



UNIONCAMERE

## EXCELSIOR INFORMA

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



## Toscana

Year 2021

### Introduction

In line with the climate of economic recovery characterising the current year, an increase in employment needs by the Italian business system is expected. In fact, 61% of the total number of companies with employees in industry and services plan to hire workers in 2021, a percentage that is returning to the pre-pandemic level, after a significant decline in 2020. The inflow expected in 2021 - with any contractual form - is approximately 4.6 million units, thereby fully returning to the 2019 levels. This rapid recovery is also accompanied by an increase in the difficulty companies experience in recruiting the professional profiles they are seeking, which involves almost a third of the expected inflow and which can also be attributed to a growing level of experience requested from candidates. The major problems in recruitment will mainly concern specialised profiles: managers and specialists with in-depth knowledge, also of a scientific nature (about 40% will be difficult to recruit) and above all skilled labourers (46%).

This publication focuses on the main characteristics of the inflow planned in the region for the year 2021.



EXPECTED INFLOW



COMPANIES HIRING



YOUNG PEOPLE



DIFFICULT TO RECRUIT

	EXPECTED INFLOW	COMPANIES HIRING	YOUNG PEOPLE	DIFFICULT TO RECRUIT
2021	289,670	61%	26%	34%
2020	198,040	44%	27%	31%
2019	293,070	60%	27%	29%

### SUMMARY

### Work opportunities in 2021 in the region

		Expected inflow (a.v.)	% difficult to recruit
Company areas of inclusion and the main professions	page 2	Specialised labourers 48,090	50.1
Main characteristics of workers requested by the companies	page 3	Technical professions 30,770	45.4
Characteristics of inflow by age group	page 4	Managers and Intellectual, scientific and highly-spec. prof. 13,960	39.4
Skills requested	page 5	Plant operators and stationary and mobile machinery operators 43,560	32.9
Qualifications that offer the greatest job opportunities	page 6	Skilled professions in commercial activities and services 90,690	30.4
Several characteristics of the companies	page 7	Unskilled professions 40,780	20.4
Note on methodology	page 8	Office workers 21,830	20.2

N.B. Due to the rounding off, the sum of the single percentage values may differ by 100. This note is valid for all the graphs in this bulletin that show percentage compositions.

## COMPANY AREAS OF INCLUSION AND MAIN PROFESSIONS

This page shows the main company areas of inclusion, with several characteristics regarding inflow, and the professions most requested by companies for 2021 in the region. It should be noted that, unless otherwise specified, the professions indicated in the bulletin refer to the classification of professions of ISTAT CP2011 (3 digit).

### Characteristics of expected inflow by business area in the region in 2021

COMPANY AREA	INFLOW (a.v.)	% of total	% up to 29 years	% difficult to recruit
<b>Total</b>	<b>289,670</b>	<b>100.0</b>	<b>26.1</b>	<b>33.9</b>
Direction and General services areas	9,170	3.2	23.3	30.7
Administrative areas	11,700	4.0	21.5	21.7
Technical and planning areas	36,330	12.5	26.0	45.9
Area of production of goods and provision of the service	150,530	52.0	24.0	34.6
Commercial and sales areas	52,670	18.2	38.2	29.6
Logistics areas	29,270	10.1	18.4	29.1

### The sectors that expect more inflow in the region in 2021 (a.v.)

Accommodation and catering services; tourist services	61,530
Retail trade, wholesale trade and repair of motor vehicles and motorcycles	39,100
Textile, clothing and footwear industries	27,060
Operational support services for businesses and individuals	24,080
Construction	21,590

### The professions most requested in the region in 2021

of which difficult to recruit (%)

522-Catering business operators	49,540	32
512-Sales staff	25,280	26
814-Unskilled cleaning services staff	23,860	25
742-Motor vehicle drivers	12,430	44
726-Workers assigned to machinery in the textile industry, for garments and similar	12,300	22
411-Secretarial and general affairs office staff	10,610	18

## MAIN CHARACTERISTICS OF WORKERS REQUESTED BY COMPANIES

The main characteristics of the incoming figures are summarised below, organised by sector. The data concerns the difficulties in recruiting, experience required, gender and type of contract requested; the figure for the region is compared with that of the geographical distribution and the national figure.

