



Labour market analysis in Romania

Prepared for AmCham Romania
August 2023



AmCham has been seeking support in preparing a labour market analysis following its members' concern on workforce availability in Romania

Context and objectives of the analysis

Context

- AmCham is one of the most important voice of the business environment in Romania, representing about over 540 members, American, international and Romanian companies, multinational companies, SMEs and start-ups.
- During its 30 years of activity in Romania, AmCham has had a strong contribution to facilitating the dialogue between the business community and the public sector and promoting transparent solutions and priorities for raising Romania's attractiveness for investments.
- Over the past years, Romania's workforce availability, especially in most developed counties/regions, has raised concerns among companies regarding their potential development.
- **To address the current labour deficit and its impact on Romania's economic development, AmCham is willing to commission a "Labour market analysis".**
- **In this endeavour, AmCham is also interested in identifying a series of recommendations to be discussed with relevant stakeholders.**

Objectives

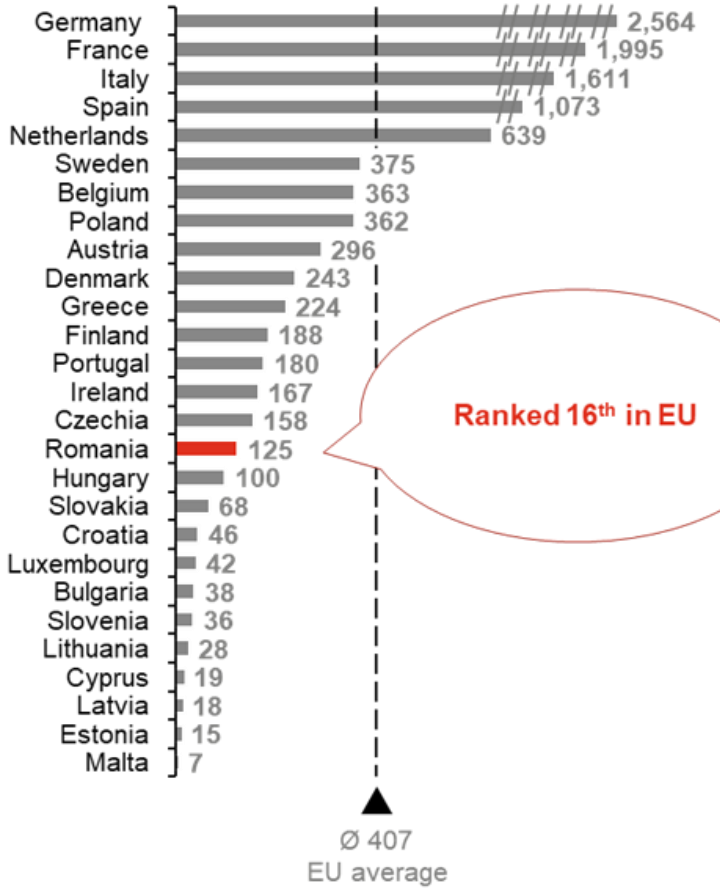
- Have a clear image on the current context of the labour market in Romania
- Estimation of the labour deficit
- The economic impact of the labour deficit and scenarios for partially covering the deficit
- Recommendations for both public and private sectors based on the proposed scenarios

A photograph of a modern industrial facility. A large yellow robotic arm is the central focus, positioned in a well-lit room with large windows overlooking a forest. Two people, a man and a woman, are standing next to the robot, looking at it. The man is wearing a maroon shirt and blue jeans, and the woman is wearing a grey dress. The background shows industrial equipment and a fire extinguisher. A red banner is overlaid on the bottom left of the image.

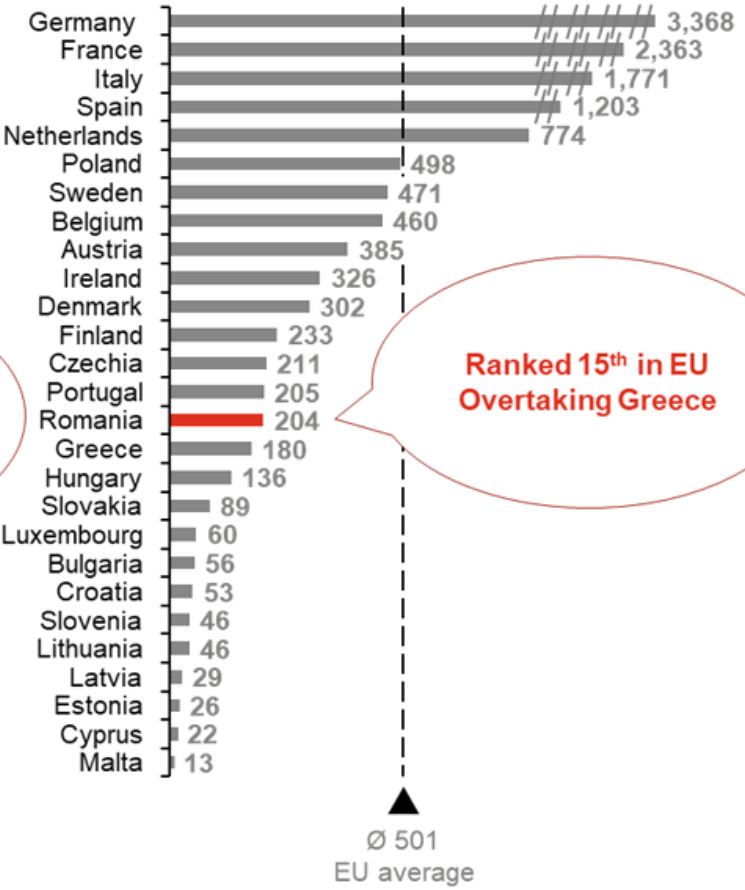
Romania's current labour market landscape

Since its EU accession in 2007, Romania's economy has more than doubled, moving up 4 positions in the EU ranking from 16th in 2010 to 12th in 2022, leading to increased labour demand

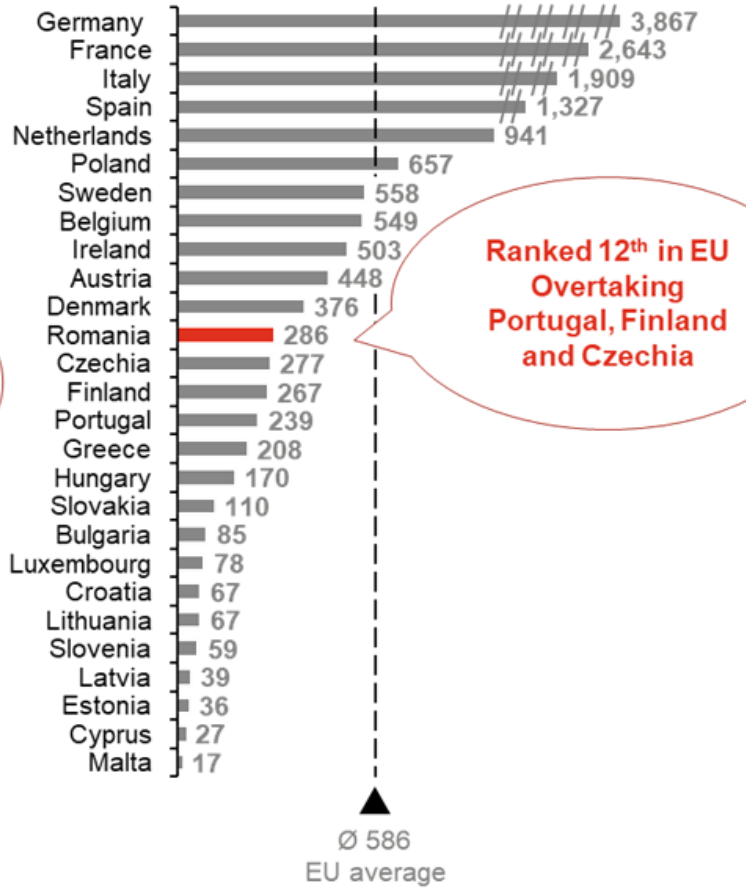
Nominal GDP (billion EUR, 2010)



Nominal GDP (billion EUR, 2018)

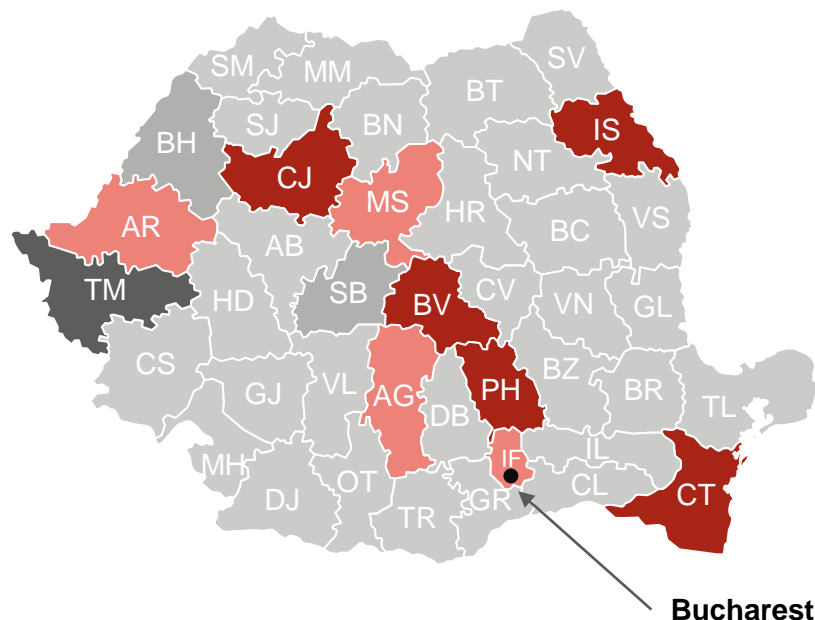


Nominal GDP (billion EUR, 2022)



At the same time, integration into the EU single market led to agglomeration effects, resulting in development concentration in certain regions/counties and high regional disparities

Index¹ of development concentration (based on PwC analysis)



Key indicators used to estimate the Index (2021)

