



UNIONCAMERE

## EXCELSIOR INFORMA

### COMPANY EMPLOYMENT SCHEMES OBTAINED FROM THE CHAMBER OF COMMERCE SYSTEM



Year 2022

#### SUMMARY

|   |         |
|---|---------|
| <i>Inflow expected in 2022: business areas and business sectors</i> | page 2  |
| <i>Main characteristics of expected inflow by business sector</i>   | page 3  |
| <i>Main characteristics of expected inflow by profession</i>        | page 4  |
| <i>Main characteristics of expected inflow by age group</i>         | page 9  |
| <i>Fields of study that offer the greatest job opportunities</i>    | page 10 |
| <i>Skills required based on qualification</i>                       | page 11 |
| <i>Companies hiring</i>   | page 12 |
| <i>Recruitment channels used by companies</i>                       | page 12 |
| <i>Companies investing in digital transformation</i>                | page 13 |
| <i>Ongoing training and school/work connection</i>                  | page 14 |
| <i>Inflow in the various regions</i>                                | page 15 |

The international problems of a political and economic nature linked to the conflict in Ukraine do not so far seem to have had a negative impact on the 2022 employment requirements forecast by private industrial and services companies operating in Italy. Among the companies with employees, those that have planned to hire are 60% of the total, a percentage substantially in line with that recorded last year. On the other hand, we notice significant growth in expected inflow of workers into companies - with any form of contract - passing from 4.6 million units in 2021 to around 5.2 million in the current year (an increase of about 11%). While the propensity of companies to resort to young workers remains almost unchanged, a significant increase in their difficulty in recruiting the profiles they are seeking emerges, concerning 41% of inflow (compared to 32% last year). In almost two out of three cases, the expected recruiting problems appear to come from a scarce presence of people available and only in one out of three cases it can be attributed to an inadequate skill-set of candidates or to other reasons.



COMPANIES  
HIRING

2022 784,560



OUT OF ALL  
COMPANIES  
WITH  
EMPLOYEES

60%



EXPECTED INFLOW

5,179,140



YOUNG  
PEOPLE

29%



DIFFICULTY IN  
RECRUITING

41%

2021 776,590

61%

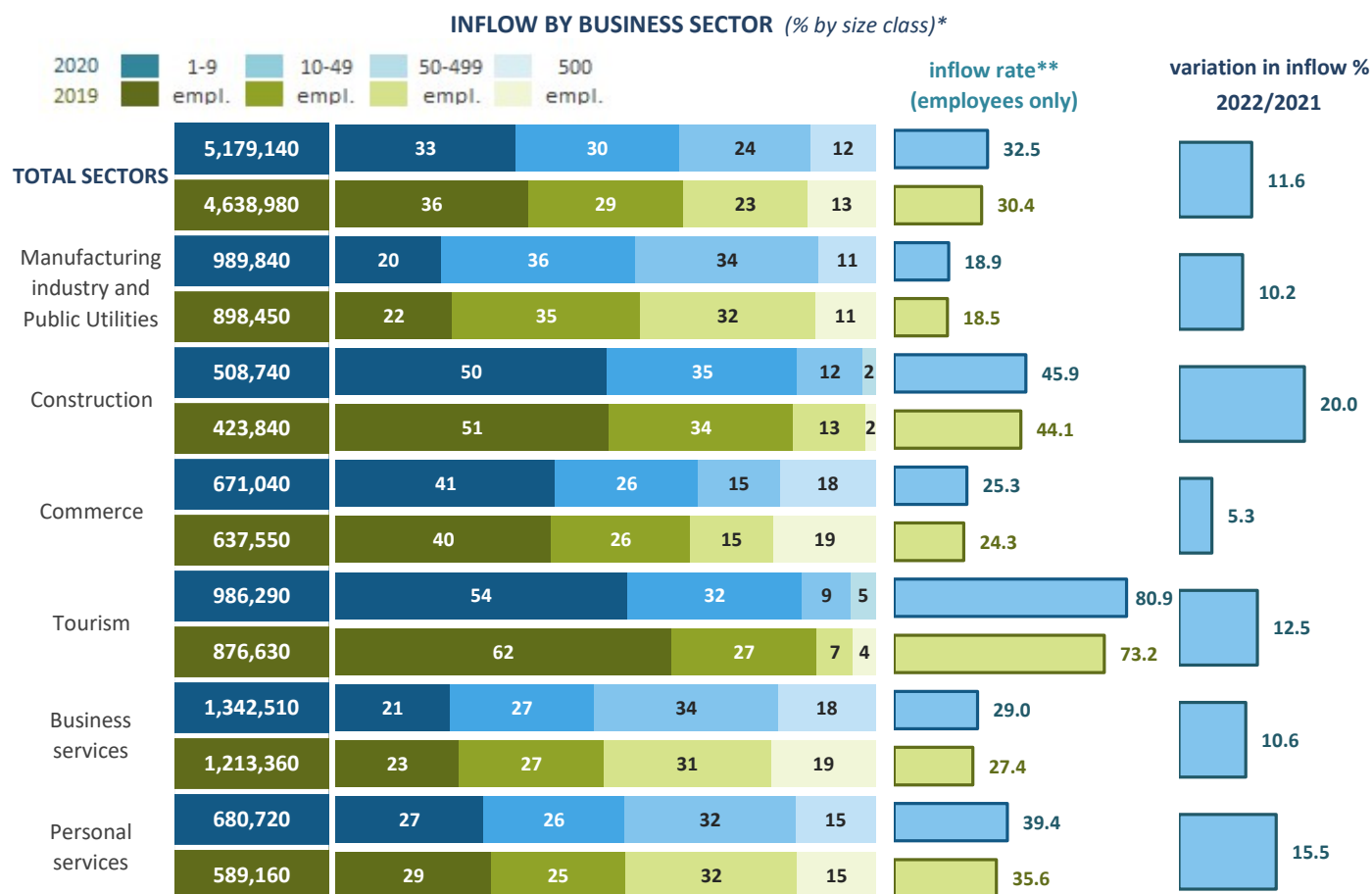
4,638,980

28%

32%

## INFLOW EXPECTED IN 2022: BUSINESS AREAS AND BUSINESS SECTORS

|  | BUSINESS AREAS   | 2022             |             |              | 2021        |              |
|--|--|------------------|-------------|--------------|-------------|--------------|
|  |  | INFLOW (*)       | % inflow    | % diff. rec. | % inflow    | % diff. rec. |
| <b>TOTAL</b>                                       |  | <b>5,179,140</b> | <b>100</b>  | <b>41</b>    | <b>100</b>  | <b>32</b>    |
| Direction and General services areas               |  | <b>239,630</b>   | <b>4.6</b>  | <b>43</b>    | <b>4.1</b>  | <b>34</b>    |
| 1  | General management and human resources                 | 28,550           | 0.6         | 35           | 0.6         | 23           |
| 2  | Secretariat, staff and general services                | 95,540           | 1.8         | 25           | 1.9         | 17           |
| 3  | Information systems                                    | 115,540          | 2.2         | 61           | 1.6         | 57           |
| Administrative areas                               |  | <b>259,770</b>   | <b>5.0</b>  | <b>36</b>    | <b>4.5</b>  | <b>20</b>    |
| 1  | Administration, legal                                  | 106,470          | 2.1         | 40           | 1.6         | 18           |
| 2  | Accounting, management control, finance                | 153,300          | 3.0         | 33           | 2.9         | 22           |
| Technical and planning areas                       |  | <b>688,630</b>   | <b>13.3</b> | <b>53</b>    | <b>13.4</b> | <b>44</b>    |
| 1  | Planning and research and development                  | 165,950          | 3.2         | 56           | 2.7         | 47           |
| 2  | Installation and maintenance                           | 430,350          | 8.3         | 56           | 8.6         | 48           |
| 3  | Certification, quality control, safety, environment    | 92,340           | 1.8         | 30           | 2.1         | 27           |
| Production of goods and provision of services area |  | <b>2,439,470</b> | <b>47.1</b> | <b>42</b>    | <b>46.7</b> | <b>32</b>    |
| Commercial and sales areas                         |  | <b>885,700</b>   | <b>17.1</b> | <b>32</b>    | <b>19.4</b> | <b>28</b>    |
| 1  | Sales  | 565,080          | 10.9        | 34           | 12.7        | 27           |
| 2  | Marketing, commercial, communication, public relations | 120,150          | 2.3         | 40           | 2.8         | 37           |
| 3  | Customer assistance                                    | 200,470          | 3.9         | 24           | 4.0         | 24           |
| Logistics areas                                    |  | <b>665,940</b>   | <b>12.9</b> | <b>35</b>    | <b>11.8</b> | <b>29</b>    |
| 1  | Purchasing and internal handling of goods              | 173,790          | 3.4         | 26           | 2.8         | 17           |
| 2  | Transportation and distribution                        | 492,140          | 9.5         | 38           | 8.9         | 32           |



\* Activation of contracts for employees and non-employees (with a duration > 20 days) planned by companies with employees.

\*\* The inflow rate is calculated as the ratio between the expected new employees and the number of existing employees for companies in the sector.