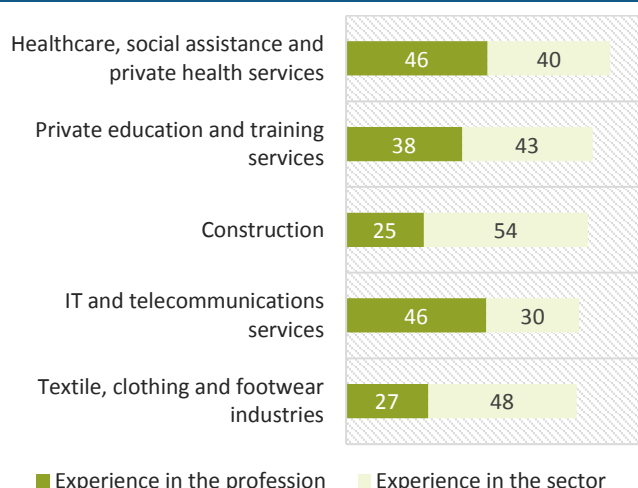
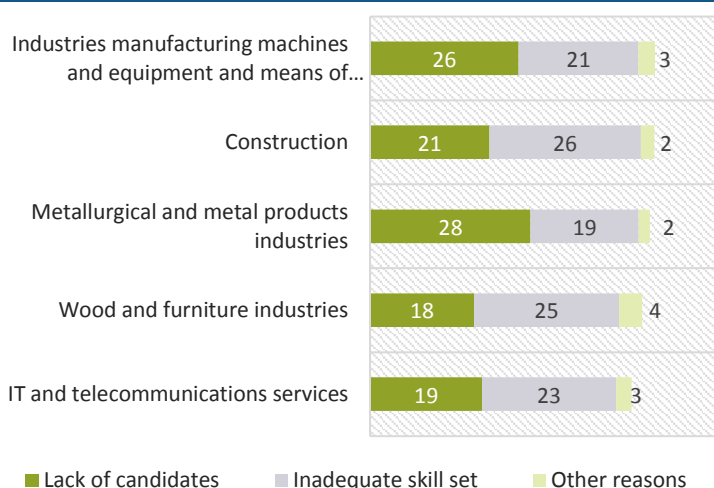
Difficulty in recruiting (%)	Reg.	Central	Italy
<b>Total, of which:</b>	<b>33.9</b>	<b>30.1</b>	<b>32.2</b>
for lack of candidates	16.7	14.3	16.2
due to inadequate skill set	13.6	12.8	12.8
for other reasons	3.7	3.0	3.2

Experience requested (%)	Reg.	Central	Italy
<b>Total, of which:</b>	<b>67.5</b>	<b>69.9</b>	<b>68.7</b>
in the profession	21.1	21.9	21.9
in the sector	46.3	48.0	46.8
non requested	32.5	30.1	31.3

### The regional sectors...

...with greatest **DIFFICULTIES IN RECRUITING** and the reasons (%)

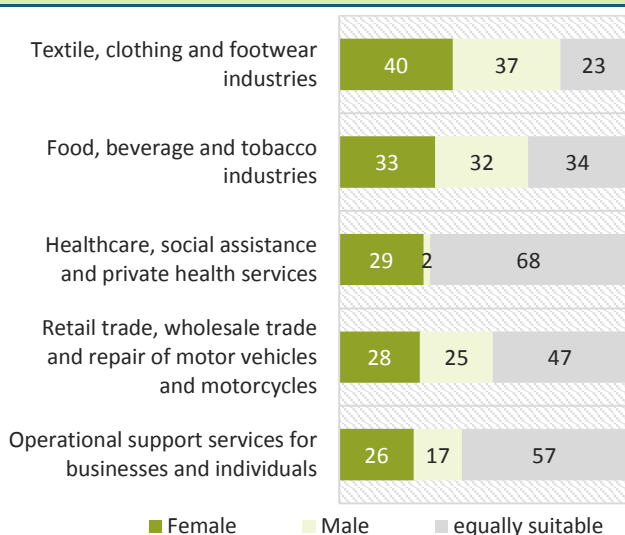
...that request specific work **EXPERIENCE** the most (%)