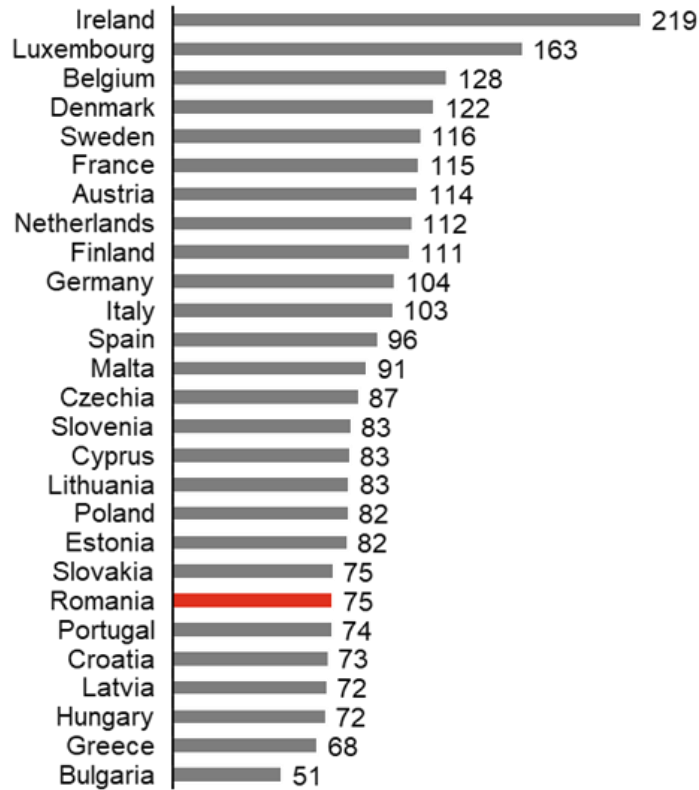
| County | GDP (bn EUR) | Population ('000 people) | Employees ('000 people) | FDI stock (bn EUR) |
|----------------|--------------|--------------------------|-------------------------|--------------------|
| Bucharest | 59.0 | 1,800 | 965 | 48.7 |
| Timis (TM) | 11.3 | 705 | 235 | 4.6 |
| Cluj (CJ) | 12.5 | 709 | 234 | 2.1 |
| Constanta (CT) | 9.6 | 672 | 176 | 1.8 |
| Prahova (PH) | 9.2 | 713 | 173 | 2.6 |
| Brasov (BV) | 8.3 | 554 | 177 | 2.7 |
| Iasi (IS) | 8.1 | 793 | 165 | 0.5 |

Intense economic activity is concentrated in more attractive regions for foreign direct investments, i.e. regions that include **universities and developed services such as IT&C clusters & financial activities, most of them being located in Bucharest-Ilfov, but also industry, which is located in the North-West and West regions.**

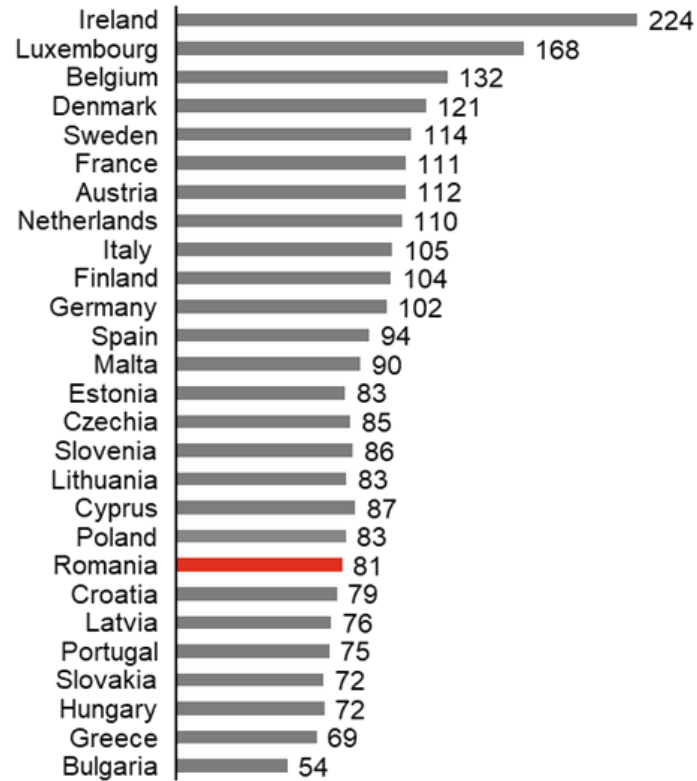
(1) Index computed by PwC based on 4 sub-indices: GDP, population, employees, FDI stock (2021). The map highlights only top counties.
Source: National Institute for Statistics, National Bank of Romania, PwC analysis.

Romania has made progress in narrowing the productivity gap with peer countries (Czech Republic and Poland) in recent years, despite still lagging behind more developed nations

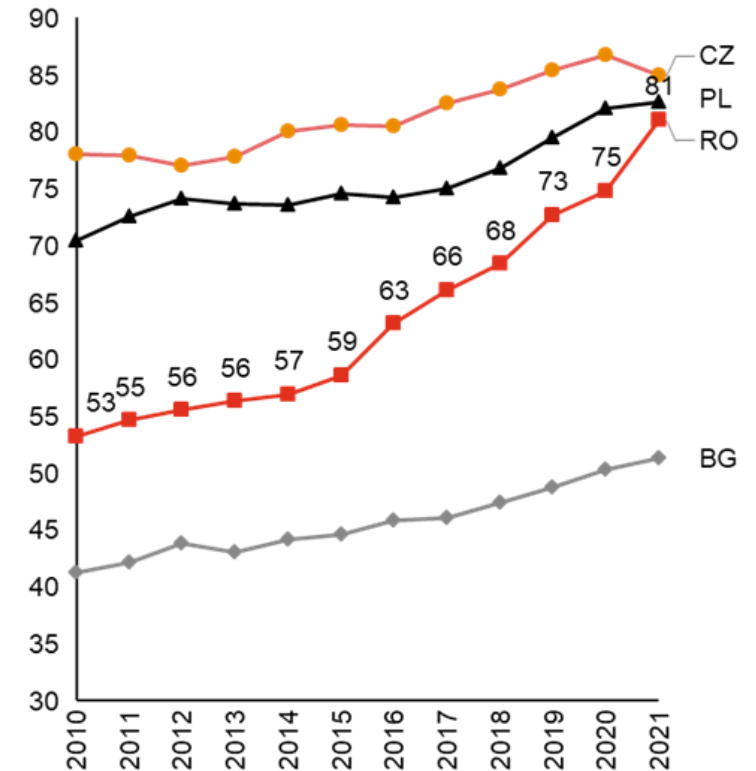
Labour productivity (% of EU, EU @100, 2020)



Labour productivity (% of EU, EU @100, 2021)



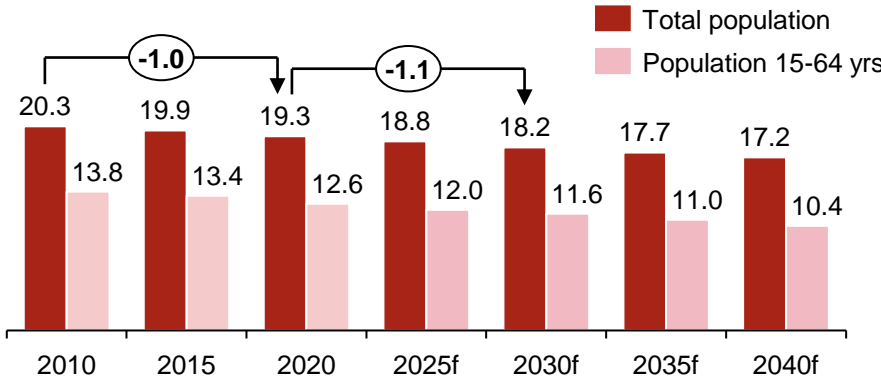
Labour productivity evolution in selected countries (% of EU, EU @100)



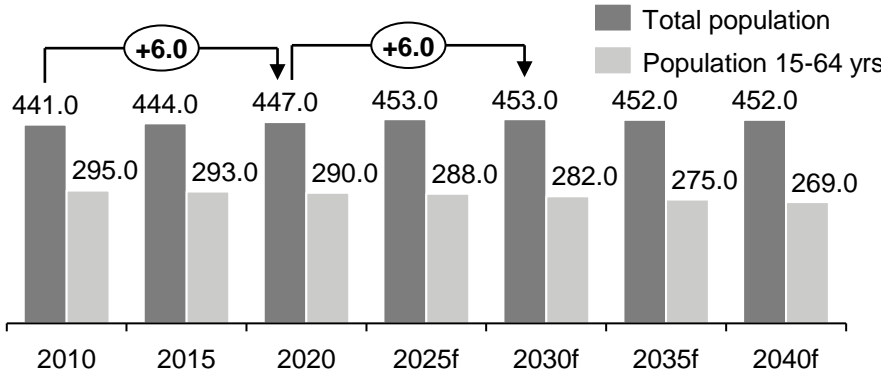
The labour productivity reflects Romania's productivity level as share of total EU-27 (100%).

From a demographic perspective, Romania's population decreased by 1 million between 2010 and 2020, and it is expected to decline by another million between 2020 and 2030, consisting in active population aged 15-64yrs

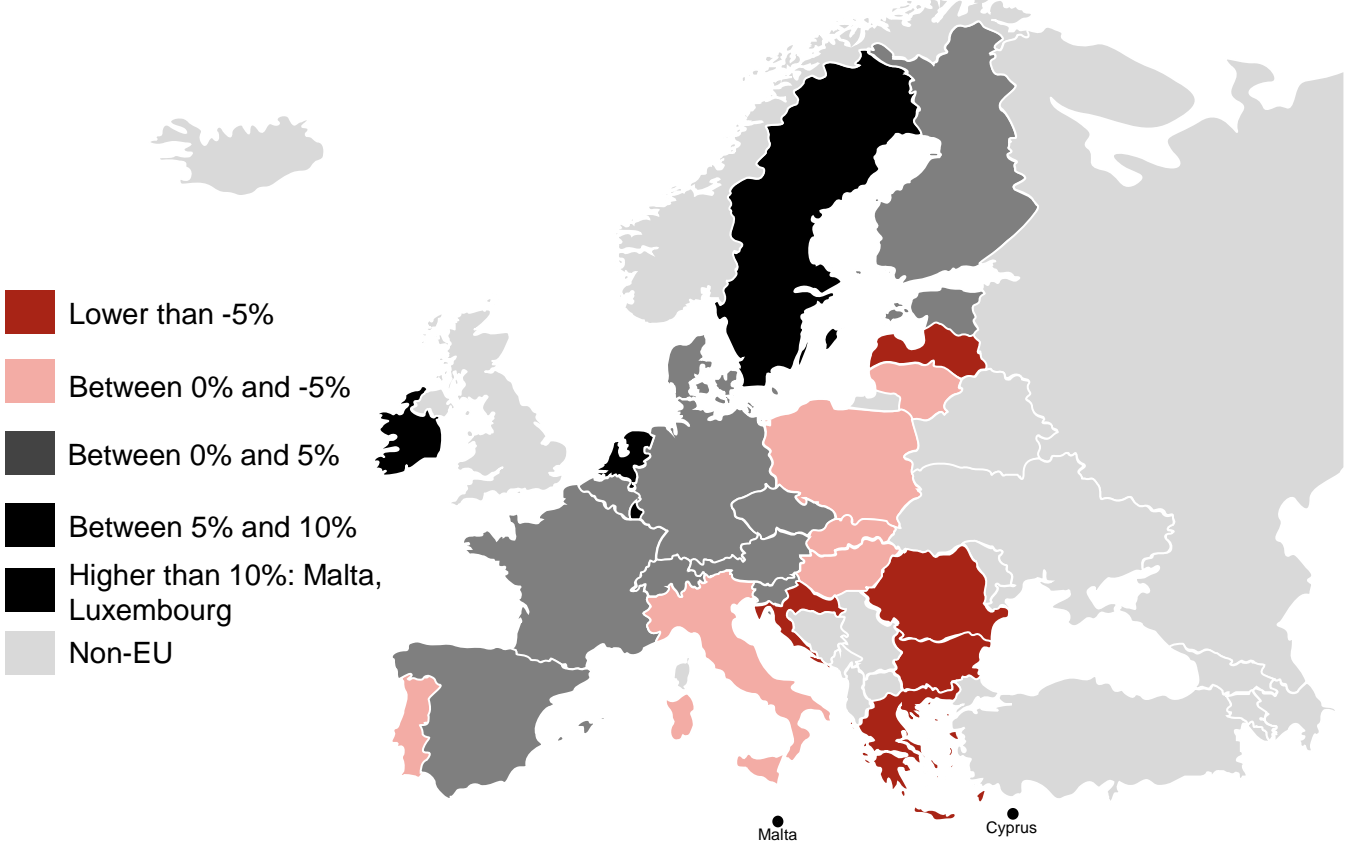
Romania's population evolution & forecast (million people)