## MAIN CHARACTERISTICS OF EXPECTED INFLOW BY BUSINESS SECTOR



### DIFFICULTY IN RECRUITING

for lack of candidates  
due to inadequate skill set  
for other reasons

**41%**  
**25%**  
**12%**  
**4%**



### EXPERIENCE

in the profession  
in the sector  
non requested

**67%**  
**24%**  
**43%**  
**33%**



### GENDER

female  
male  
equally suitable

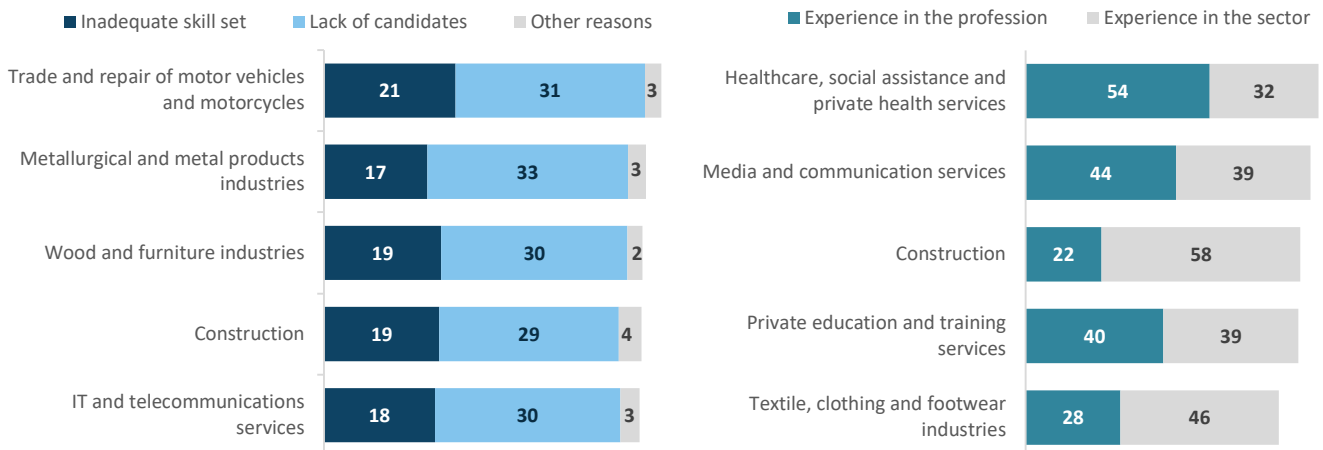
**18%**  
**33%**  
**49%**

At the sectoral level, there are critical issues in the link between demand and supply of labour especially for five sectors, for which the difficulty in recruiting regards more than half of the figures requested: trade and repair of vehicles (55%), metallurgical and metal products industries (53%), wood and furniture industries, construction, IT and telecommunications services (all three with percentages around 52%). Difficulties in recruiting are mainly due to a scarce presence of candidates while less frequently the cause is insufficient skill-set of the people interested in joining the company. The sectors that require a higher level of experience are, however, healthcare-welfare (experience is required for 86% of inflow) and media and communications services (83%). Experience should preferably be obtained in the profession to be performed rather than only in the sector. 18% of inflow involves immigrant personnel, with higher shares in business operational services (30%), transport/logistics (29%) and social and healthcare services (23%).

### THE MAIN SECTORS...

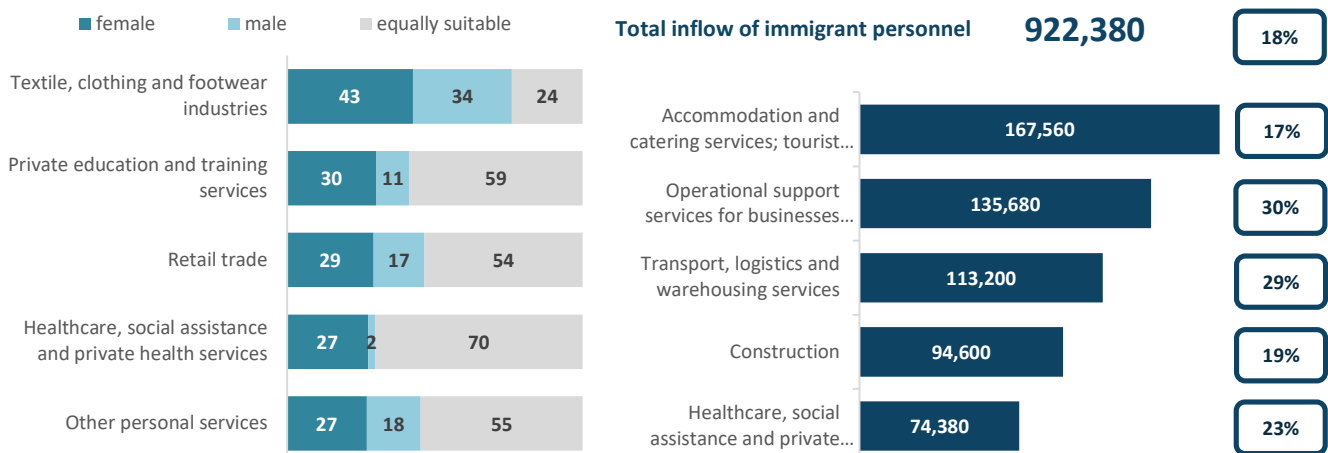
...WITH THE GREATEST DIFFICULTY IN RECRUITING (%)

...IN WHICH SPECIFIC EXPERIENCE IS MOST OFTEN REQUIRED (%)



...IN WHICH STAFF IS SOUGHT BY GENDER (%)

... WITH GREATER INFLOW OF IMMIGRANT PERSONNEL  
(a.v. and % of total inflow in the sector)



% share of difficult to recruit/experienced/gender-specific new hires out of each sector's total inflow. The sectors are presented in descending order with respect to the variable indicated in the graph.

## MAIN CHARACTERISTICS OF EXPECTED INFLOW BY PROFESSION

### TOTAL INFLOW AND RELATIVE DIFFICULTY IN RECRUITING AND AVERAGE SEARCH TIME

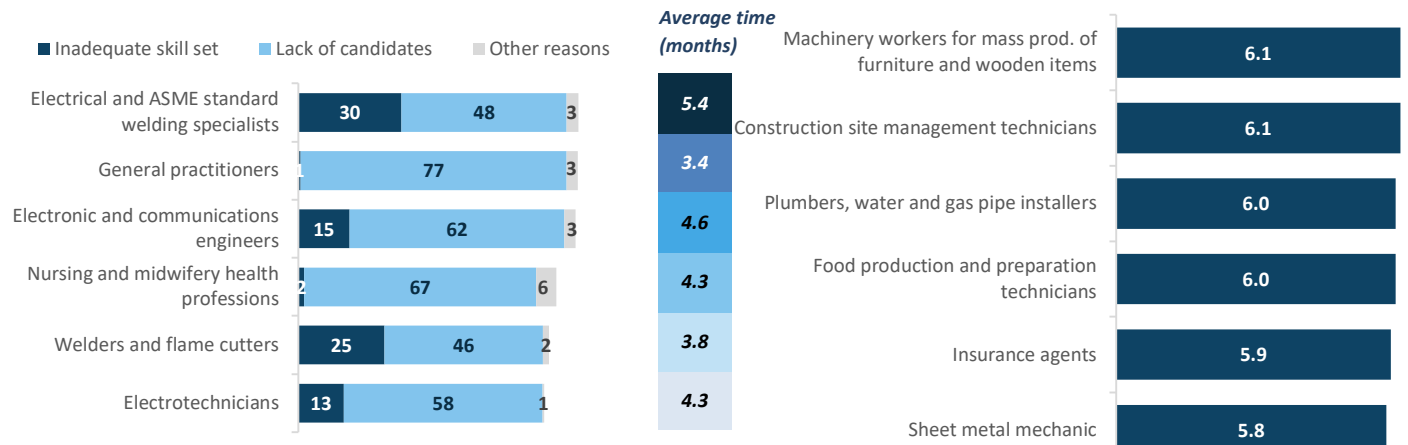
| Profession  | Total inflow     | diff. rec. % | Average time (months) |
|---|------------------|--------------|-----------------------|
| Specialised labourers   | 758,650          | 55.4         | 4.7                   |
| Technical professions   | 698,690          | 48.7         | 3.9                   |
| Managers, intellectual, scientific and highly-specialised professions | 350,870          | 47.5         | 3.7                   |
| Plant operators and stationary and mobile machinery operators         | 710,120          | 43.2         | 3.4                   |
| Skilled professions in commercial activities and services             | 1,418,840        | 37.9         | 2.8                   |
| Impiegati   | 430,490          | 28.9         | 3.2                   |
| Unskilled professions   | 811,470          | 25.0         | 2.4                   |
| <b>Total inflow</b>   | <b>5,179,140</b> | <b>40.5</b>  | <b>3.3</b>            |

The professional group for which the greatest difficulty in recruiting is expected, is that of skilled labourers, difficulties affecting 55% of planned inflow. Consequently, companies take an average of almost 5 months before being able to find the candidate with the required characteristics. Particularly high difficulties in recruiting, around 48-49%, also regard high-profile groups, i.e. technicians and managers/specialists, for whom the average search time required by companies is just under 4 months. When going deeper into the details of the individual professions, however, it emerges that in some cases the search time required by companies reaches or exceeds 6 months: food and construction technicians, among the technical figures; furniture production workers and plumbers, among the labourers.

### THE MAIN PROFESSIONS...

...FOR WHICH INFLOW IS DIFFICULT TO RECRUIT (%)

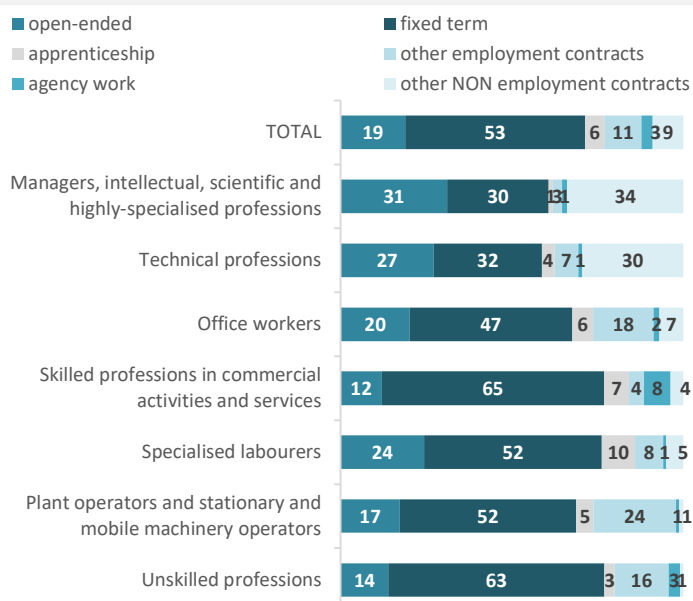
...WITH GREATER AVERAGE SEARCH TIME (months)



% Share of inflow of workers difficult to recruit against total inflow of each profession. The professions indicated in the bulletin refer to the "groups" (four-digit codes) used in the ISTAT 2011 classification of professions. It should be noted that the main professions are those with an expected inflow of at least 4000 workers.