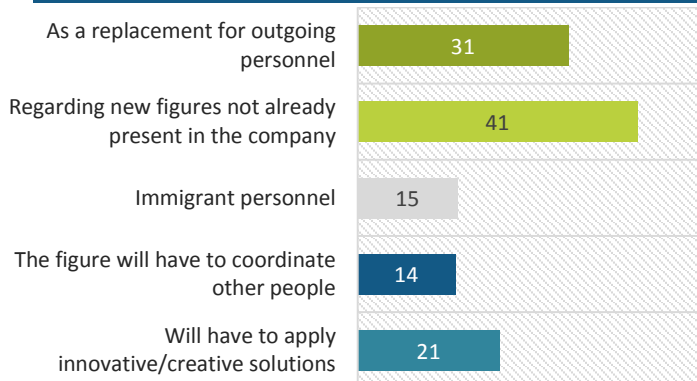
Gender requested (%)	Reg.	Central	Italy
Female	22.1	19.3	18.6
Male	33.3	31.2	34.0
equally suitable	44.6	49.5	47.3

Contracts proposed (% values)	Reg.	Central	Italy
<b>Workers employed by the company</b>	<b>83.2</b>	<b>82.9</b>	<b>81.4</b>
with a permanent contract	18.0	18.0	17.0
with a fixed-term contract	54.8	56.0	55.9
with other contracts	10.5	9.0	8.6
<b>Company non-salaried workers</b>	<b>16.8</b>	<b>17.1</b>	<b>18.6</b>
agency workers	8.8	7.4	9.8
coll. and other non-salaried empl.	8.0	9.7	8.8

