaids

9623 Hotel and restaurant porters

9624 Shoe cleaners

963 Vehicle washers and caretakers

9631 Vehicle washers in establishments

9632 Vehicle washers in public streets

9633 Car-park attendants and car parkers in parking facilities

9634 Car watchers in public streets

964 Laundry workers and ironers

9641 Laundry workers in establishments

9642 Ironers and dry-cleaning workers in establishments

9643 Domestic laundry workers and ironers

965 Gardener's assistants

9651 Gardener's assistants

966 Waste, recyclable-material and other materials collectors

9661 Rubbish and recyclable-material collectors

9662 Waste sorters

9663 Hazardous-waste collectors

9664 Collectors of other materials

97 Parcel workers, event-support workers, messengers and goods delivery workers

971 Parcel, packing and event-support workers

9711 Parcel workers, porters and hotel bellboys

9712 Packers of objects and goods

9713 Support workers for shows, sports events and amusement parks

972 Messaging and goods delivery workers (on foot or by bicycle)

9721 Postmen/postwomen (on foot or by bicycle)

9722 Messengers (on foot or by bicycle) and errand runners

9723 Goods delivery workers (on foot or by bicycle)

973 Meter readers, money collectors and lift operators

9731 Meter readers

9732 Money collectors

9733 Lift and elevator operators

98 Other elementary and support workers, not elsewhere classified

989 Other elementary and support workers, not elsewhere classified

9899 Other elementary and support workers, not elsewhere classified

99 Unspecified occupations

999 Unspecified occupations

9999 Unspecified occupations