EU's population evolution & forecast (million people)



Total population projection at EU level (change 2030 vs 2020,%)

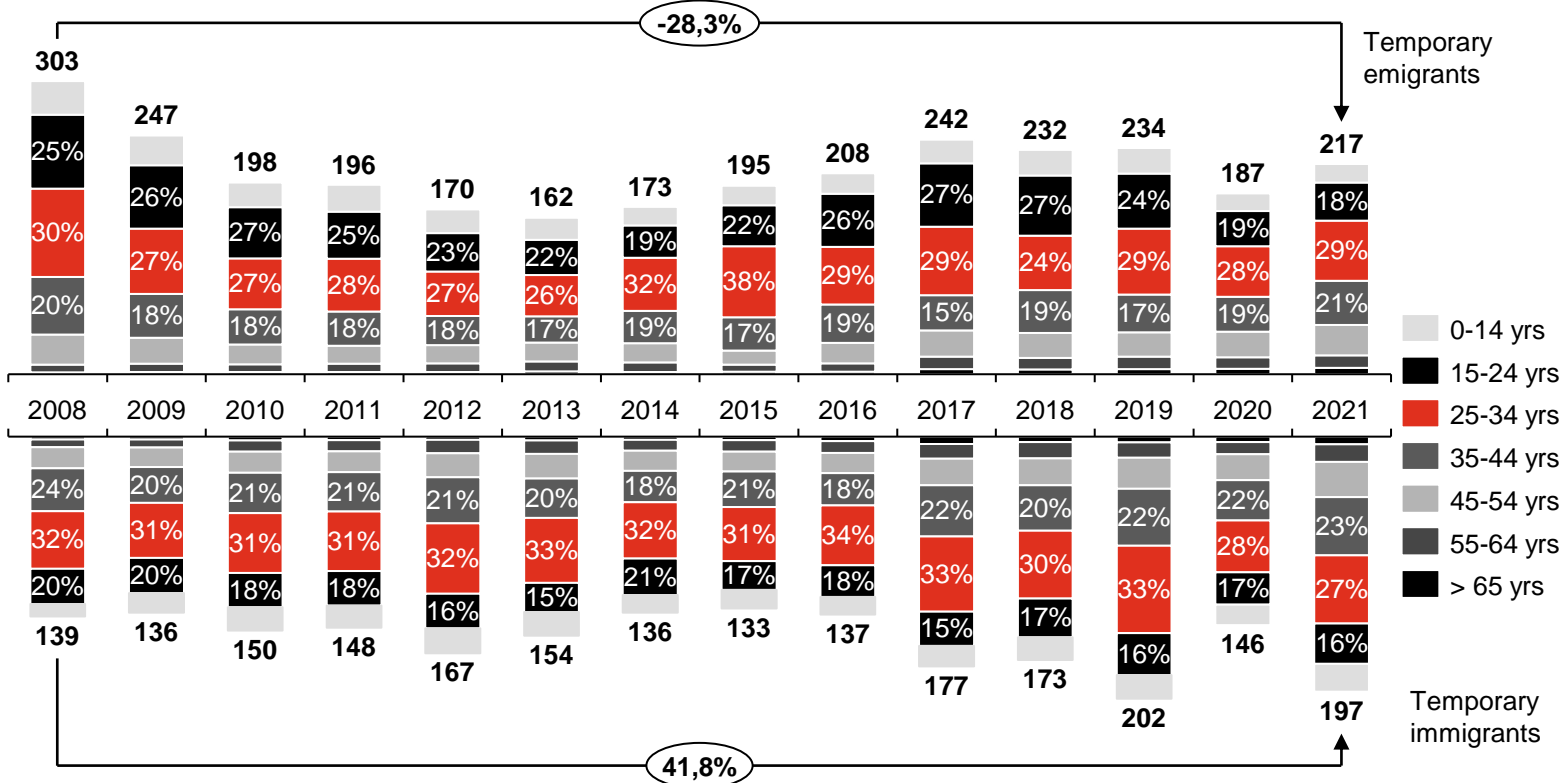


Moreover, high emigration is one of the main causes for the current labour deficit in the country, as 70% of Romanian emigrants represented active labour force aged between 15-44 years

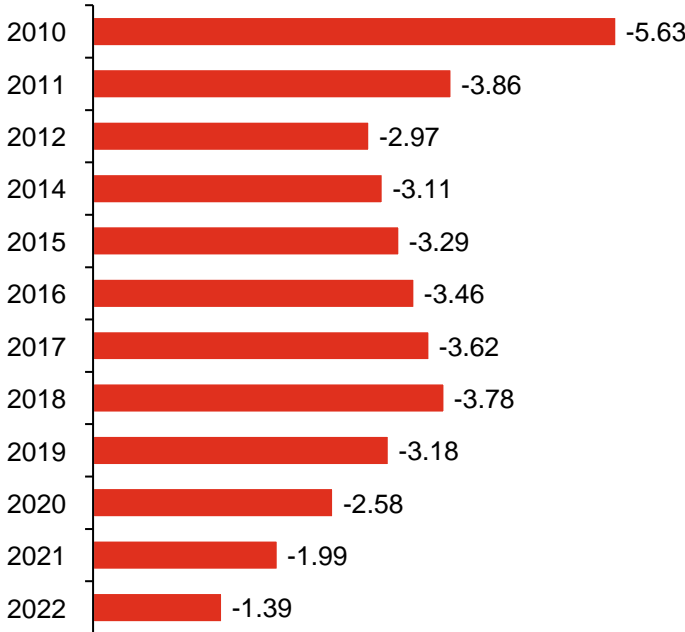
High migration

Between 2.5 and 4 million Romanians live in other states (WB, 2019, 2020), representing almost 25% of the total population. In recent years the net migration rate started to decrease, as a consequence of reduced emigration and increased non-EU immigrants.

Migration evolution by age ('000 people, 2008-2021)

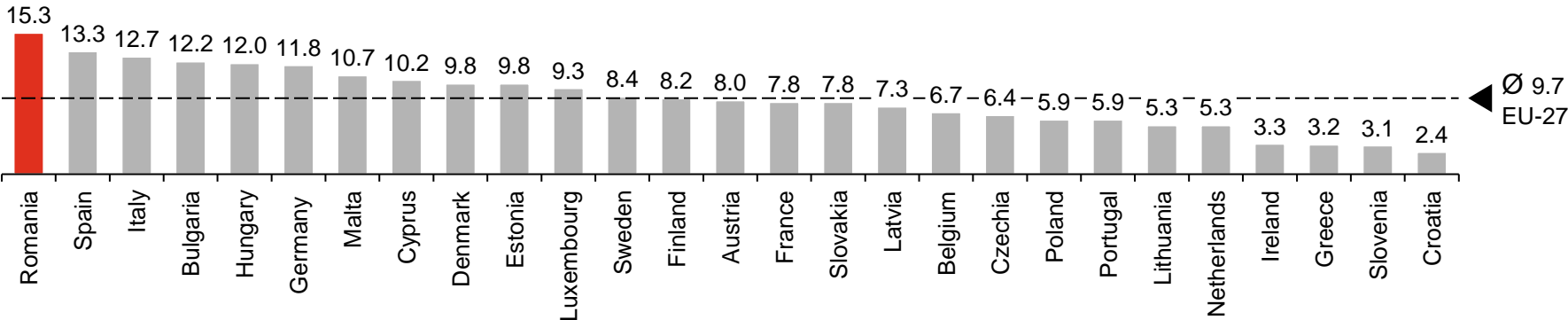


Romania's net migration rate (persons/1,000 inhabitants)

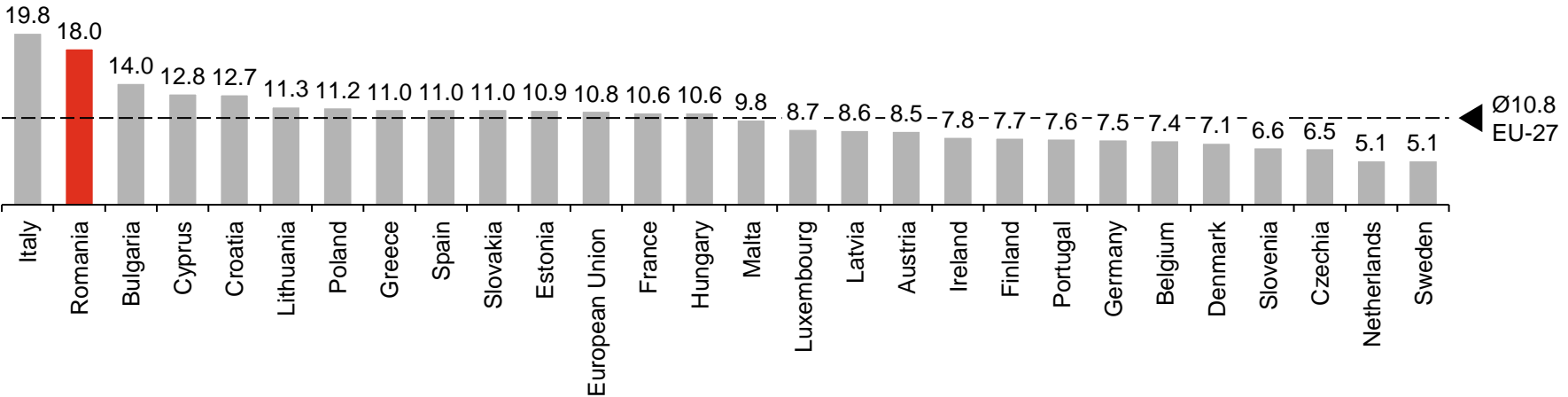


Romania experienced the highest rates of early school leaving in the EU: 15.3% in 2021, compared to an EU average of 9.7%

Early leavers from education and training (18-24 years, %, 2021)



Not employed educated or in training – NEET (15-24 years, %, 2021)