### The main sectors that expect inflow of female personnel (%)

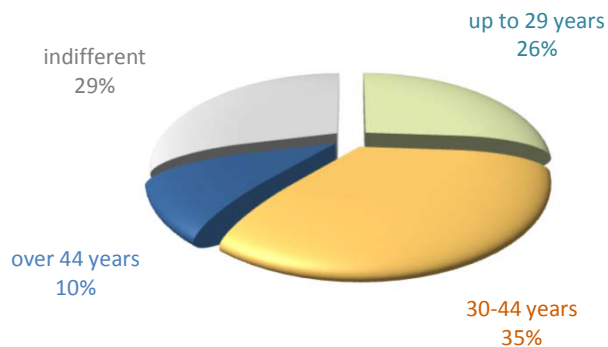


### Other characteristics of the inflow in the region (%)



### CHARACTERISTICS OF INFLOW BY AGE GROUP

#### Expected inflow by age group in the region (%)



#### % of young people up to 29 years against the total inflow:

**26.1%**

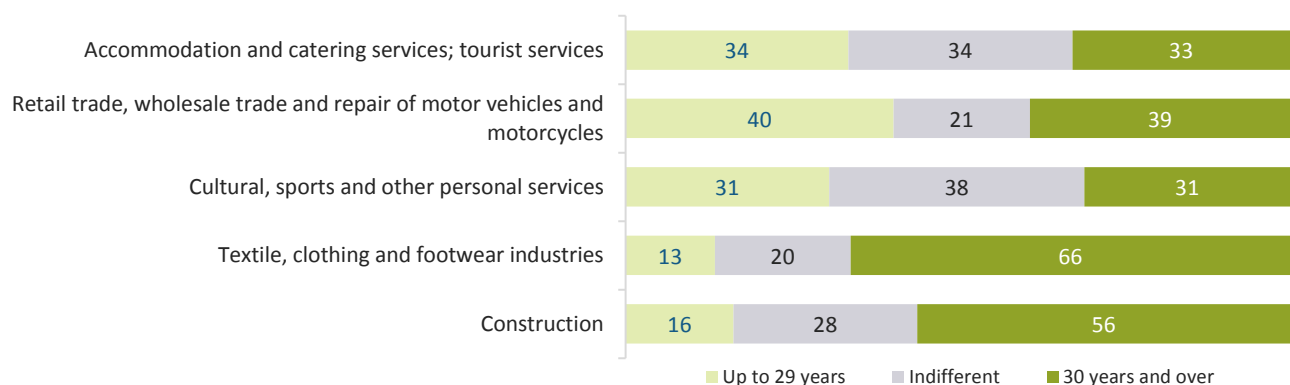
A specific detailed study concerns the age groups of the professional figures requested by companies in the region in 2021, with a detailed breakdown of the professions most requested and of the main business sectors that plan inflow from the younger segment, i.e. the figures with an age explicitly indicated by companies as "up to 29 years". The report that includes "difficulties in recruiting" offers key ideas for analysis with regard to the relationship between training and companies.

### The professions with the greatest difficulty in recruiting young people

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

	Average difficulty in recruiting young people Toscana region 32%	difficult to recruit young people	Inflow of young people
Warehouse management, logistics and purchasing staff	55%	1,660	3,020
Cooks, waiters and other tourist services professions	54%	4,610	8,540
Doctors and other health specialists	52%	970	1,870
Specialists in computer, physical and chemical sciences	49%	860	1,760
Education experts and teachers	45%	210	460
Healthcare, social services and education specialists	44%	90	200
Administrative, financial and production management experts	41%	950	2,300
Social welfare workers in institutions or at home	37%	800	2,130
Designers, engineers and similar professions	36%	380	1,060
Pharmacists, biologists and other life sciences specialists	32%	520	1,630

### The main business sectors seeking young people in the region (%)

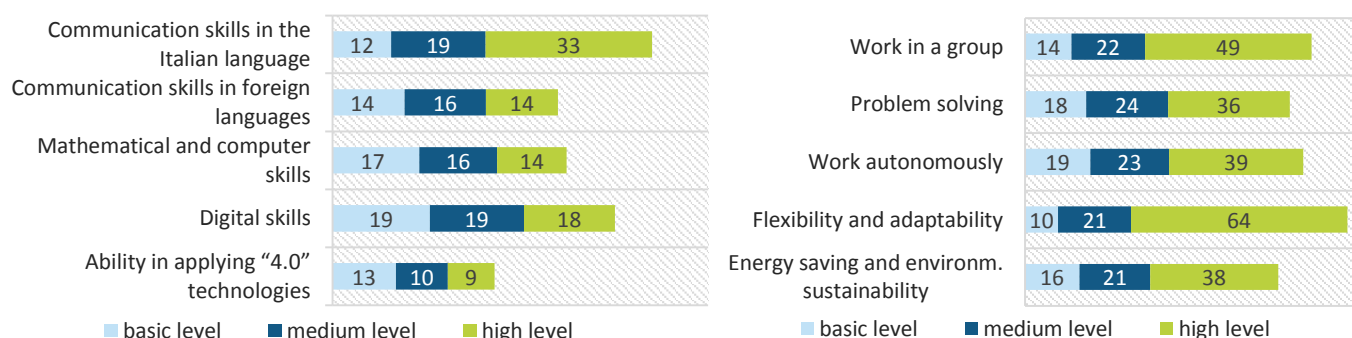


The top sectors for inflow of young people up to 29 years have been selected, as an absolute value

## SKILLS REQUESTED

A skill is the "proven ability to use, in work situations or in professional and personal development, a structured set of knowledge and skills acquired in formal, non-formal or informal learning contexts". This section analyses some of the main skills required by companies for incoming profiles, as well as an in-depth analysis of the main fields of study in the territory and the skills required for each of them.