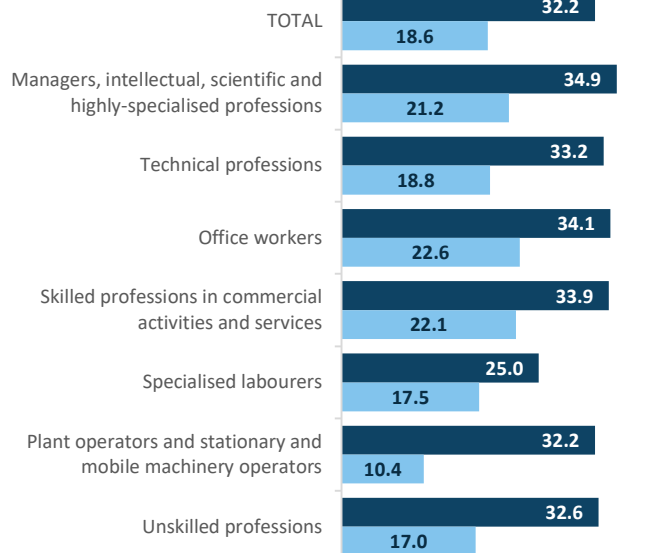
### CONTRACTS BY LARGE PROFESSIONAL GROUP (%)

### INFLOW REPLACING OUTGOING PERSONNEL AND NEW FIGURES BY LARGE PROFESSIONAL GROUP (%)



As a replacement for outgoing personnel

New professional figures

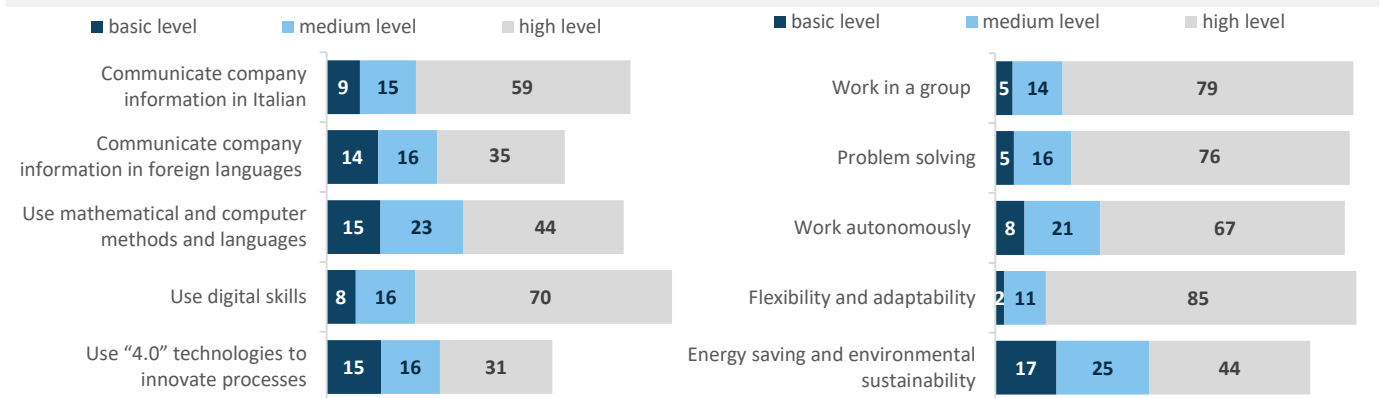


# MANAGERS, HIGHLY SPECIALISED PROFESSIONS AND TECHNICIANS

**1,049,560**  
inflow

The demand for skills is **particularly** high for managerial, specialist and technical figures and various skills, especially transversal ones, are required for almost all inflow. The demand for digital skills also stands out, at 95%, while demand for "green" skills is at 68%. On the other hand, companies seem to place less importance on the ability to communicate in foreign languages and on the application of "4.0" technologies for process innovation; however, the latter is typical of the figures working in the industrial sector.

## "KEY" SKILLS BASED ON THE REQUIRED LEVEL (%)



## MAIN CHARACTERISTICS OF THE PROFESSIONS MOST IN DEMAND (%)

| Code - Profession                                 | INFLOW (A.V.) | young people under 30 | with experience | female gender | new figures | Average time (months) |
|---|---------------|-----------------------|-----------------|---------------|-------------|-----------------------|
| 3334-Sales and distribution technicians           | 93,300        | 18.5                  | 74.7            | 16.8          | 22.0        | 3.9                   |
| 3212-Rehabilitation health professions            | 69,190        | 29.2                  | 92.8            | 20.7          | 7.2         | 2.7                   |
| 3312-Accounting and similar professions           | 55,490        | 27.8                  | 74.2            | 23.8          | 24.1        | 3.6                   |
| 3211-Nursing and midwifery health professions     | 52,330        | 19.5                  | 89.3            | 8.9           | 2.5         | 4.3                   |
| 3121-Technical programmers                        | 43,360        | 41.0                  | 87.0            | -             | 12.9        | 4.6                   |
| 2114-Software analysts and designers              | 37,120        | 27.2                  | 91.1            | 1.4           | 15.1        | 4.0                   |
| 3122-Technical experts in applications            | 35,120        | 58.2                  | 63.8            | 5.7           | 11.2        | 4.0                   |
| 3422-Teachers in the field of vocational training | 34,280        | 7.4                   | 90.1            | 5.3           | 20.1        | 2.8                   |
| 3346-Sales representatives                        | 27,340        | 14.3                  | 87.4            | 5.8           | 23.5        | 4.1                   |
| 2217-Industrial and management engineers          | 25,780        | 15.5                  | 92.0            | 9.9           | 34.8        | 4.2                   |
| 3152-Building site management technicians         | 25,780        | 14.2                  | 94.8            | -             | 36.5        | 6.1                   |
| 2515-Market relations specialists                 | 22,830        | 14.7                  | 86.6            | 12.6          | 30.7        | 3.8                   |

## THE MOST DIFFICULT PROFESSIONS TO RECRUIT BY MAIN REASONS (%)

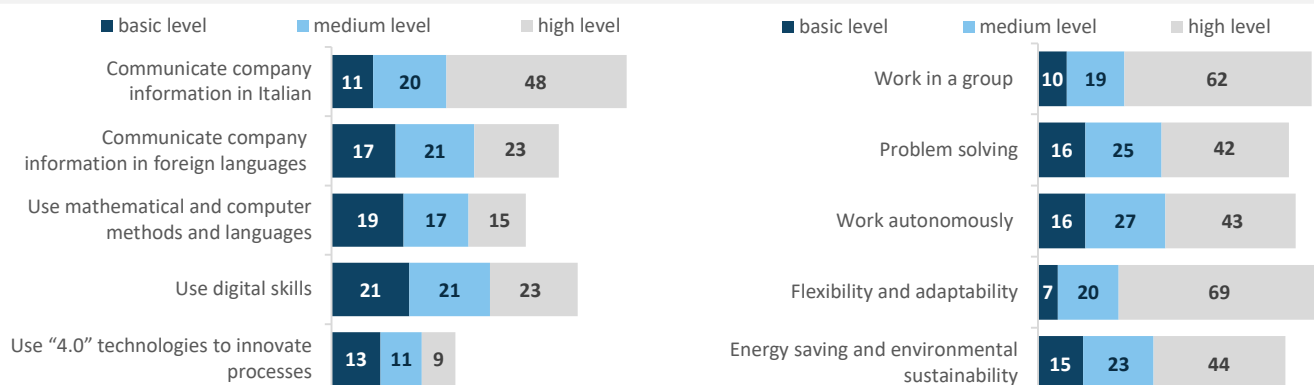
| Code - Profession                             | INFLOW | of which DIFFICULT TO RECRUIT | Inadequate skill set (%) | Lack of candidates (%) | Other reasons (%) | average search time (months) |
|---|--------|-------------------------------|--------------------------|------------------------|-------------------|------------------------------|
| 3334-Sales and distribution technicians       | 93,300 | 39,590                        | 17                       | 22                     | 3                 | 3.9                          |
| 3211-Nursing and midwifery health professions | 52,330 | 39,210                        | 2                        | 67                     | 6                 | 4.3                          |
| 3212-Rehabilitation health professions        | 69,190 | 32,730                        | 9                        | 35                     | 3                 | 2.7                          |
| 3121-Technical programmers                    | 43,360 | 26,510                        | 13                       | 45                     | 3                 | 4.6                          |
| 2114-Software analysts and designers          | 37,120 | 23,960                        | 16                       | 41                     | 8                 | 4.0                          |
| 3312-Accounting and similar professions       | 55,490 | 19,370                        | 15                       | 20                     | 0                 | 3.6                          |
| 3122-Technical experts in applications        | 35,120 | 16,480                        | 20                       | 24                     | 2                 | 4.0                          |

# OFFICE WORKERS, COMMERCIAL PROFESSIONS AND SERVICES

**1,849,330**  
inflow

Also for the intermediate professional figures, transversal skills are considered necessary for the vast majority of inflow, in particular flexibility and the ability to work in a team (required in over 90% of cases). For various professions in this group, the demand for young people under 30 is over 40%. Among these, that of hairstylists stands out, with almost two thirds of demand for young people particularly difficult to find and companies need more than 4 months to find a candidate who possesses the characteristics sought.

## "KEY" SKILLS BASED ON THE REQUIRED LEVEL (%)



## MAIN CHARACTERISTICS OF THE PROFESSIONS MOST IN DEMAND (%)

| Code - Profession   | INFLOW (A.V.) | young people under 30 | with experience | female gender | new figures | Average time (months) |
|---|---------------|-----------------------|-----------------|---------------|-------------|-----------------------|
| 5223-Waiters and similar professions                                      | 365,820       | 46.7                  | 68.8            | 20.1          | 25.5        | 2.9                   |
| 5122-Retail sales clerks  | 357,260       | 46.3                  | 60.1            | 33.5          | 14.7        | 2.2                   |
| 5221-Hotel and restaurant chefs   | 211,600       | 23.5                  | 84.4            | 9.4           | 34.4        | 3.7                   |
| 4112-Administration and back-office employees                             | 148,390       | 23.0                  | 63.7            | 40.4          | 23.8        | 3.7                   |
| 5224-Baristas and similar professions                                     | 145,880       | 53.8                  | 59.0            | 34.1          | 31.0        | 2.9                   |
| 5311-Qualified professions in health and social services                  | 80,890        | 12.2                  | 82.9            | 27.2          | 2.3         | 2.2                   |
| 4221-Reception an information clerks in companies and public institutions | 55,290        | 45.5                  | 37.7            | 35.0          | 27.4        | 2.9                   |
| 5222-Food preparation, cooking and distribution workers                   | 54,340        | 35.6                  | 58.9            | 27.7          | 12.7        | 1.9                   |
| 4111-Secretarial staff  | 48,490        | 35.7                  | 56.6            | 63.1          | 33.0        | 3.2                   |
| 5431-Hairstylists   | 43,270        | 64.6                  | 63.8            | 38.3          | 28.0        | 4.4                   |
| 5443-Personal care workers  | 40,890        | 13.1                  | 87.1            | 39.6          | 6.2         | 2.1                   |
| 4222-Accommodation and catering services reception staff                  | 38,020        | 28.3                  | 84.4            | 26.5          | 24.6        | 3.2                   |