Key insights

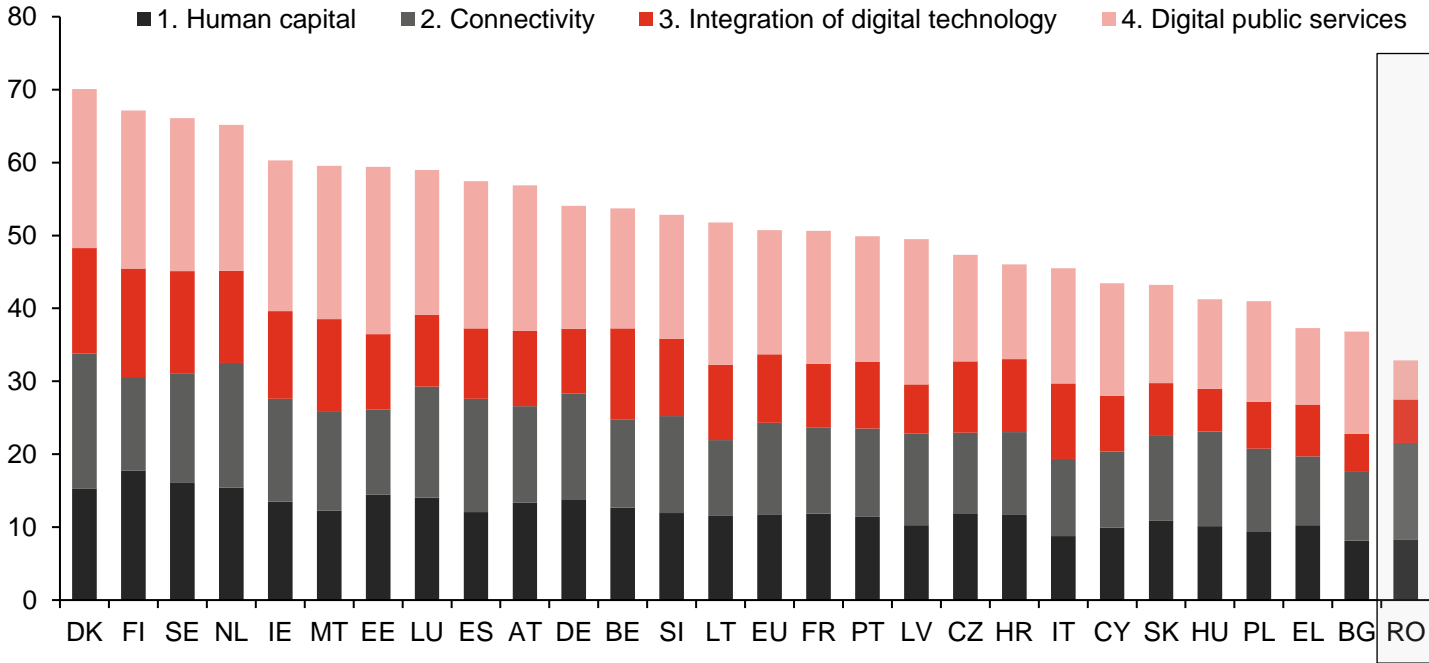
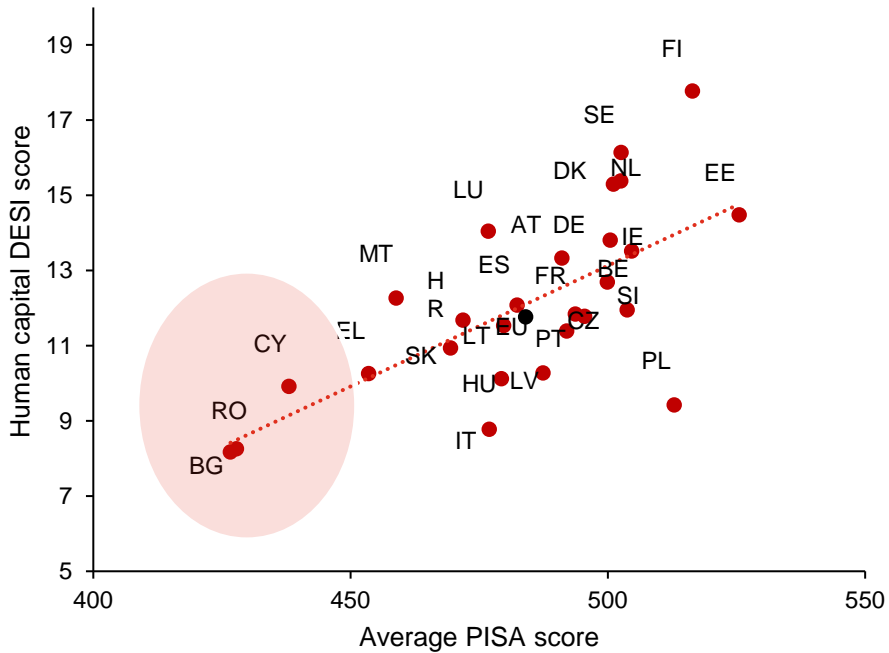
- According to the Romanian Country Report 2022, the effects of the COVID-19 crisis increased the risk of early school leaving, which is already particularly affecting those from disadvantaged groups, including those in rural areas.
- The NEETs rate remained one of the highest within the EU and increased with 3.2 pp between 2020 and 2021 in Romania from 14.8% to 18.0%. This highlights RO's limited progress in addressing the education challenges.
- Moreover, The share of adults participating in learning activities, at 4.9% in 2021, is among the lowest in the EU, and only 28% have at least basic digital skills (compared to the EU average of 54% in 2021).
- Labour shortages and skills mismatches persist. Approximately 36% of workers do not work in the field of their studies, leading the EU mismatch (EU average 28.6%).

Source: Eurostat, European Commission, PwC analysis.

The relation between PISA score & the use of digital tools* highlights a major challenge in the digitalisation process of the country

Relation between PISA score (2018) & Human Capital DESI (2022)

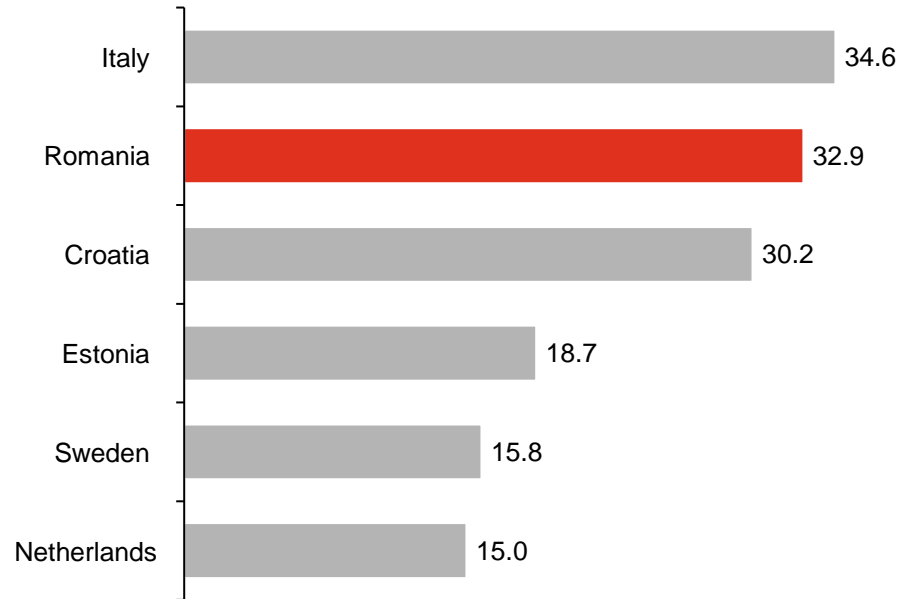
Digital Economy and Society Index (2022)



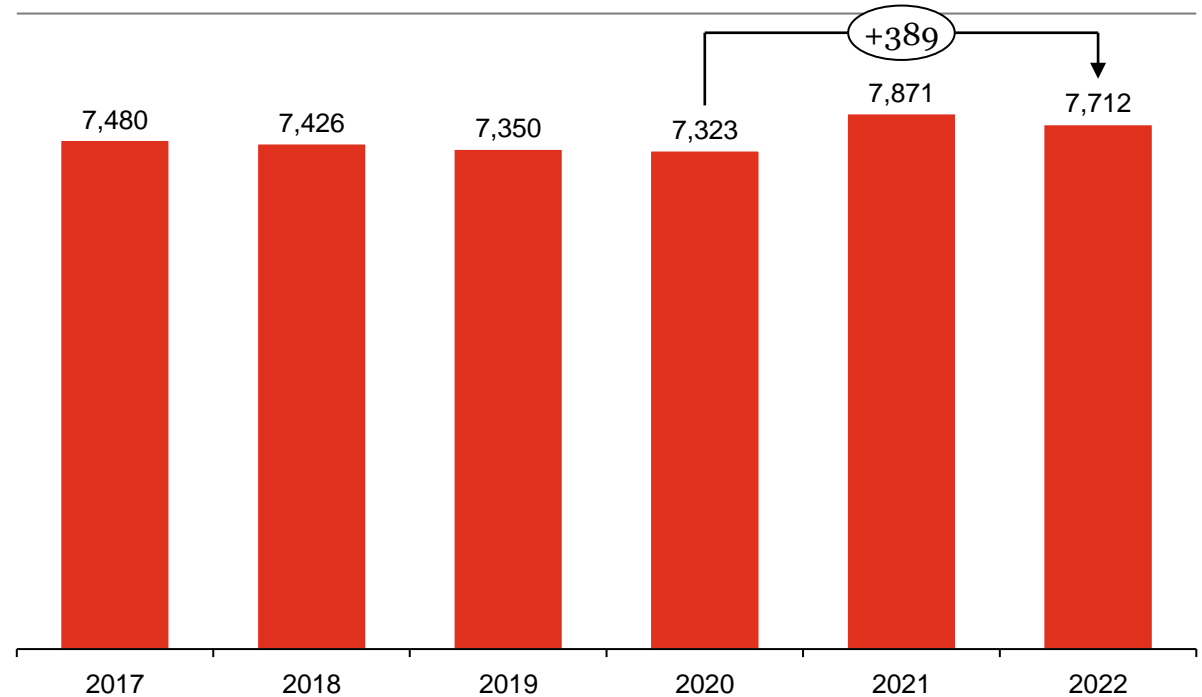
*Human Capital DESI represents a proxy for the use of digital tools
 Source: DESI – European Commission, PISA – OECD, PwC analysis

Another labour market structural problem is the high share of inactive population, the second largest in the EU, after Italy. The COVID-19 pandemic increased the inactive population by about 400,000 people

Highest and lowest proportion of persons outside the labour market in EU (% , 2015 - 2021)