### The importance of skills for the professional figures required in the region (% of total inflow)



The companies assign each skill a score from 0 (non-requested skill) to 4: the basic level corresponds to the percentage of companies that assign a score of 1 to that skill, the medium level a score of 2 and the high level a score of 3 or 4.

### Skills considered of "high" importance according to the main fields of study in the region\*

Key:	Soft	Green	Technological	Communicative						
from 1% to 33%										
from 34% to 66%										
from 67% to 100%										
	Work in a group	Flexibility and adaptability	Use mathematical and computer methods and languages	Communicate company information in Italian						
	Problem solving	Energy saving and environmental sustainability	Use digital skills	Communicate company information in foreign languages						
	Work autonomously		Use "4.0" technologies to innovate processes							
<b>UNIVERSITY</b>	80%	76%	66%	83%	39%	42%	65%	24%	57%	38%
Economics specialisation	75%	77%	65%	83%	34%	46%	69%	24%	58%	39%
Teaching and education specialisation	87%	80%	65%	92%	36%	26%	54%	9%	39%	31%
Healthcare and paramedical specialisation	83%	56%	47%	64%	16%	11%	31%	7%	42%	11%
<b>HIGHER TECHNICAL EDUCATION (HTE)</b>	68%	66%	64%	78%	51%	46%	65%	36%	51%	30%
<b>SECONDARY (5-year diploma)</b>	56%	43%	43%	69%	38%	15%	26%	9%	41%	18%
Administration, finance and marketing specialisation	59%	47%	45%	69%	29%	20%	44%	8%	54%	26%
Mechanics, mechatronics and energy specialisation	55%	49%	48%	72%	39%	18%	21%	17%	28%	6%
Tourism, food and wine and hospitality specialisation	68%	36%	51%	74%	58%	14%	16%	8%	56%	46%
<b>Professional QUALIFICATION (3-year) or professional DIPLOMA (4-year)**</b>	43%	26%	35%	59%	38%	8%	6%	7%	28%	10%
Catering specialisation	47%	27%	38%	62%	43%	9%	6%	9%	37%	23%
Mechanical specialisation	33%	26%	25%	51%	28%	6%	3%	7%	12%	1%
Sales services specialisation	50%	20%	41%	70%	44%	7%	10%	3%	40%	14%

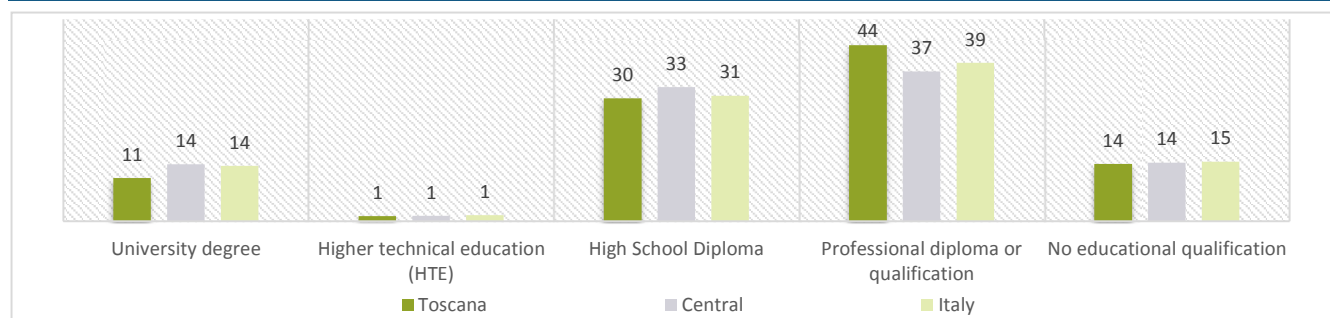
\* The skills with "high" importance are those to which the companies assign a score of 3 or 4.

\*\* The data refers to the potential inflow with a professional diploma or qualification. Please refer to the introductory text on page 6 "The fields of study that offer greatest job opportunities" for the definition of potential inflow.