## THE MOST DIFFICULT PROFESSIONS TO RECRUIT BY MAIN REASONS (%)

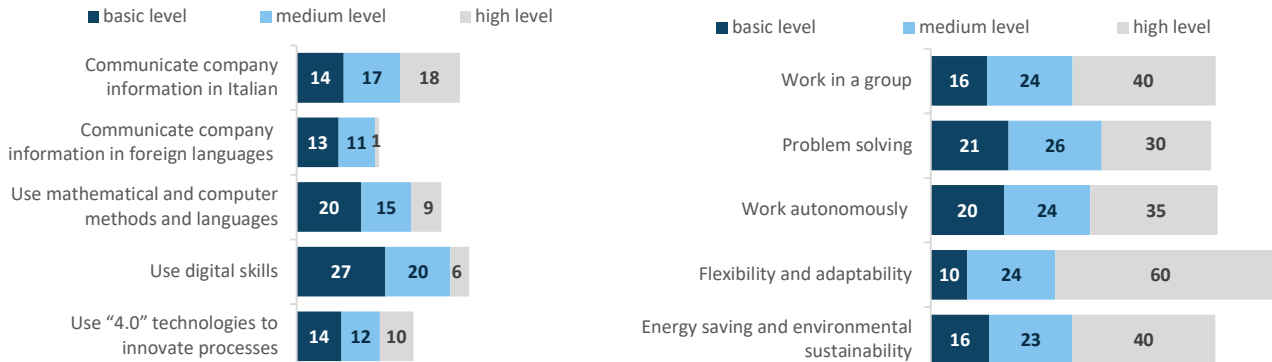
| Code - Profession  | INFLOW  | of which DIFFICULT TO RECRUIT | Inadequate skill set | Lack of candidates | Other reasons | average search time (months) |
|--|---------|-------------------------------|----------------------|--------------------|---------------|------------------------------|
| 5223-Waiters and similar professions                     | 365,820 | 162,440                       | 11                   | 29                 | 5             | 2.9                          |
| 5221-Hotel and restaurant chefs                          | 211,600 | 98,260                        | 13                   | 30                 | 3             | 3.7                          |
| 5122-Retail sales clerks                                 | 357,260 | 97,070                        | 10                   | 14                 | 3             | 2.2                          |
| 5224-Baristas and similar professions                    | 145,880 | 51,990                        | 11                   | 19                 | 5             | 2.9                          |
| 4112-Administration and back-office employees            | 148,390 | 49,620                        | 19                   | 14                 | 1             | 3.7                          |
| 5311-Qualified professions in health and social services | 80,890  | 37,430                        | 7                    | 37                 | 3             | 2.2                          |
| 5431-Hairstylists  | 43,270  | 21,740                        | 22                   | 25                 | 3             | 4.4                          |

## SPECIALISED LABOURERS, PLANT AND MACHINE OPERATORS

**1,468,780**  
inflow

Even for labourer profiles, companies consider transversal skills to be decidedly important, especially flexibility and the ability to adapt (required for 95% of inflow). For these profiles, the share of "new" figures is limited, except for bricklayers and electricians. Search times of about 6 months for plumbers and electricians.

### "KEY" SKILLS BASED ON THE REQUIRED LEVEL (%)



### MAIN CHARACTERISTICS OF THE PROFESSIONS MOST IN DEMAND (%)

| Code - Profession   | INFLOW (A.V.) | young people under 30 | with experience | female gender | new figures | Average time (months) |
|---|---------------|-----------------------|-----------------|---------------|-------------|-----------------------|
| 7423-Heavy vehicle and truck drivers  | 199,390       | 6.6                   | 88.5            | -             | 12.1        | 3.4                   |
| 6121-Stone, brick, fire-brick masons  | 182,790       | 17.0                  | 85.7            | -             | 23.4        | 4.3                   |
| 7421-Taxi drivers, and drivers of cars, vans and other vehicles             | 77,900        | 21.4                  | 48.2            | 1.2           | 12.3        | 2.8                   |
| 6137-Electricians in civil construction and similar professions             | 77,250        | 36.8                  | 76.5            | -             | 19.7        | 5.6                   |
| 7444-Forklift drivers   | 56,670        | 24.2                  | 51.0            | 1.5           | 5.7         | 3.2                   |
| 7211-Operators of automatic and semi-automatic industrial machine tools     | 54,180        | 47.3                  | 59.3            | 3.4           | 4.8         | 5.4                   |
| 6233-Industrial machinery mechanics and fitters and similar professions     | 54,060        | 29.2                  | 74.9            | -             | 10.1        | 4.6                   |
| 7281-Workers assigned to industrial product packaging machines              | 52,000        | 23.9                  | 34.8            | 35.2          | 10.4        | 1.8                   |
| 6214-Metal structure fitters  | 39,200        | 28.0                  | 77.8            | -             | 12.5        | 5.2                   |
| 6223-Machine toolmakers and similar professions                             | 39,040        | 42.3                  | 64.7            | 1.5           | 10.0        | 5.0                   |
| 6241-Installers and repairers of electrical and electromechanical equipment | 38,880        | 36.3                  | 74.4            | 2.1           | 10.7        | 4.8                   |
| 6136-Plumbers and water and gas pipe installers                             | 36,580        | 38.1                  | 69.8            | -             | 17.0        | 6.0                   |

### THE MOST DIFFICULT PROFESSIONS TO RECRUIT BY MAIN REASONS (%)

|   | INFLOW  | of which DIFFICULT TO RECRUIT | Inadequate skill set | Lack of candidates | Other reasons | average search time (months) |
|---|---------|-------------------------------|----------------------|--------------------|---------------|------------------------------|
| 7423-Heavy vehicle and truck drivers  | 199,390 | 111,520                       | 13                   | 39                 | 4             | 3.4                          |
| 6121-Stone, brick, fire-brick masons  | 182,790 | 84,230                        | 15                   | 27                 | 3             | 4.3                          |
| 6137-Electricians in civil construction and similar professions             | 77,250  | 49,020                        | 27                   | 32                 | 5             | 5.6                          |
| 6233-Industrial machinery mechanics and fitters and similar professions     | 54,060  | 32,670                        | 22                   | 35                 | 3             | 4.6                          |
| 7211-Operators of automatic and semi-automatic industrial machine tools     | 54,180  | 32,250                        | 14                   | 42                 | 4             | 5.4                          |
| 6136-Plumbers and water and gas pipe installers                             | 36,580  | 25,010                        | 25                   | 38                 | 5             | 6.0                          |
| 6241-Installers and repairers of electrical and electromechanical equipment | 38,880  | 24,460                        | 23                   | 38                 | 2             | 4.8                          |

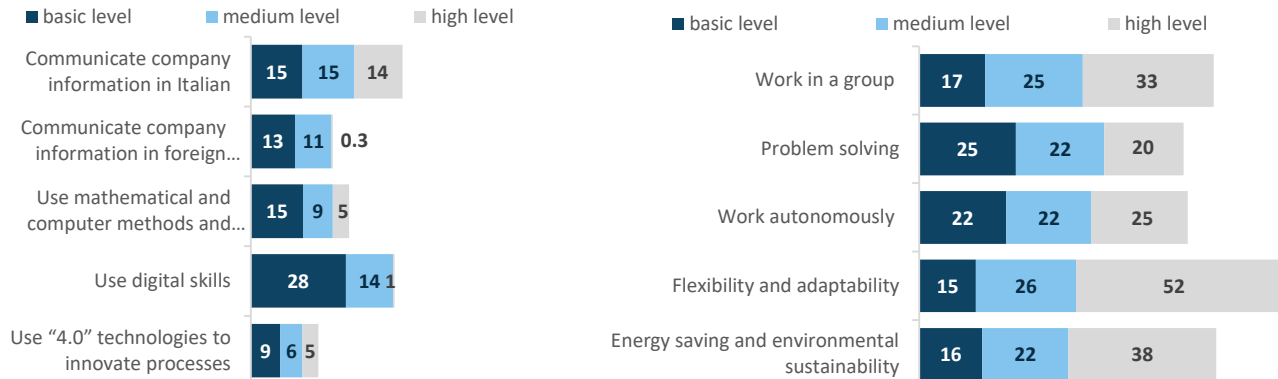


## UNSKILLED PROFESSIONS

**811,470**  
inflow

Even for figures classified as "unskilled" flexibility and adaptability are required for the vast majority of inflow (92%). However, the demand for other transversal skills is also very frequent, involving over two-thirds of inflow. However, the age of the candidates is not considered a key factor: the share of inflow explicitly aimed at young people is in fact generally modest, with the exception of delivery workers for whom requests for under 30s reach 67%.