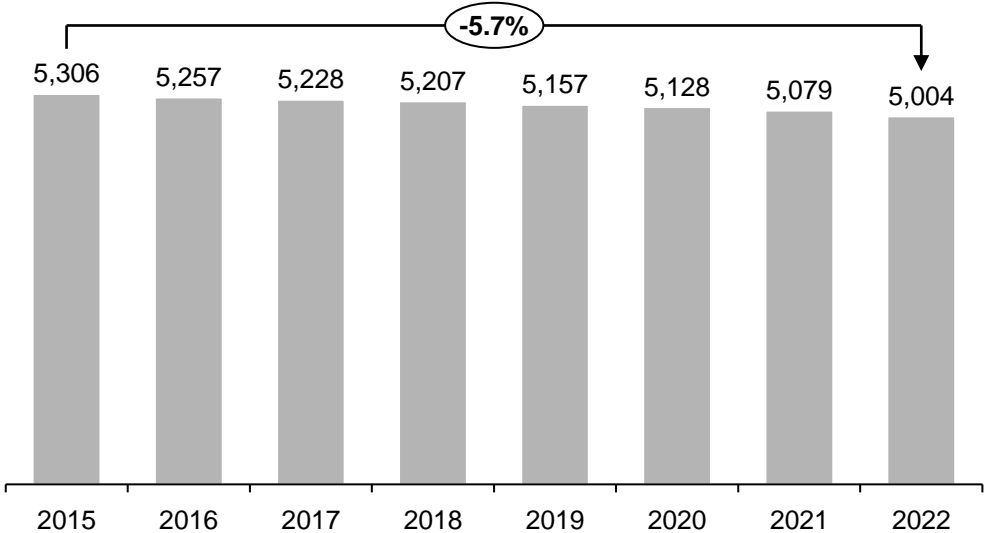
Inactive population evolution in Romania ('000 people, 2017 - 2022)



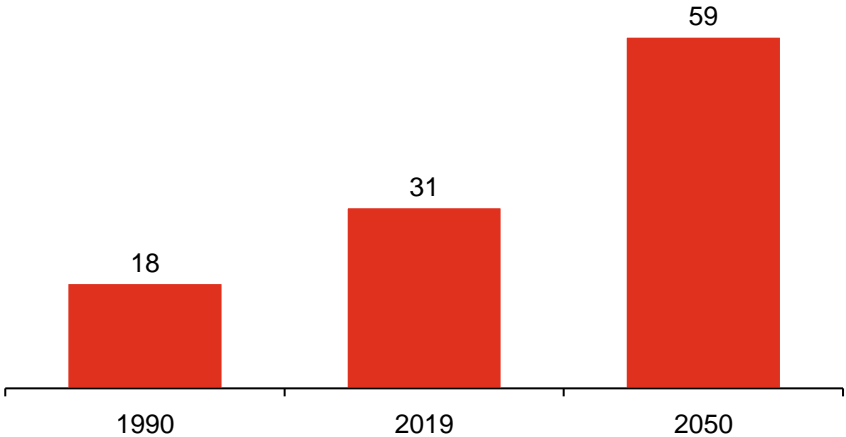
- About a half of the inactive population in Romania are high school (30.6%) and secondary-vocational education graduates (17.4%)
- 62% of the inactive population are women

Despite a decline in the number of pensioners, the long-term projection shows an increasing senior age dependency ratio, which will further strain national pension systems

Number of pensioners ('000 people, 2015 - 2022)



Old age dependency ratio (% , 1990, 2019, 2050)



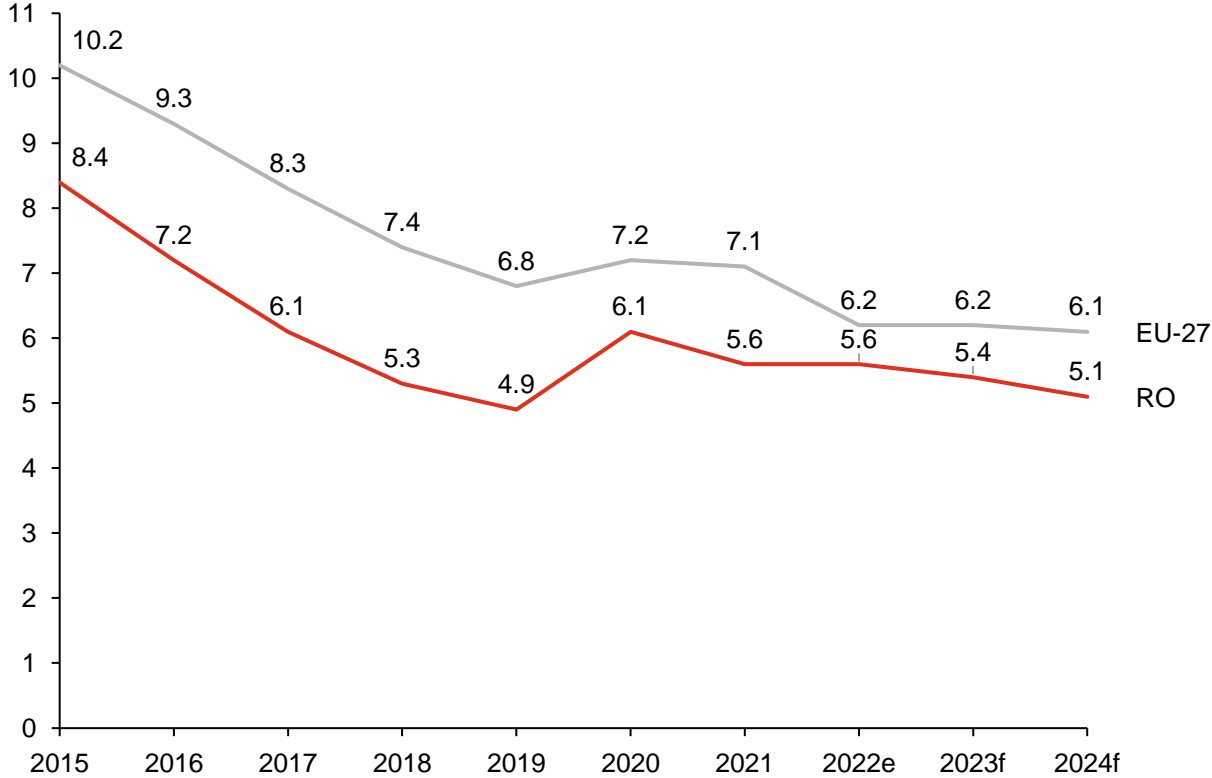
- The number of pensioners decreased in the last years following a positive change in the employment among people aged 55-64yrs, respectively from an average of 39% (out of total population aged 55-64yrs) in 2017 to 49% in 2022, consisting in a 10pp increase.
- Also, in 2020 and 2021, as a consequence of the COVID-19 pandemic, the number of deaths among people aged 55-79yrs increase by an average of 27,000 people per year compared to the 2015-2019 average (127,039 people).

Note: the old-age dependency ratio is calculated as the number of people aged ≥65 years divided by the number of people aged 20-64 years, expressed as a percentage. 2050: population according to the 2019 projections, baseline variant (EUROPOP2019).

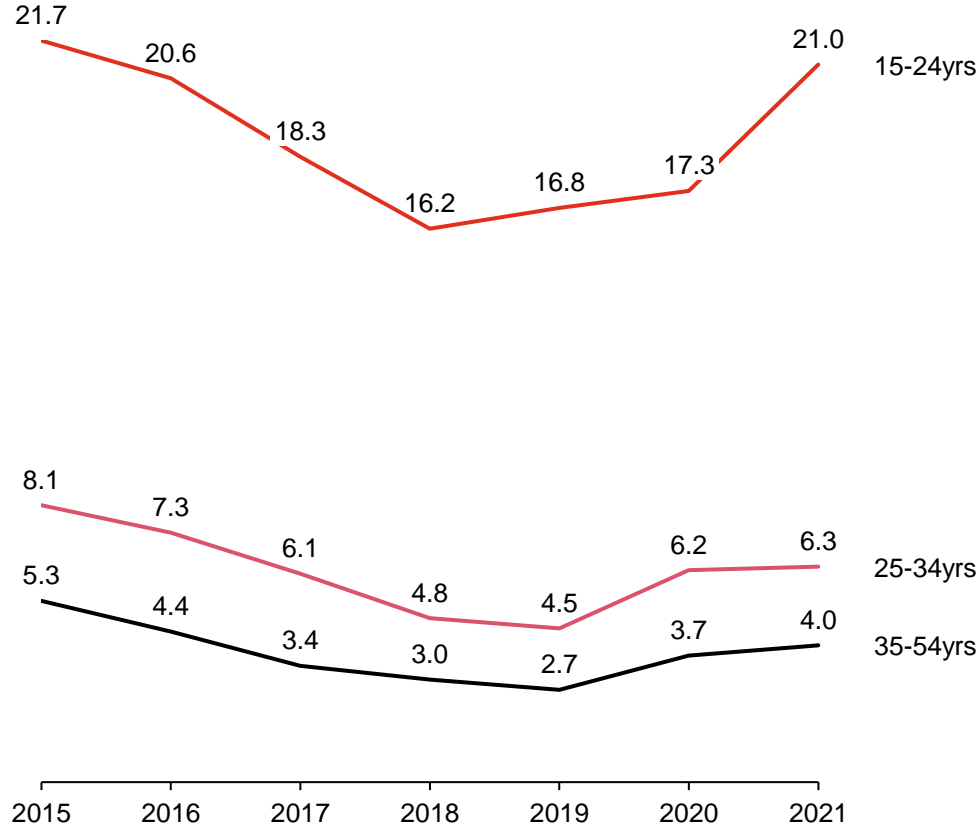
Sources: Eurostat, National Institute for Statistics, PwC analysis

The unemployment rate, although remaining low compared to other EU countries substantiates the structural problems: 2 out of 10 Romanians aged 15-24yrs are unemployed

Unemployment rate (BIM, %, 15-74 yrs)

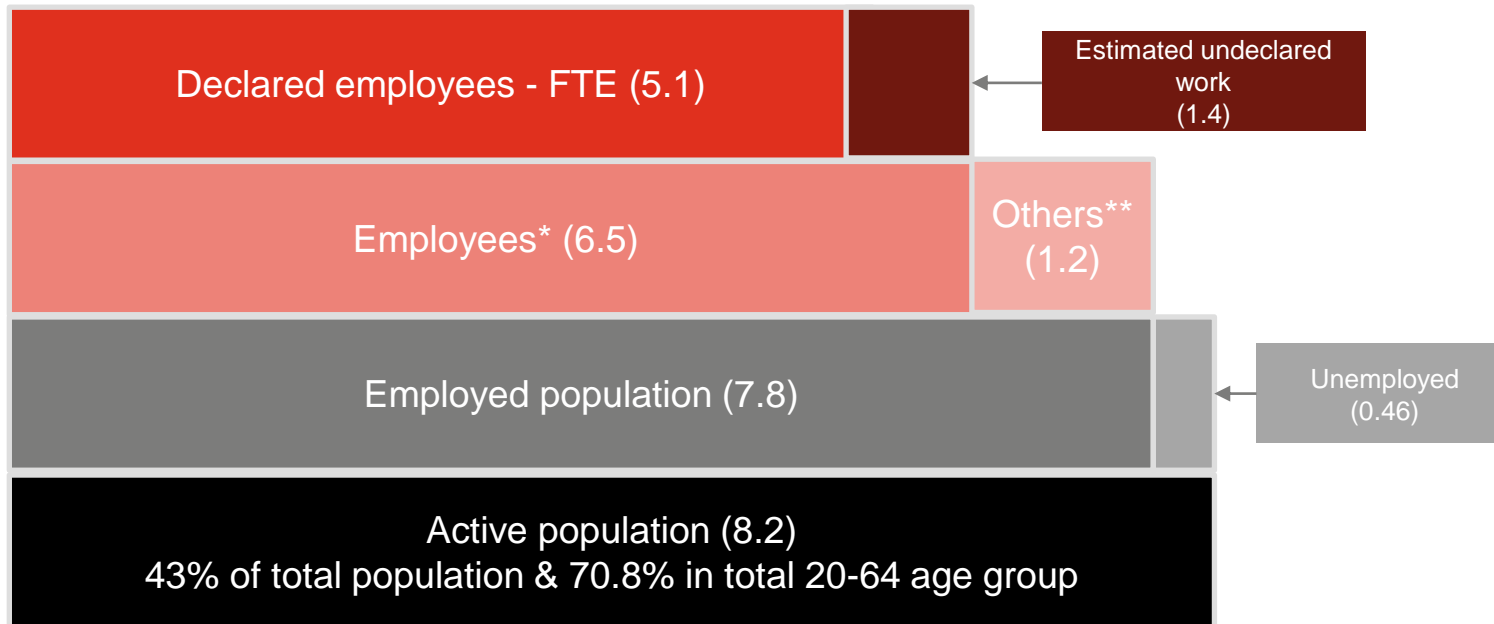


Age unemployment rate evolution in Romania (2015 – 2021)