## FIELDS OF STUDY THAT OFFER THE GREATEST JOB OPPORTUNITIES

Below, there is some data related to the levels of education and qualifications most requested of the inflow of professional figures in 2021. Data on the demand for workers with professional diplomas or qualifications is presented based on two different approaches. In fact, in addition to workers with professional diplomas and qualifications expressly indicated ("explicit inflow"), companies are looking for workers who generically went through "compulsory education". With a specific in-depth study, there have been cases in which the request for workers who have generically gone through "compulsory education" was associated with professions for which there are three-year professional training courses formally included among the 26 in the State Regional Agreement of 1 August 2019. A further potential demand for professional qualifications was thus identified and, when added to the demand explicitly expressed by the companies as part of the survey, provides an overall estimate of the "potential inflow" expected by the companies for which a professional qualification is required.

### Inflow expected by level of education in 2021 (%)\*



\* The data regarding Professional diplomas or qualifications refers to potential inflow

### The fields of study most highly requested in the region

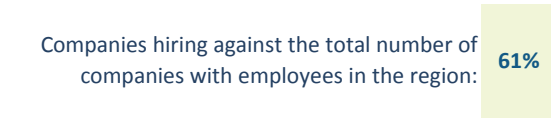
	Expected inflow (a.v.)	% of the total	% difficult to recruit	% with experience
<b>University of whom with post-graduate education</b>	<b>30,910</b>	<b>11%</b>	<b>40%</b>	<b>85%</b>
	4,387	14%	50%	89%
Economics specialisation	8,700		31%	80%
Teaching and education specialisation	3,830		36%	91%
Healthcare and paramedical specialisation	2,560		52%	88%
<b>Higher technical education (HTE)</b>	<b>3,680</b>	<b>1%</b>	<b>56%</b>	<b>77%</b>
<b>SECONDARY (5-year diploma)</b>	<b>87,990</b>	<b>30%</b>	<b>35%</b>	<b>70%</b>
Administration, finance and marketing specialisation	25,330		24%	67%
Mechanics, mechatronics and energy specialisation	10,430		50%	69%
Tourism, food and wine and hospitality specialisation	9,780		40%	73%
<b>Professional qualification (3-year) or professional diploma (4-year)</b>	<b>explicit inflow 67,110</b>	<b>23%</b>	<b>42%</b>	<b>69%</b>
	<b>potential inflow 126,100</b>	<b>44%</b>	<b>34%</b>	<b>66%</b>
Catering specialisation	18,200		27%	68%
	35,930			
Mechanical specialisation	9,280		38%	64%
	17,890			
Sales services specialisation	5,880		27%	45%
	13,370			
<b>No educational qualification</b>	<b>explicit inflow 99,980</b>	<b>35%</b>	<b>25%</b>	<b>59%</b>
	<b>potential inflow 40,990</b>	<b>14%</b>	<b>25%</b>	<b>54%</b>

The percentages of difficult to recruit inflow and inflow with experience refer to potential inflow

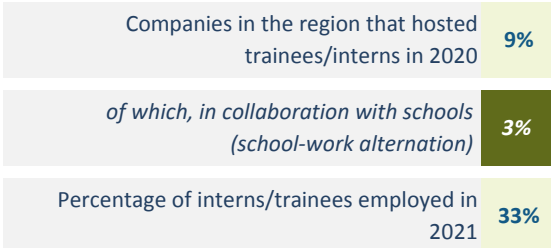
**SEVERAL CHARACTERISTICS OF THE COMPANIES**

This page presents several characteristics of the companies that are hiring, highlighting the relative share of the total number of companies with employees present in the region, and detailed breakdown by size class. The training carried out by companies for their employees in 2020 and 2021 and the share of companies that hosted trainees/interns in 2020 is also analysed. The page also presents some data on the investments made by companies in the various areas of digital transformation in 2021 and on the channels for selecting incoming personnel.