### "KEY" SKILLS BASED ON THE REQUIRED LEVEL (%)



### MAIN CHARACTERISTICS OF THE PROFESSIONS MOST IN DEMAND (%)

| Code - Profession  | INFLOW (A.V.) | young people under 30 | with experience | female gender | new figures | Average time (months) |
|--|---------------|-----------------------|-----------------|---------------|-------------|-----------------------|
| 8143-Unskilled office and business cleaning personnel                                      | 344,960       | 7.0                   | 45.8            | 34.8          | 14.3        | 2.2                   |
| 8132-Unskilled packaging and warehousing personnel   | 188,060       | 32.7                  | 33.3            | 3.6           | 14.7        | 2.5                   |
| 8141-Unskilled accommodation and ship cleaning personnel                                   | 41,670        | 7.5                   | 52.3            | 66.7          | 37.2        | 2.4                   |
| 8131-Porters, freight workers and similar  | 40,370        | 25.9                  | 30.3            | -             | 10.5        | 3.1                   |
| 8431-Unskilled personnel in industrial activities and similar professions                  | 40,370        | 24.7                  | 34.9            | 14.9          | 23.1        | 2.9                   |
| 8142-Unskilled catering personnel  | 35,670        | 12.5                  | 32.7            | 35.0          | 32.5        | 2.5                   |
| 8161-Unskilled personnel assigned to custodial services for buildings, equipment and goods | 34,000        | 14.0                  | 38.6            | 2.0           | 21.3        | 1.9                   |
| 8312-Unskilled personnel assigned to green space maintenance                               | 21,720        | 14.4                  | 62.4            | -             | 13.1        | 2.8                   |
| 8145-Sanitation workers and other waste collectors and separators                          | 20,200        | 13.2                  | 36.2            | 2.0           | 4.1         | 2.1                   |
| 8133-Delivery workers  | 13,720        | 67.1                  | 15.3            | -             | 16.7        | 3.1                   |
| 8421-Unskilled civil construction labourers and personnel, and similar professions         | 12,830        | 26.7                  | 46.6            | -             | 29.6        | 2.9                   |
| 8211-Unskilled staff in recreational and cultural services                                 | 6,710         | 33.3                  | 31.2            | 5.0           | 39.9        | 4.0                   |

### THE MOST DIFFICULT PROFESSIONS TO RECRUIT BY MAIN REASONS (%)

| Code - Profession   | INFLOW  | of which DIFFICULT TO RECRUIT |                    |               | average search time (months) |     |
|---|---------|-------------------------------|--------------------|---------------|------------------------------|-----|
|   |         | Inadequate skill set          | Lack of candidates | Other reasons |                              |     |
| 8143-Unskilled office and business cleaning personnel                     | 344,960 | 99,290                        | 5                  | 18            | 6                            | 2.2 |
| 8132-Unskilled packaging and warehousing personnel                        | 188,060 | 35,690                        | 6                  | 12            | 2                            | 2.5 |
| 8141-Unskilled accommodation and ship cleaning personnel                  | 41,670  | 11,830                        | 5                  | 22            | 2                            | 2.4 |
| 8431-Unskilled personnel in industrial activities and similar professions | 40,370  | 9,580                         | 5                  | 17            | 2                            | 2.9 |
| 8142-Unskilled catering personnel   | 35,670  | 8,970                         | 2                  | 19            | 4                            | 2.5 |
| 8312-Unskilled personnel assigned to green space maintenance              | 21,720  | 7,670                         | 7                  | 22            | 7                            | 2.8 |
| 8131-Porters, freight workers and similar                                 | 40,370  | 7,470                         | 5                  | 12            | 2                            | 3.1 |

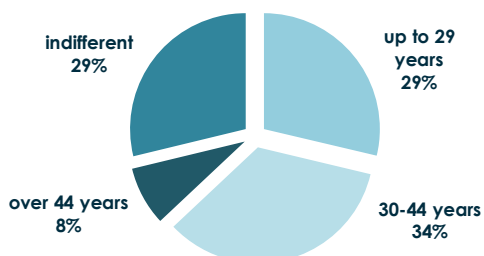


## MAIN CHARACTERISTICS OF EXPECTED INFLOW BY AGE GROUP

Considering all professional figures as a whole, being under 30 is considered a preferential requirement for almost 29% of planned inflow in 2022, to which a similar portion for which the age of the candidates is indifferent must be added. For 34% of inflow, companies prefer candidates between 30 and 44 years of age, while people over 44 are generally only sought in 8% of cases, mainly for managerial roles. The difficulty in recruiting young people under 30 is equal to 41% of inflow, in line with the average for all ages, but it exceeds 70% for pharmacists and electronics technicians.

### EXPECTED INFLOW BY AGE GROUP

of which up to 29 years: **1,486,680**



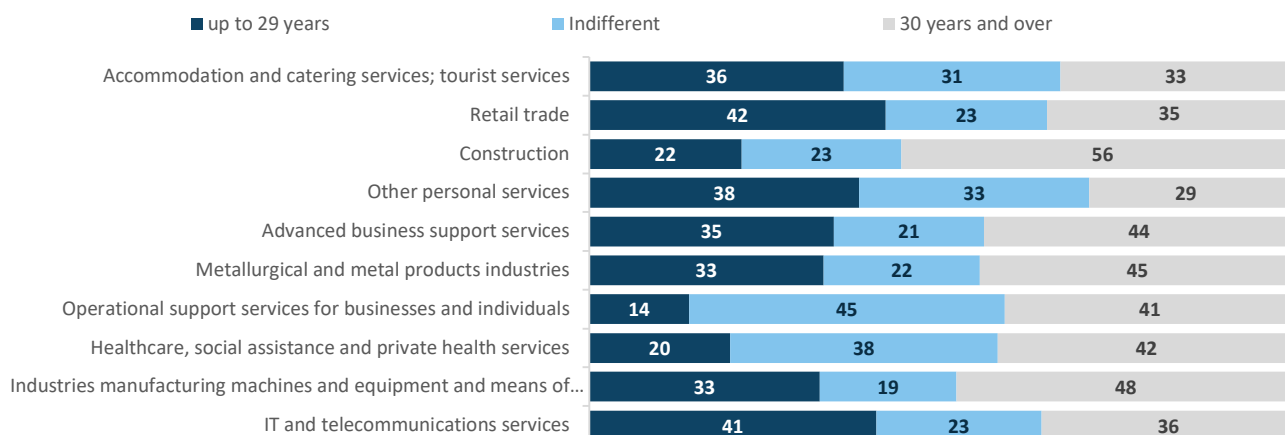
Young people are most in demand in the retail sector (42% of inflow) and in IT and telecommunications services (41%). In three other sectors, however, the portion of young people exceeds 35%: advanced business services, personal services and tourism/catering.

### PROFESSIONS WITH THE GREATEST DIFFICULTY IN RECRUITING YOUNG PEOPLE

(expected inflow of young people - % share and a.v.)

| Profession   | Average difficulty in recruiting young people 41% | difficult to recruit young | young inflow |
|--|---|----------------------------|--------------|
| Pharmacists  | 73%   | 5,050                      | 6,920        |
| Technical programmers  | 68%   | 12,060                     | 17,780       |
| Plumbers and water and gas pipe installers                                       | 67%   | 9,360                      | 13,930       |
| Industrial machinery mechanics and fitters and similar professions               | 67%   | 10,570                     | 15,760       |
| Electricians in civil construction and similar professions                       | 67%   | 19,040                     | 28,460       |
| Machine toolmakers and similar professions                                       | 65%   | 10,790                     | 16,530       |
| Artisan mechanics, car repairers and maintenance workers and similar professions | 64%   | 10,420                     | 16,160       |
| Nursing and midwifery health professions   | 63%   | 6,460                      | 10,220       |
| Industrial designers and similar professions                                     | 63%   | 5,770                      | 9,130        |
| Operators of automatic and semi-automatic industrial machine tools               | 62%   | 15,950                     | 25,600       |

### MAIN BUSINESS SECTORS LOOKING FOR YOUNG PEOPLE (% of young people out of the total for the sector)



The top 10 sectors in terms of young inflow up to 29 years of age (by absolute value) were selected

## FIELDS OF STUDY THAT OFFER THE GREATEST JOB OPPORTUNITIES

In 2022, 15% of inflow is required to have a degree, a share that exceeds the figure recorded in 2021 by one per cent. However, for 30% of inflow, companies indicated the secondary or post-secondary school diploma as their preferred level of education, while the professional qualification or diploma is indicated for 19% of inflow.

The most requested degrees are traditionally those in the fields of Economics and engineering, followed by those in the healthcare and paramedical fields. Among the diplomas, the demand is mainly for the administrative, tourism and mechanical fields; among the qualified, the catering, mechanical and construction sectors prevail. Data on the demand for figures with professional qualifications or diplomas are presented using two different approaches. In addition to figures with expressly indicated professional qualifications and diplomas (“explicit inflow”), companies are also looking for workers who have completed their generic “compulsory schooling.” Following a specific in-depth study, cases were encountered in which this requirement is associated with professions for which there are three-year professional training courses formally offered among the 26 of the State-Regions Agreement of 1 August 2019. A further potential demand for professional qualifications was thus identified, which, combined with the explicit qualification, provides an overall estimate of the “potential inflow” for which a professional qualification is required, which would amount to 36% of the total.

### FIELDS OF STUDY MOST HIGHLY REQUESTED

|  | Expected inflow<br>(a.v.)                   | % of the<br>total              | % difficult to<br>recruit               | % with<br>experience |                    |
|--|---|--------------------------------|---|----------------------|--------------------|
| <b>UNIVERSITY</b>  | <b>782,720</b>                              | <b>15%</b>                     | <b>47%</b>                              | <b>88%</b>           |                    |
| <i>of which with post-graduate training</i>  | <i>117,340</i>                              | <i>2%</i>                      | <i>50%</i>                              | <i>96%</i>           |                    |
| Economics specialisation   |   | 206,640                        | 36%                                     | 80%                  |                    |
| Teaching and education specialisation  | 116,040                                     |                                | 46%                                     | 94%                  |                    |
| Healthcare and paramedical specialisation  | 76,480                                      |                                | 65%                                     | 91%                  |                    |
| Civil engineering and architecture specialisation  | 57,300                                      |                                | 49%                                     | 92%                  |                    |
| Mathematical, physical and computer sciences specialisation  | 54,270                                      |                                | 60%                                     | 88%                  |                    |
| <b>HIGHER TECHNICAL EDUCATION (HTE)</b>  | <b>51,590</b>                               | <b>1%</b>                      | <b>56%</b>                              | <b>78%</b>           |                    |
| <b>SECONDARY (5-year diploma)</b>  | <b>1,488,750</b>                            | <b>29%</b>                     | <b>40%</b>                              | <b>69%</b>           |                    |
| Administration, finance and marketing specialisation   |   | 439,710                        | 30%                                     | 63%                  |                    |
| Tourism, food and wine and hospitality specialisation  | 226,330                                     |                                | 48%                                     | 77%                  |                    |
| Mechanics, mechatronics and energy specialisation  | 152,950                                     |                                | 56%                                     | 70%                  |                    |
| Social and healthcare specialisation   | 125,310                                     |                                | 42%                                     | 83%                  |                    |
| Transportation and logistics specialisation  | 107,980                                     |                                | 28%                                     | 51%                  |                    |
| <b>Professional QUALIFICATION (3-year) or<br/>Professional DIPLOMA (4-year)</b>                            | <b>explicit inflow<br/>potential inflow</b> | <b>1,006,300<br/>1,876,090</b> | <b>19%<br/>36%</b>                      | <b>48%<br/>43%</b>   | <b>70%<br/>65%</b> |
| Catering specialisation  | 256,040                                     | 506,540                        | 40%                                     | 67%                  |                    |
| Mechanical specialisation  | 163,670                                     | 275,390                        | 51%                                     | 60%                  |                    |
| Building specialisation  | 76,790                                      | 227,680                        | 48%                                     | 86%                  |                    |
| Agri-food processing specialisation  | 69,860                                      | 163,480                        | 39%                                     | 57%                  |                    |
| Sales services specialisation  | 57,650                                      | 163,450                        | 30%                                     | 53%                  |                    |
|  |   |                                | ■ explicit inflow<br>■ potential inflow |                      |                    |
| <i>The percentages of difficult to recruit inflow and inflow with experience refer to potential inflow</i> |   |                                |   |                      |                    |
| <b>NO QUALIFICATION</b>  | <b>explicit inflow<br/>potential inflow</b> | <b>1,849,780<br/>980,000</b>   | <b>36%<br/>19%</b>                      | <b>34%<br/>31%</b>   | <b>54%<br/>50%</b> |

## SKILLS REQUIRED BASED ON QUALIFICATION

In addition to indicating which skills they require, companies indicate their degree of importance in relation to the qualifications and fields of education of the candidates. For example, digital skills are considered important for 70% of university graduates, but it reaches 90% in the case of engineering and architecture university graduates and, of course, for almost all (99%) in the case of university graduates in mathematical and physical sciences and information technology. Digital skills are particularly important for people with ITS (Higher Technical Institute) diplomas (72%). Those linked to "4.0" technologies and applications and the use of mathematical and IT methods are, instead, of high importance (over 70%) only for university graduates in mathematical, physical and IT sciences. Transversal skills (or *soft skills*) are the most in demand, but again indicating greater importance for tertiary qualifications.