Moreover, the high share of undeclared work, estimated at 1.4 million people has a negative impact on workforce supply and official labour market data

Estimations of labour market structure in Romania (million people, 2021)



*Including army employees and people working informally (undeclared work)

**Other categories: employers, self-employed, unpaid family workers

Key insights

- Informal or undeclared work is estimated at around 1.4 million people, accounting for almost 25% of out of total 5.1 average number of employees (FTE).
- This represents a major issue, especially in the context of Romania's low employment rate (68.5% in 2022) compared to the EU average (75% in 2022).
- The informal and undeclared work put pressure on state revenues collection and has a negative impact on the workforce supply.
- Last but not least, a high rate of undeclared work limits the estimations on labour supply leading to further challenges for investment decisions.

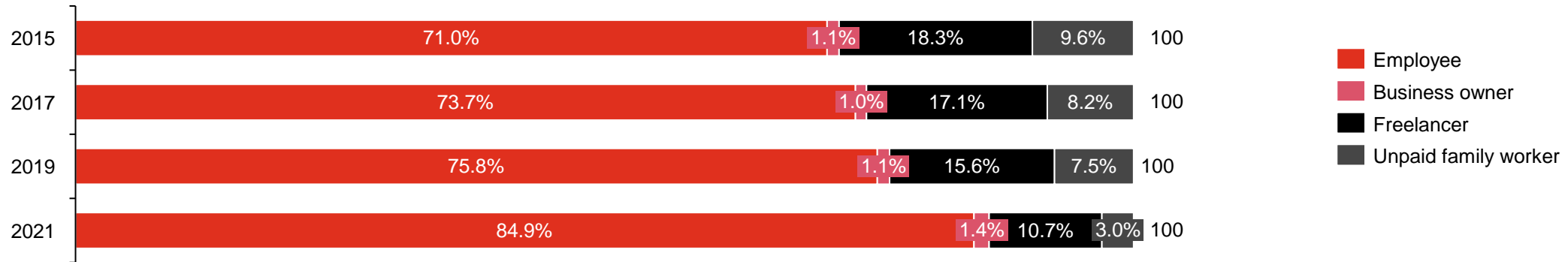
Note: FTE – Full Time Employee

Note: The figures reflect Labour Force Survey, they are slightly different compared to National Accounts data

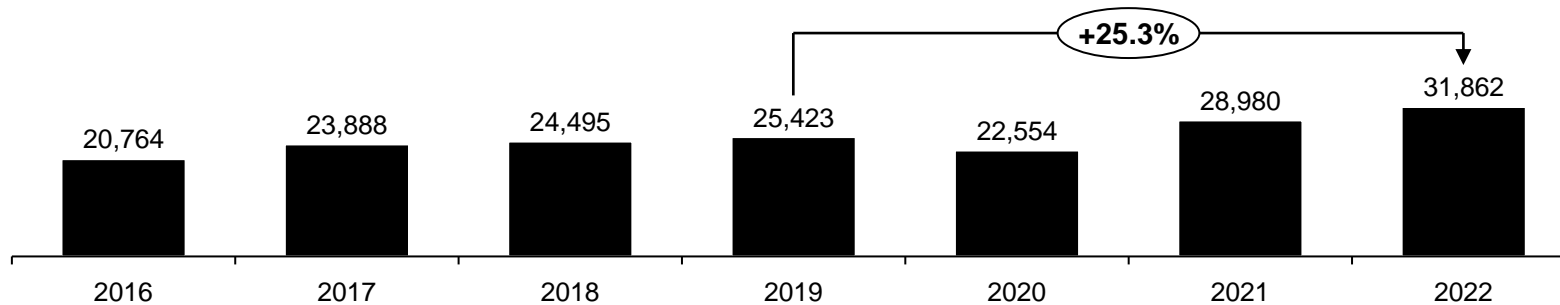
Source: National Institute for Statistics, Hotnews – WB (2021) – estimated undeclared work, PwC analysis

The high economic expansion in the last years supported a boost in the share of employees as total employment, while the share of freelancers and unpaid family workers decreased

Total employment structure development in Romania (2015 - 2021)



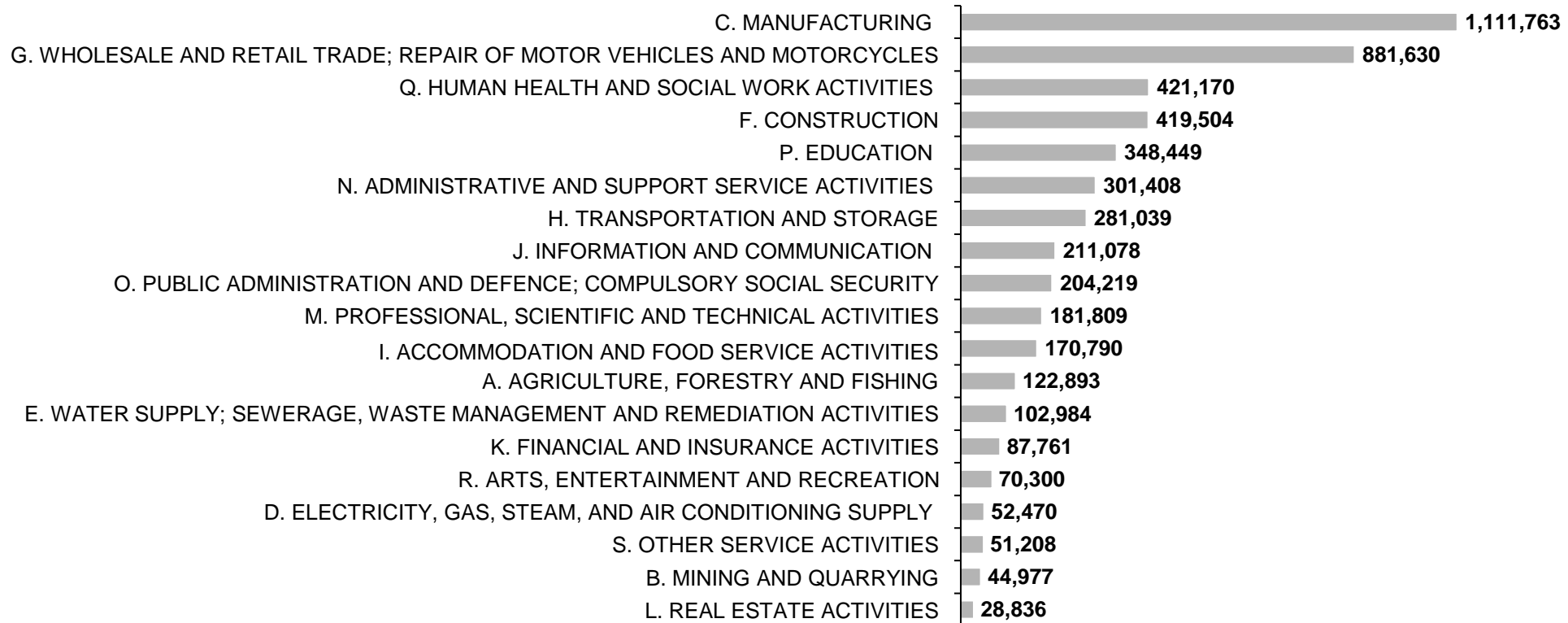
Evolution in the number of freelancers - authorized persons - PFA (2015 - 2021)



Source: National Institute for Statistics, National Trade Register Office, PwC analysis.

Manufacturing, retail and healthcare are the sectors with the highest number of employees. The 3 sectors account for 47% of the average number of employees in Romania

Average number of employees structure in Romania (2022)



ICT (24%), healthcare (15%) and professional, scientific and technical activities (15%) are the sectors with the highest employee increase rates between 2017 and 2021

Average number of employees change in Romania (2021 vs 2017)