**Companies hiring in 2021**



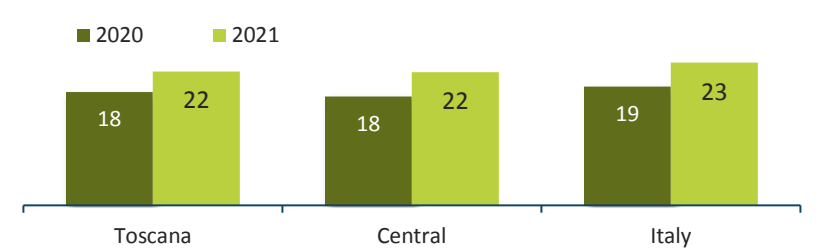
**Training and internship activities**



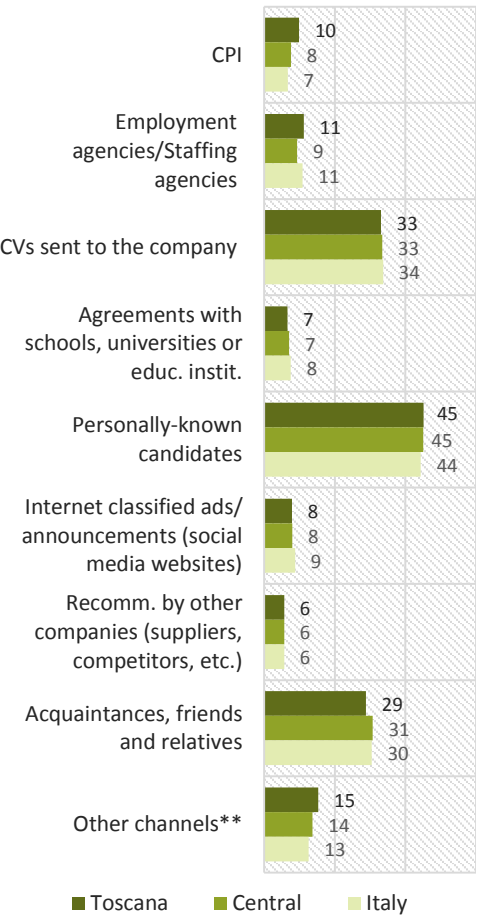
**Inflow by company size class in 2021 (%)**



**Companies that held training courses for its employees (% of total companies)**



**Selection channels used by the companies\* (% of the total number of companies that indicate at least one selection channel)**



**Areas of digital transformation\* (% of companies that made investments)**



\* This is a multiple choice question

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

\* Companies that declared they made investments of high importance for corporate strategies in the 2016-2020 period and in 2021 in relation to each aspect of digital transformation

**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 up until August 2021, mainly by using the compilation technique in CAWI mode, carrying out approximately 282,500 interviews at companies, a representative sample of companies with employees in 2020 in the various industrial and service sectors. The main innovation introduced, starting from the 2017 survey, concerns the adoption of specific modelling of the historical series of data, obtained from administrative sources on businesses and employment and appropriately integrated with the sample data relative to each monthly survey, in order to assess the forecasted inflow. The concept of inflow (i.e. the number of work contracts that companies intend to enter into within a given period) and their relative characteristics has also been extended to the flow of collaborators, agency workers, and other non-salaried workers, in addition to the employment of salaried 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 projection of the data from the monthly surveys and the strengthening of the integration between these and the administrative data, through a forecast model, as previously mentioned, allow comparisons with the forecasts made in the years prior to 2017 only in trend and qualitative terms. In this bulletin, the analysis focuses mainly on the characteristics of the planned inflow in 2021, according to the professional profiles and levels of education requested. The results of the survey are available at provincial and regional level according to a variable number of economic sectors, obtained as a grouping of economic activity codes of the ATECO2007 classification. The distribution of inflow envisaged by "professional group" refers to the codes of the ISTAT CP2011 classification.*

**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 acknowledgement of the source: Unioncamere - ANPAL, Excelsior Information System.*