### VERY IMPORTANT SKILLS BY MAIN FIELDS OF STUDY (\*)

| Key:  | Soft            |                 | Green             | Technological                |  | Communicative                                       |                    |  |  |  |
|---|-----------------|-----------------|-------------------|------------------------------|--|---|--------------------|--|--|--|
|   | Work in a group | Problem solving | Work autonomously | Flexibility and adaptability | Energy saving and environmental sustainability | Use mathematical and computer methods and languages | Use digital skills | Use "4.0" technologies to innovate processes | Communicate company information in Italian | Communicate company information in foreign languages |
| from 1% to 33%  |                 |                 |                   |                              |  |   |                    |  |  |  |
| from 34% to 66%   |                 |                 |                   |                              |  |   |                    |  |  |  |
| from 67% to 100%  |                 |                 |                   |                              |  |   |                    |  |  |  |
| <b>UNIVERSITY</b>   | 82%             | 79%             | 68%               | 86%                          | 45%  | 47%   | 70%                | 31%  | 60%  | 37%  |
| Economics specialisation  | 83%             | 77%             | 69%               | 84%                          | 46%  | 49%   | 78%                | 30%  | 64%  | 40%  |
| Teaching and education specialisation   | 80%             | 73%             | 62%               | 82%                          | 41%  | 28%   | 50%                | 10%  | 47%  | 25%  |
| Healthcare and paramedical specialisation                                     | 71%             | 73%             | 58%               | 83%                          | 35%  | 21%   | 31%                | 11%  | 47%  | 10%  |
| Civil engineering and architecture specialisation                             | 88%             | 86%             | 75%               | 89%                          | 61%  | 60%   | 90%                | 32%  | 57%  | 25%  |
| Mathematical, physical and computer sciences specialisation                   | 87%             | 84%             | 69%               | 90%                          | 40%  | 83%   | 98%                | 71%  | 62%  | 47%  |
| <b>HIGHER TECHNICAL EDUCATION (HTE)</b>                                       | 71%             | 74%             | 66%               | 80%                          | 48%  | 51%   | 72%                | 47%  | 46%  | 27%  |
| <b>SECONDARY (5-year diploma)</b>   | 64%             | 52%             | 47%               | 73%                          | 43%  | 21%   | 34%                | 14%  | 44%  | 19%  |
| Administration, finance and marketing specialisation                          | 67%             | 52%             | 46%               | 74%                          | 36%  | 26%   | 52%                | 12%  | 52%  | 23%  |
| Tourism, food and wine and hospitality specialisation                         | 70%             | 48%             | 50%               | 74%                          | 56%  | 14%   | 16%                | 11%  | 54%  | 36%  |
| Mechanics, mechatronics and energy specialisation                             | 55%             | 52%             | 47%               | 73%                          | 46%  | 19%   | 24%                | 23%  | 31%  | 7%   |
| Social and healthcare specialisation  | 57%             | 42%             | 33%               | 67%                          | 31%  | 7%  | 4%                 | 6%   | 24%  | 2%   |
| Transportation and logistics specialisation                                   | 53%             | 41%             | 36%               | 68%                          | 41%  | 15%   | 11%                | 10%  | 29%  | 6%   |
| <b>Professional QUALIFICATION (3-year) or Professional DIPLOMA (4-year)**</b> | 48%             | 30%             | 38%               | 61%                          | 41%  | 9%  | 8%                 | 8%   | 31%  | 11%  |
| Catering specialisation   | 55%             | 28%             | 39%               | 60%                          | 47%  | 8%  | 5%                 | 6%   | 43%  | 24%  |
| Mechanical specialisation   | 36%             | 25%             | 31%               | 57%                          | 33%  | 8%  | 6%                 | 10%  | 14%  | 1%   |
| Building specialisation   | 44%             | 28%             | 41%               | 58%                          | 40%  | 8%  | 0%                 | 7%   | 18%  | 0%   |
| Agri-food processing specialisation   | 43%             | 25%             | 33%               | 56%                          | 44%  | 10%   | 2%                 | 6%   | 23%  | 6%   |
| Sales services specialisation   | 62%             | 38%             | 45%               | 70%                          | 39%  | 11%   | 24%                | 8%   | 59%  | 18%  |
| <b>NO QUALIFICATION</b>   | 30%             | 20%             | 25%               | 52%                          | 38%  | 4%  | 0%                 | 4%   | 14%  | 0%   |

\* The companies assign a score ranging from 0 (skill not required) to 4 (skill of the utmost importance) to each skill; the skills considered to be "very important" are those to which the companies assign a score of 3 or 4.

\*\* The data refers to the potential inflow with a professional diploma or qualification. Please refer to the introductory text on page 10 "The fields of study that offer greatest job opportunities" for the definition of potential inflow.

## COMPANIES HIRING

During 2022, 60% of companies with employees planned to hire (percentage in line with that of 2021). The sectors with the largest number of companies hiring are: tourism (75%), healthcare and transport/logistics (both 72%), public utilities (70%), as well as chemical-pharmaceutical industries and construction (both 68%).

The selection channels mainly used by companies are direct knowledge of the candidates (42%), followed by curriculum vitae received and indications from known individuals (33% for both methods). For larger companies, on the other hand, the use of more formal and structured channels such as curriculum vitae sent by candidates (up to 66%) or the use of the web and social channels (up to 34%) is more frequent.

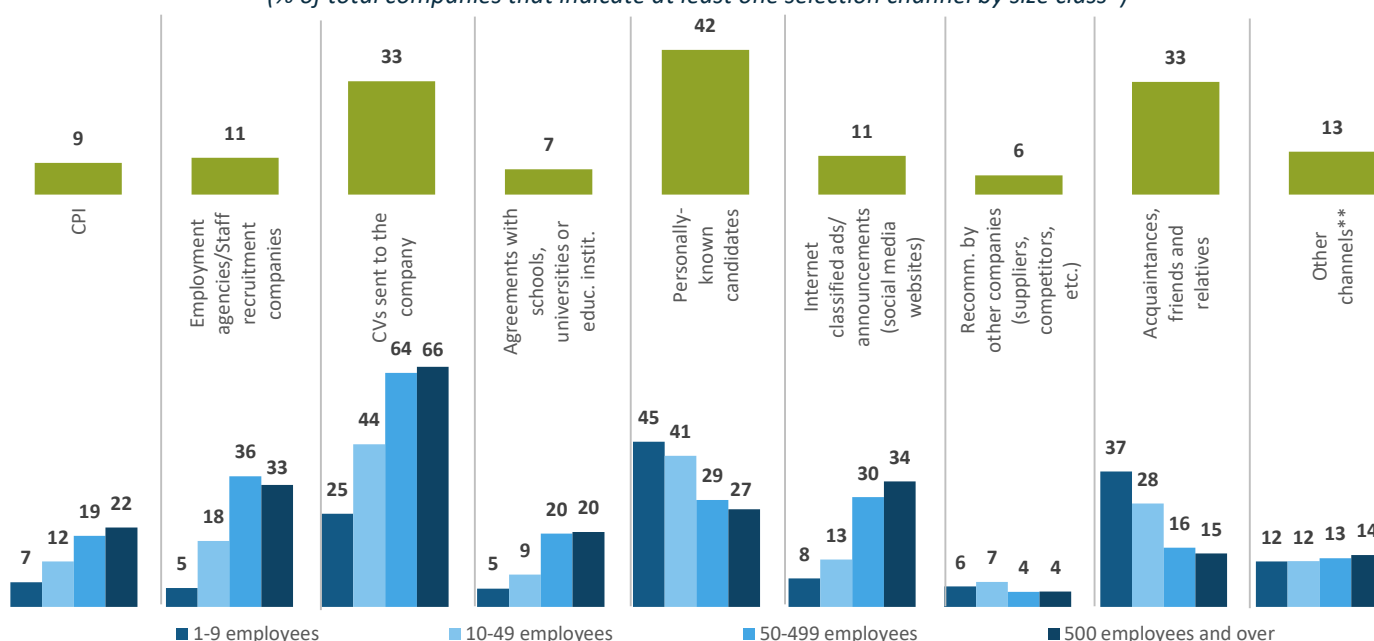
Investments in digital transformation are particularly frequent, which in 2022 are planned by 70% of companies with employees and the number of companies investing in green skills reaches 54%.

### COMPANIES HIRING IN 2021 BY SECTOR (% of total companies in the sector)



### RECRUITMENT CHANNELS USED BY COMPANIES

(% of total companies that indicate at least one selection channel by size class\*)



\* This is a multiple choice question on the questionnaire, and the total can exceed 100.