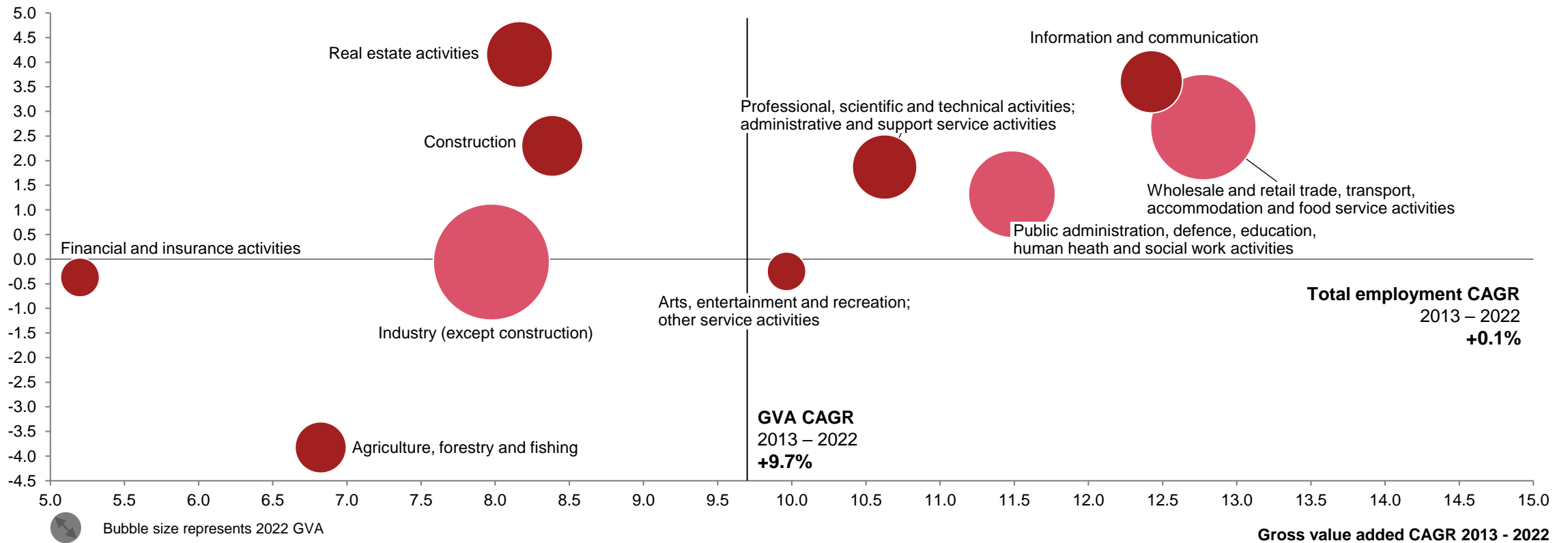
| Sector | 2017 | 2021 | Change 2021 vs 2017 (%) |
|---|------------------|------------------|-------------------------|
| A. AGRICULTURE, FORESTRY AND FISHING | 121,720 | 122,893 | 1% |
| B. MINING AND QUARRYING | 51,447 | 44,977 | -13% |
| C. MANUFACTURING | 1,195,118 | 1,111,763 | -7% |
| D. ELECTRICITY, GAS, STEAM, AND AIR CONDITIONING SUPPLY | 52,600 | 52,470 | 0% |
| E. WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES | 101,810 | 102,984 | 1% |
| F. CONSTRUCTION | 370,415 | 419,504 | 13% |
| G. WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES | 833,932 | 881,630 | 6% |
| H. TRANSPORTATION AND STORAGE | 276,909 | 281,039 | 1% |
| I. ACCOMMODATION AND FOOD SERVICE ACTIVITIES | 169,837 | 170,790 | 1% |
| J. INFORMATION AND COMMUNICATION | 170,274 | 211,078 | 24% |
| K. FINANCIAL AND INSURANCE ACTIVITIES | 88,591 | 87,761 | -1% |
| L. REAL ESTATE ACTIVITIES | 27,747 | 28,836 | 4% |
| M. PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES | 158,459 | 181,809 | 15% |
| N. ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES | 290,120 | 301,408 | 4% |
| O. PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY | 200,038 | 204,219 | 2% |
| P. EDUCATION | 352,153 | 348,449 | -1% |
| Q. HUMAN HEALTH AND SOCIAL WORK ACTIVITIES | 367,231 | 421,170 | 15% |
| R. ARTS, ENTERTAINMENT AND RECREATION | 68,041 | 70,300 | 3% |
| S. OTHER SERVICE ACTIVITIES | 49,426 | 51,208 | 4% |
| Total | 4,945,868 | 5,094,288 | 3% |

Sectors with highest decline in the average number of employees: mining (-13%) and manufacturing (-7%) as a consequence of energy transition and automation. The trend is expected to continue.

Moreover, service intensive sectors recorded an above average growth rate both in terms of gross value and total employment

Evolution of gross value added and total employment by sector

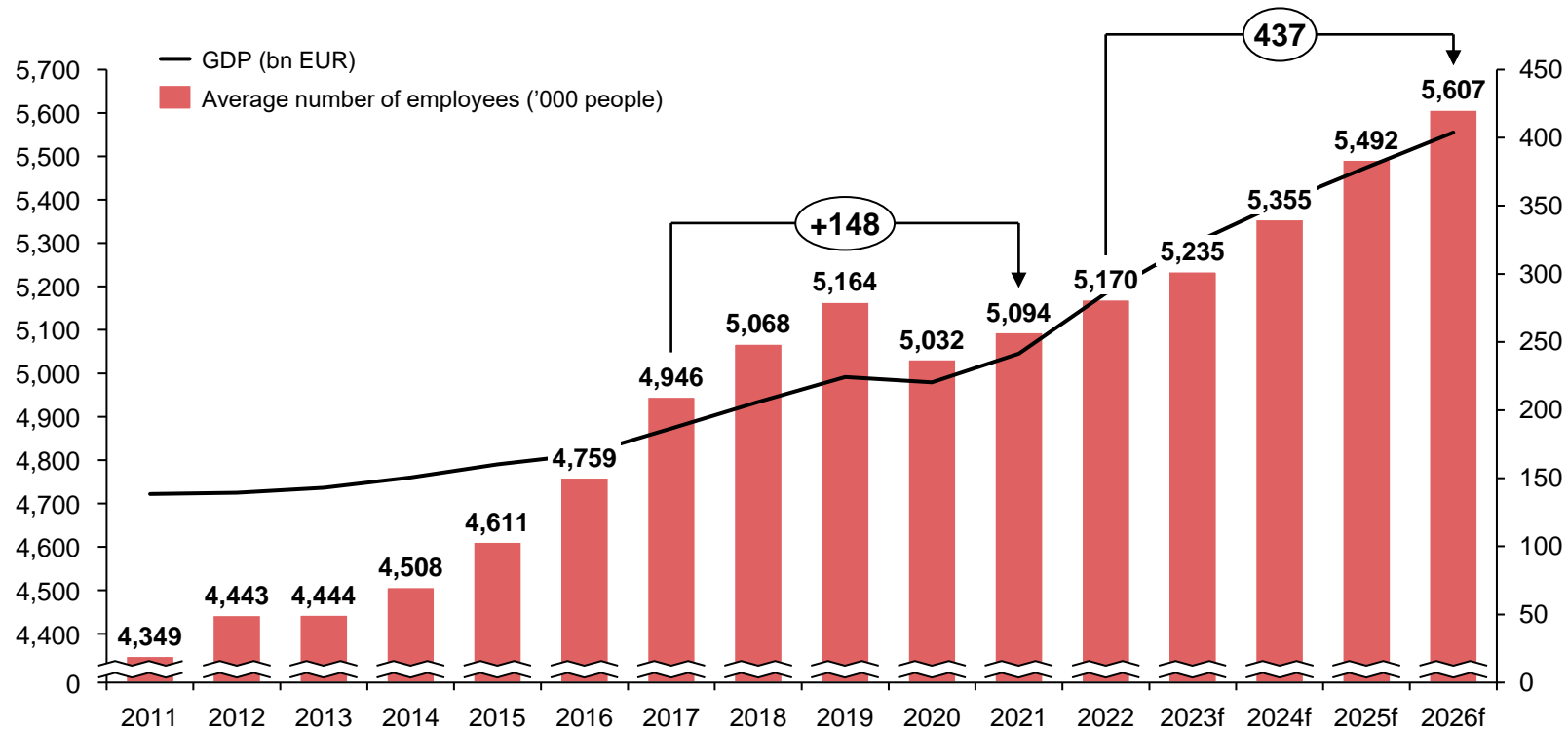
Total employment CAGR 2012 - 2022



Note: Total employment presented above cover all employed persons (both employees and self-employed) working in resident production units i.e. the domestic employment concept, extracted from National Accounts data published European Statistics. CAGR calculated based on figures in national currency.

According to the National Commission for Strategy and Prognosis, Romania will need additional 440,000 employees by 2026, in order to achieve the forecasted GDP

Romanian GDP current prices (bn EUR) and employment ('000 people)