\*\*Trade associations/trade unions, classified ads/announcements in newspapers, labour consultants, other channel

### DIGITAL TRANSFORMATION AND GREEN INVESTMENTS

**68%**

Companies that invested in digital transformation between 2017 and 2021 (out of the total number of companies)

**70%**

Companies that are investing in digital transformation in 2022 (out of the total number of companies)

**39%**

Companies that invested in green skills in 2021 (out of the total number of companies)

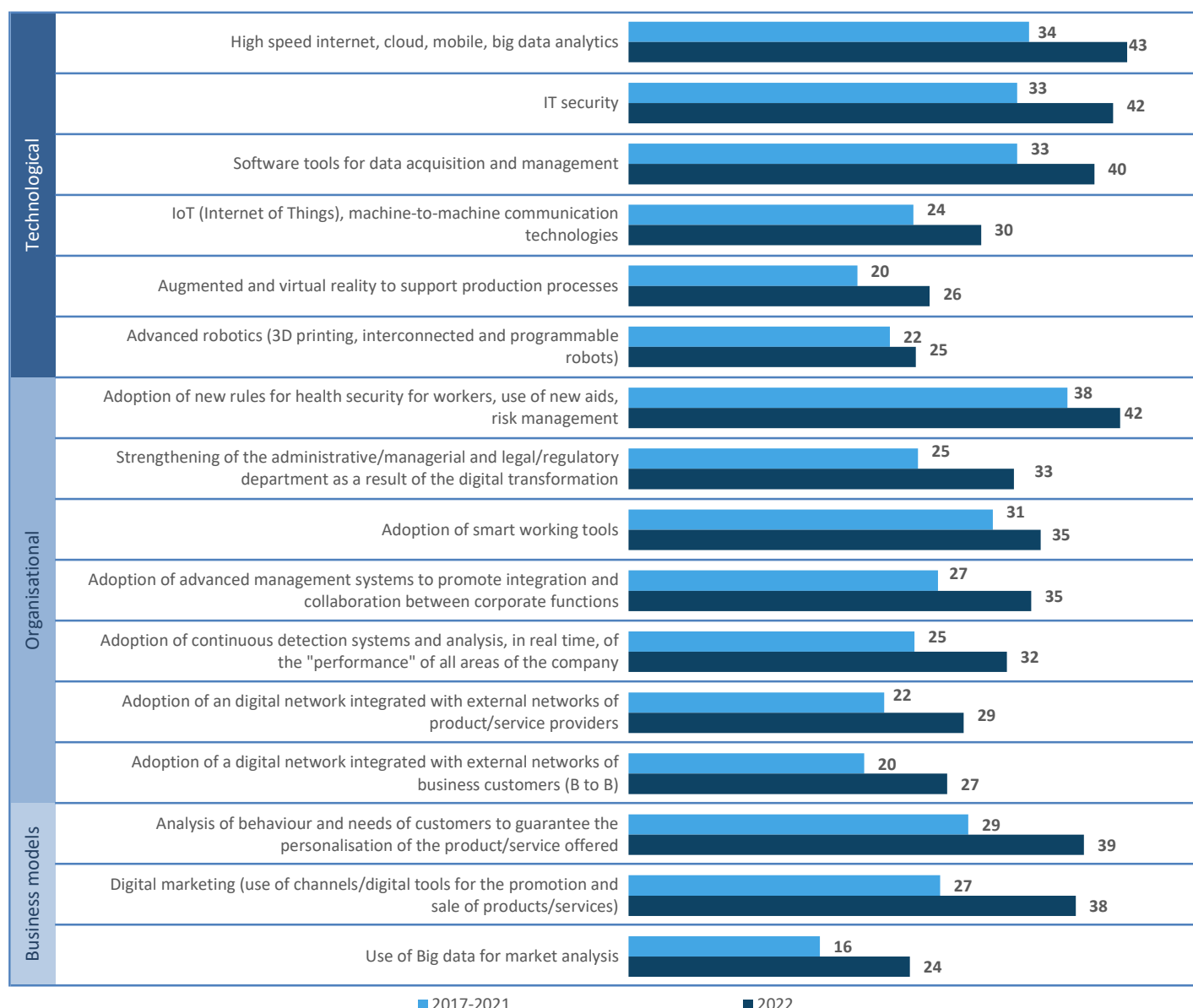
**54%**

Companies that are investing in green skills in 2022 (out of the total number of companies)

## COMPANIES INVESTING IN DIGITAL TRANSFORMATION

### AREAS OF INVESTMENT\*

(% of companies that have made investments)

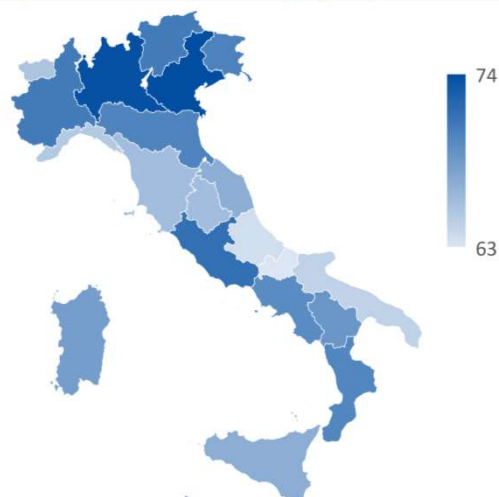


■ 2017-2021

■ 2022

\* Companies that reported making high-value investments in every aspect of the digital transformation during the two periods

### DIGITAL TRANSFORMATION IN 2022 BY REGION (% of total companies by region)



In 2022, the relevance of investments in digital transformation grew in all areas compared to the previous period (2017-2021). From a more strictly technological point of view, an increase in the use of high-speed Internet, cloud, mobile, big data and the increase in IT security emerges in particular (both with +8 percent for indications of high importance, reaching 42% of cases). There were also significant increases in software tools for data acquisition and management (+7 percent, at 40%). In the organisational sphere, a strengthening of the administrative and regulatory area following digital transformation and the adoption of advanced management systems for integration between the various company functions are growing (both +8 percent, at 33-35%). With reference to business models, the greatest increase regards the use of digital marketing (+11, reaching 38%).

From a territorial point of view, there is a greater propensity to invest in digital transformation by companies located in Lombardy and Veneto.

## ONGOING TRAINING AND SCHOOL/WORK CONNECTION

### COMPANIES THAT CARRY OUT TRAINING COURSES

In 2021 about 315 thousand companies had organised training courses for their employees, i.e. 22% of the total. In 2022 there was a slight increase on this front: over 329 thousand companies have carried out training (or plan to carry it out), 23% of the total. The purpose of the training carried out by companies in 2021 was above all to update personnel already present in the company on tasks already performed (70% of companies), while training activities aimed at training new hires were less frequent (17%) or to train existing staff to carry out new tasks (13%). The training is mainly carried out through coaching or external courses, and, to a lesser extent, through in-house courses, and is preferentially funded using the company's own resources.

**314,510** (no. training companies) ← Companies that carried out training courses in **2021** → **22%** (% of total companies)

**329,120** (no. training companies) ← Companies that did or intend to carry out training courses in **2022** → **23%** (% of total companies)

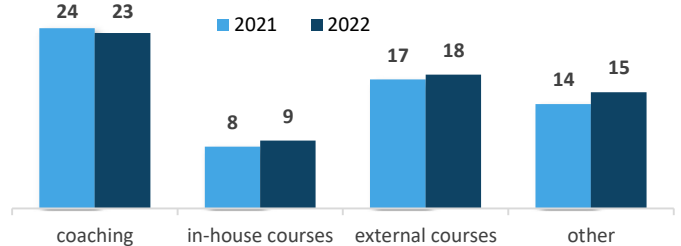
#### COMPANIES BY MAIN PURPOSE OF TRAINING - 2021

(composition % of total training companies)



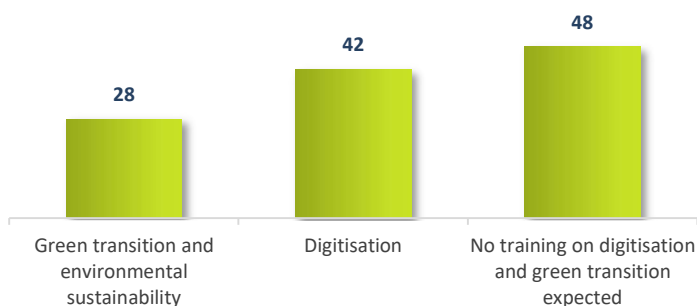
#### COMPANIES BY TRAINING COURSE TYPE

(% of total companies, multiple choice)



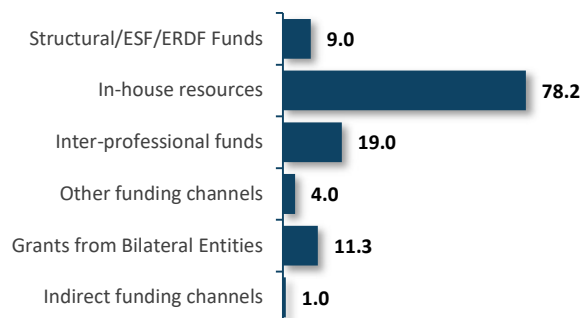
#### COMPANIES BY TRAINING AREA - 2022

(composition % of total training companies with courses)



#### COMPANIES BY TRAINING FUNDING METHOD - 2022

(composition % of total training companies with courses)



This is a multiple choice question

### APPRENTICESHIP ACTIVITIES

Companies that hosted apprentices in 2021

**12%**

of which, in collaboration with schools (school-work alternation)

**7%**

Number of apprentices hired in 2022

**29%**

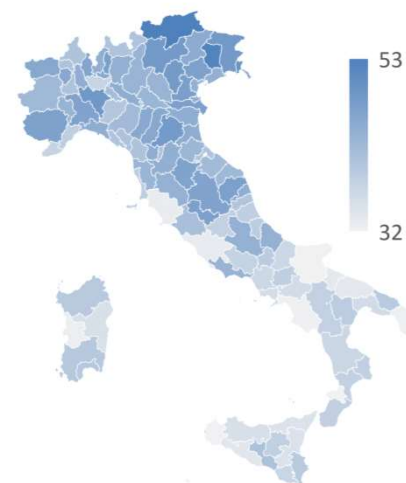
In 2021, 12% of companies (among those with employees) hosted one or more students for an apprenticeship period. For nearly a third of these apprentices, companies considered hiring them in 2022. This reveals the usefulness of this training tool for the purpose of recruiting personnel and directly verifying their abilities.

## INFLOW IN THE VARIOUS REGIONS

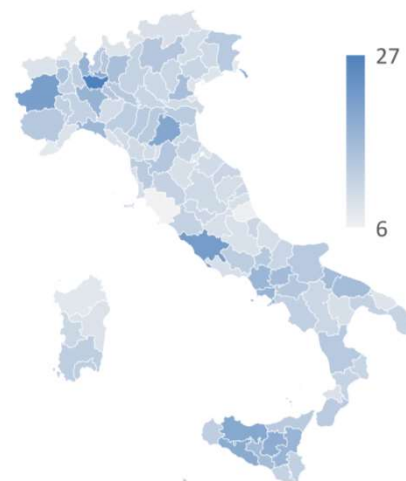
Almost half of the total expected inflow in Italy is concentrated in the larger regions, starting with Lombardy and followed at a certain distance by Lazio, Veneto and Emilia-Romagna. At a territorial level, it is evident that the greatest difficulties in finding the profiles sought are reported by companies in the North East, where almost 46% of the figures are difficult to recruit. A difficulty higher than the national average is also recorded in the North West (41.7%), as well as in Tuscany, Umbria and Marche. In Lazio and in the southern regions, the difficulties in recruiting are more modest, although they still affect more than 35% of the planned inflow. Another particularly important aspect regards the incidence of university graduates on total planned inflow, which in 2022 is higher in Lombardy and Lazio (about 20% of total inflow) and in Piedmont, Campania and Sicily (around 16- 17%). In all the other regions, the number of university graduates is lower than the national average and is particularly low in Valle d'Aosta and Abruzzo (less than 9%). The nationwide differences in the qualitative characteristics of inflow clearly reflect the different economic structures and company sizes present in the relative areas, but also allow for local specificities and problems to be identified, which are extremely important elements for the purposes of guidance and active employment policies.

|                          | TOTAL INFLOW<br>(a.v.) | % difficult to<br>recruit | % university<br>graduates | variation %<br>2022/2021 |
|--------------------------|------------------------|---------------------------|---------------------------|--------------------------|
| <b>ITALY</b>             | <b>5,179,140</b>       | <b>40.5</b>               | <b>15.1</b>               | <b>11.6</b>              |
| <b>NORTH WEST</b>        | <b>1,526,910</b>       | <b>41.7</b>               | <b>18.6</b>               | <b>11.2</b>              |
| <b>NORTH EAST</b>        | <b>1,244,820</b>       | <b>45.8</b>               | <b>12.3</b>               | <b>12.3</b>              |
| <b>CENTRAL</b>           | <b>1,019,600</b>       | <b>38.7</b>               | <b>15.2</b>               | <b>11.4</b>              |
| <b>SOUTH AND ISLANDS</b> | <b>1,387,800</b>       | <b>35.8</b>               | <b>13.8</b>               | <b>11.7</b>              |
| PIEMONTE                 | 345,650                | 43.3                      | 17.1                      | 12.1                     |
| VALLE D'AOSTA            | 16,920                 | 45.4                      | 8.6                       | -3.1                     |
| LOMBARDIA                | 1,032,320              | 41.0                      | 19.9                      | 10.9                     |
| LIGURIA                  | 132,020                | 41.8                      | 13.2                      | 13.7                     |
| TRENTINO ALTO ADIGE      | 159,350                | 50.3                      | 11.4                      | -0.1                     |
| VENETO                   | 502,360                | 45.4                      | 11.2                      | 12.4                     |
| FRIULI VENEZIA GIULIA    | 108,040                | 48.3                      | 12.9                      | 8.2                      |
| EMILIA ROMAGNA           | 475,070                | 44.2                      | 13.7                      | 18.3                     |
| TOSCANA                  | 326,610                | 41.9                      | 11.2                      | 12.8                     |
| UMBRIA                   | 61,670                 | 46.3                      | 10.5                      | 19.5                     |
| MARCHE                   | 133,730                | 42.9                      | 10.3                      | 14.9                     |
| LAZIO                    | 497,590                | 34.4                      | 19.6                      | 8.7                      |
| ABRUZZO                  | 114,050                | 40.8                      | 8.9                       | 11.7                     |
| MOLISE                   | 18,810                 | 37.1                      | 11.8                      | 7.3                      |
| CAMPANIA                 | 395,800                | 35.0                      | 15.8                      | 13.2                     |
| PUGLIA                   | 289,630                | 33.7                      | 13.4                      | 11.8                     |
| BASILICATA               | 36,820                 | 38.0                      | 10.2                      | 8.5                      |
| CALABRIA                 | 101,400                | 36.8                      | 12.2                      | 7.1                      |
| SICILIA                  | 288,040                | 35.3                      | 16.2                      | 12.8                     |
| SARDEGNA                 | 143,250                | 38.3                      | 10.1                      | 9.8                      |

### DIFFICULTY IN RECRUITING PROFESSIONAL FIGURES IN THE VARIOUS REGIONS (% of total inflow by province)



### DEMAND FOR UNIVERSITY GRADUATES IN THE VARIOUS REGIONS (% of total inflow by province)





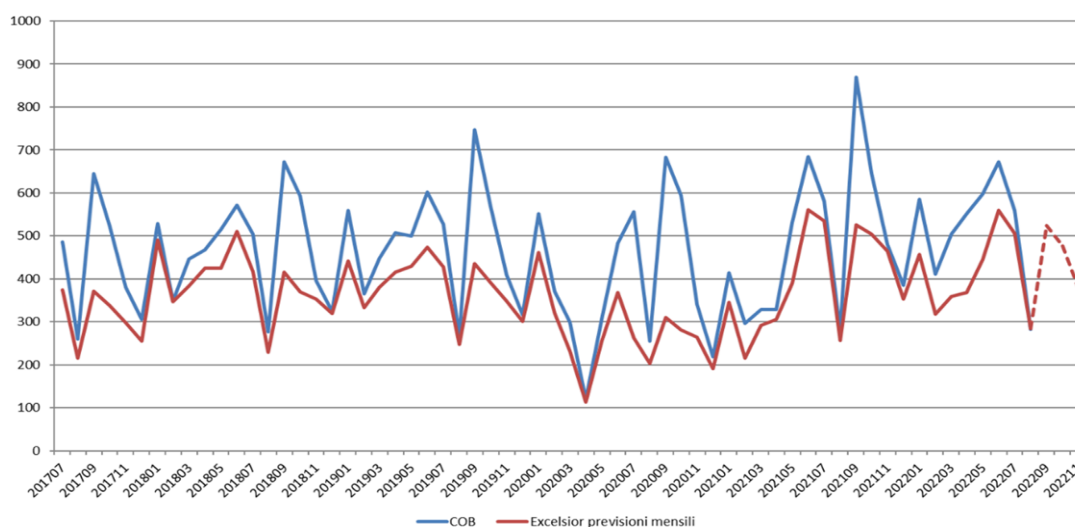
## Note on methodology

The data presented comes from the Excelsior survey carried out by Unioncamere in agreement with the National Agency for Active Labour Policies (ANPAL). The survey, which is included in the National Statistical Programme (UCC-00007) among those that imply an obligatory response, has been carried out on a monthly basis since 2017.

The information contained in this bulletin was acquired by processing all the information obtained through the monthly surveys carried out until the month of August 2022, mainly by using the compilation technique in CAWI mode, carrying out about 285,000 interviews at companies, a representative sample of companies with employees in 2021 in the various industrial and services sectors. The estimate of the inflow forecast is obtained through modelling of the historical series of data taken from administrative sources on companies and employment, suitably integrated with the sample data relative to each monthly survey. Inflow (i.e. the number of employment contracts that companies intend to enter into in a certain period) and the relative characteristics refer to the hiring of employees and flows of collaborators, temporary workers and other non-employee workers. The data regarding the forecast for the entire year therefore no longer come from a specific annual survey, but from the integrated processing of the available monthly surveys.

The following graph compares the data in the Excelsior monthly forecasts with the final data obtained from the Ministry of Labour Mandatory Communications. The data of the Mandatory Communications is processed in such a way as to connect it to the field of observation of the Excelsior Project, through the exclusion of contracts longer than 30 days, of the Agriculture, Forestry and Fishing sectors (Ateco 01-02-03), of Public Administration (Ateco 84) and Activities of families and cohabitants as employers of domestic staff, production of undifferentiated goods and services by families and cohabitants for their own use (Ateco 97-98-99). The operations to connect the MCs to the Excelsior field of observation, while not allowing an alignment of the columns - due to the structure of the provision of data made available - show a correlation between the two series equal to 81% for the period July 2017 - August 2022.

**Monthly trends Excelsior and MC data**  
(July 2017-August 2022)











Source: Elaboration of data from Excelsior Unioncamere - Anpal and CO Ministry of Labour, various years












In this bulletin, the analysis is mainly focused on the characteristics of the inflow planned for the year 2022, according to the professional profiles and levels of education required. There are also some qualitative comparisons with the 2021 data. The results of the survey are available at provincial and regional level according to a variable number of economic

**Excelsior Informa** is created by Unioncamere in collaboration with ANPAL as part of the Excelsior Information System.














For in-depth information, refer to the following website: <http://excelsior.unioncamere.net> where data and analyses referring to all the regions and all the provinces is available.





The partial or total reproduction and/or distribution of the tables contained in this publication is only permitted with full

|      |   |       |   |       |   |        |   |       |
|------|---|-------|---|-------|---|--------|---|-------|
| 2020 |  | 1-9   |  | 10-49 |  | 50-499 |  | 500   |
| 2019 |  | empl. |  | empl. |  | empl.  |  | empl. |

|      |   |              |   |                |   |                 |   |                       |
|------|---|--------------|---|----------------|---|-----------------|---|-----------------------|
| 2022 |  | 1-9<br>empl. |  | 10-49<br>empl. |  | 50-499<br>empl. |  | 500 empl.<br>and over |
| 2021 |  |              |  |                |  |                 |  |                       |
| 2020 |  |              |  |                |  |                 |  |                       |
| 2019 |  |              |  |                |  |                 |  |                       |



|      |   |              |   |                |   |                 |   |                       |
|------|---|--------------|---|----------------|---|-----------------|---|-----------------------|
| 2022 |  | 1-9<br>empl. |  | 10-49<br>empl. |  | 50-499<br>empl. |  | 500 empl.<br>and over |
| 2021 |  |              |  |                |  |                 |  |                       |
| 2020 |  |              |  |                |  |                 |  |                       |
| 2019 |  |              |  |                |  |                 |  |                       |

|      |   |       |   |       |   |        |   |           |
|------|---|-------|---|-------|---|--------|---|-----------|
| 2022 |  | 1-9   |  | 10-49 |  | 50-499 |  | 500 empl. |
| 2021 |  | empl. |  | empl. |  | empl.  |  | and over  |