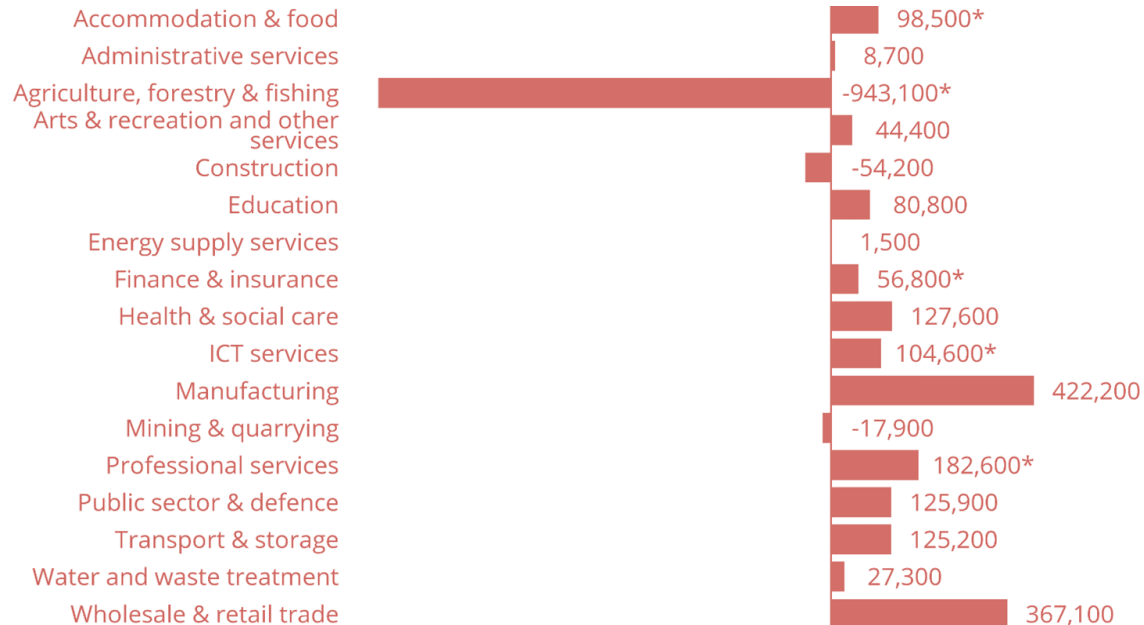


Key insights

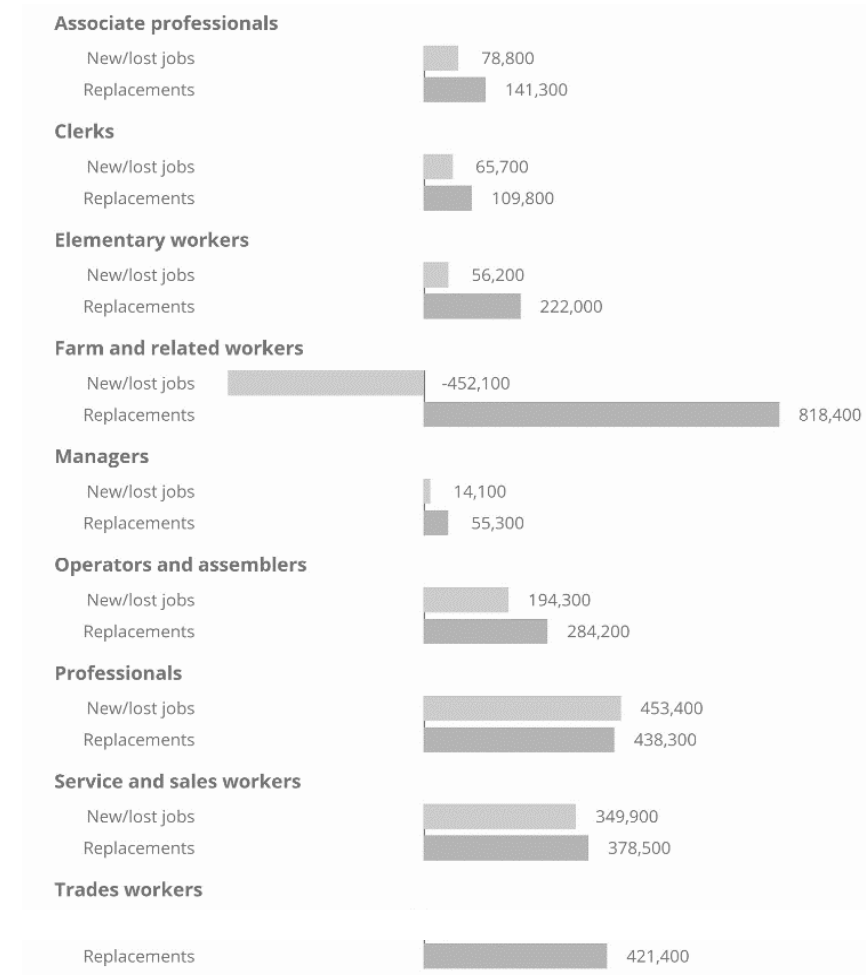
- The National Commission for Strategy and Prognosis estimated an increase in the average number of employees of around 440,000 people by 2026, compared to 2022, consisting in an average of about 110,000 people per year.
- Between 2011 and 2021, the additional average number of employees was 75,000, with higher rates in 2016, 2017, 2018 and 2019 (cyclical component of the economic expansion period).
- Backward looking, in 2017, the NCSP forecasted a similar increase between 2017 and 2021 – respectively, additional 400,000 people – however, the results were slightly different. Only, 150,000 people represented additional employees. This is mainly the impact of the pandemic (reduced no of employees) and its consequences in terms of digitalization and increased productivity.

Most new jobs will be created in Manufacturing and Trade and will focus on professionals, service and sales workers

Future employment growth by sector, Romania, 2022-2035



Future employment growth by occupation, Romania, 2022-2035



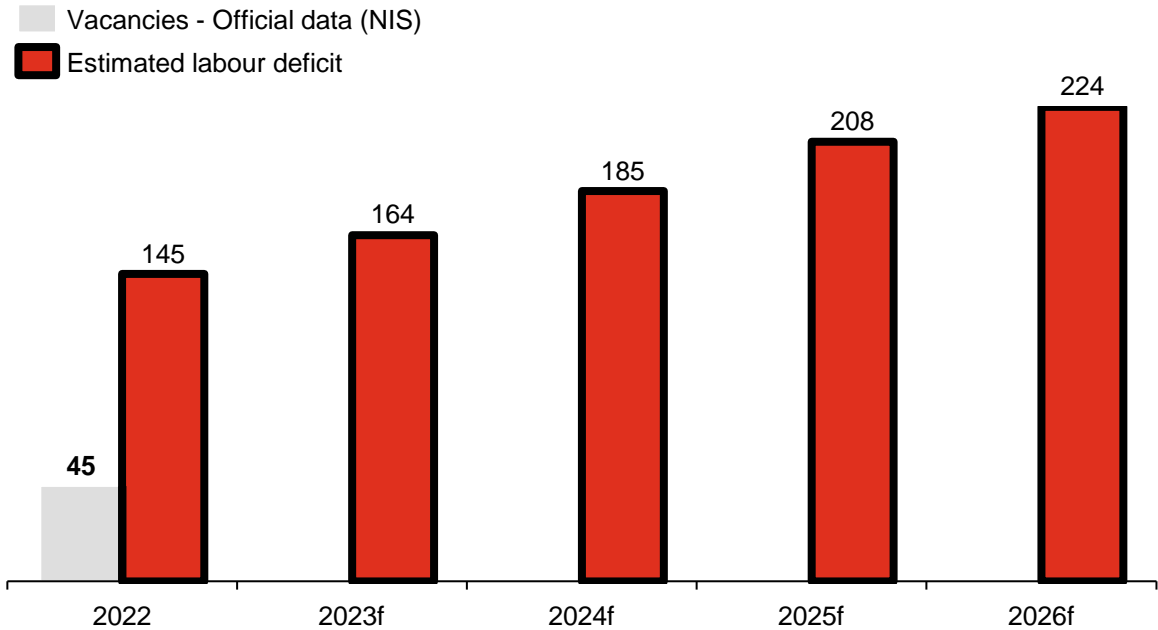
Source: Skillspanorama, Countries / Romania

A man with a beard and dark hair, wearing a dark blue or black button-down shirt, is looking upwards and to the right. He is holding a bright green sticky note in his right hand. The background is a modern office space with large windows and white decorative patterns on the glass, including stylized leaves and abstract shapes. The overall atmosphere is bright and professional.

Labour deficit – assessment and economic impact

Romania’s current labour deficit is estimated at 145,000 people in 2022 and is expected to increase to about 224,000 people in 2026 without taking any measures

Estimated labour deficit ('000 people)



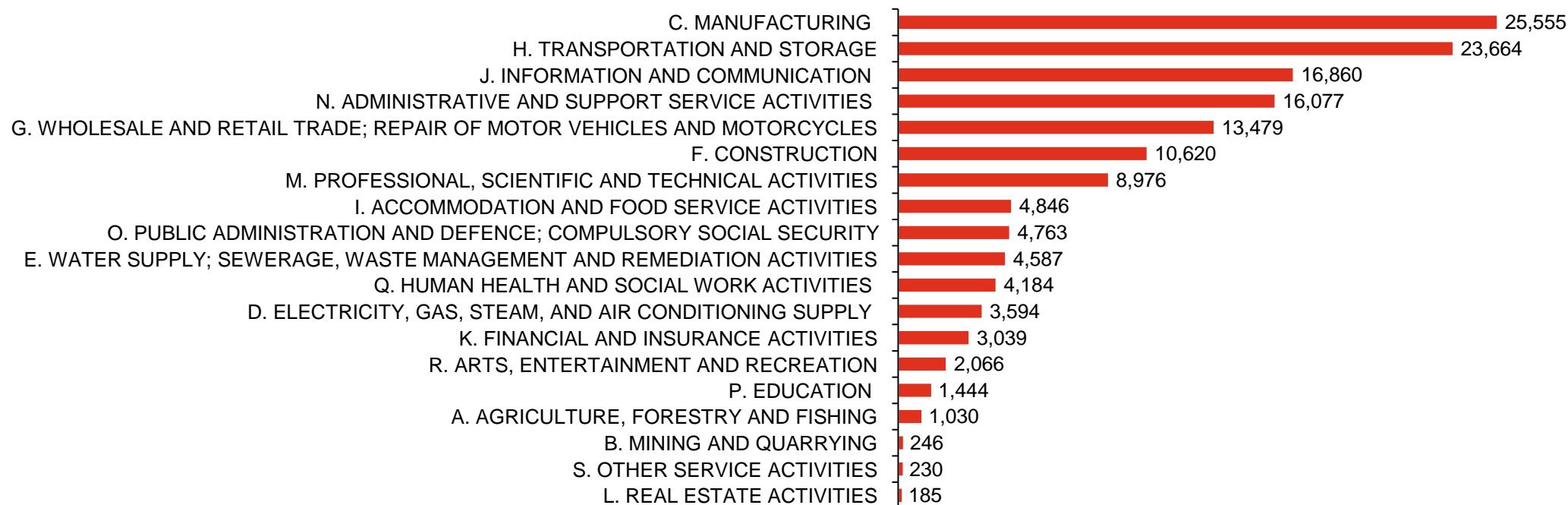
The estimated labour deficit (between 145,000 people in 2022 and 224,000 in 2026) could be even higher according to the private sector’s current and short term needs, respectively 226,000 in 2022 expected to reach 350,000 people in 2026 without tacking any measures.

Assumptions

- Vacancies - Official data refer to the data collected by the National Institute for Statistics through Survey Methodology (23,000 economic agents and all public institutions).
- The labour deficit was estimated based on a multiplier of 3.22 applied to the vacancies official data.
- The multiplier was calculated based on the EU average of job vacancies (2.9% in 2022), as a benchmark (the Romanian indicator was only 0.9% in 2022).
- Also, we estimated a forecast of the job vacancies: (i) annual increase rate of 13% until 2025, representing the average rate between 2015 – 2018 and (ii) 8% growth rate for 2026, representing the average between 2015-2019.
- Also, the multiplier was substantiated taking into consideration:
 - (i) the underestimated official data in the private sector (hypothesis confirmed by AmCham members);
 - (ii) the estimated undeclared work (1.4mn people);
 - (iii) the business environment public statements and barometers (AmCham Barometer, Concordia, FIC, etc.);
 - (iv) the 20% turnover rate among private companies (PwC Saratoga, 2022);
 - (v) the Best Jobs – Annual Report 2022 (350,000 active jobs out of which 60,000 candidates received an offer);
 - (vi) the increased requests for non-EU workers (more than 130,000 in 2022, a 3x higher than the vacancies in 2022).

Manufacturing, transportation and ICT are the sectors with the highest labour deficits* in absolute terms in 2022

Estimated labour deficit (total = 145,000 people) by sector (2022)

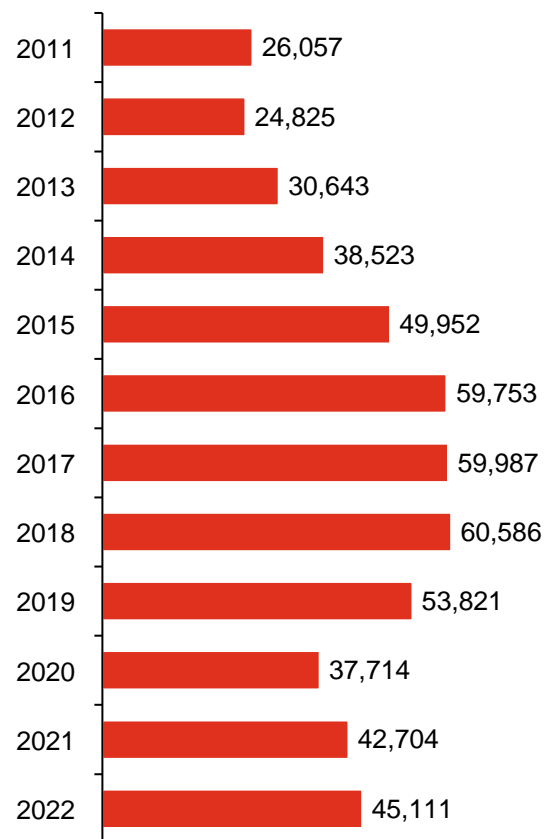


*Assumptions

The estimation of the labour deficit at sector level is based on a multiplier between 1-6: 1 for the public sector (O, P, Q – assuming a limited share of the private sector in education (P) and healthcare (Q) and between 2 and 6 for the activities within the private sector. Also, the estimation took into consideration the evolution of official vacancies rates between: (i) 2015 – 2022 and (ii) 2017 – 2022. For further details, please see the assumptions in slide 22.

Following the COVID-19 pandemic, job vacancies have begun to increase based on official data. However, they have not yet reached the levels observed in 2017-2018

Evolution of vacancies – official data (2011 – 2022)

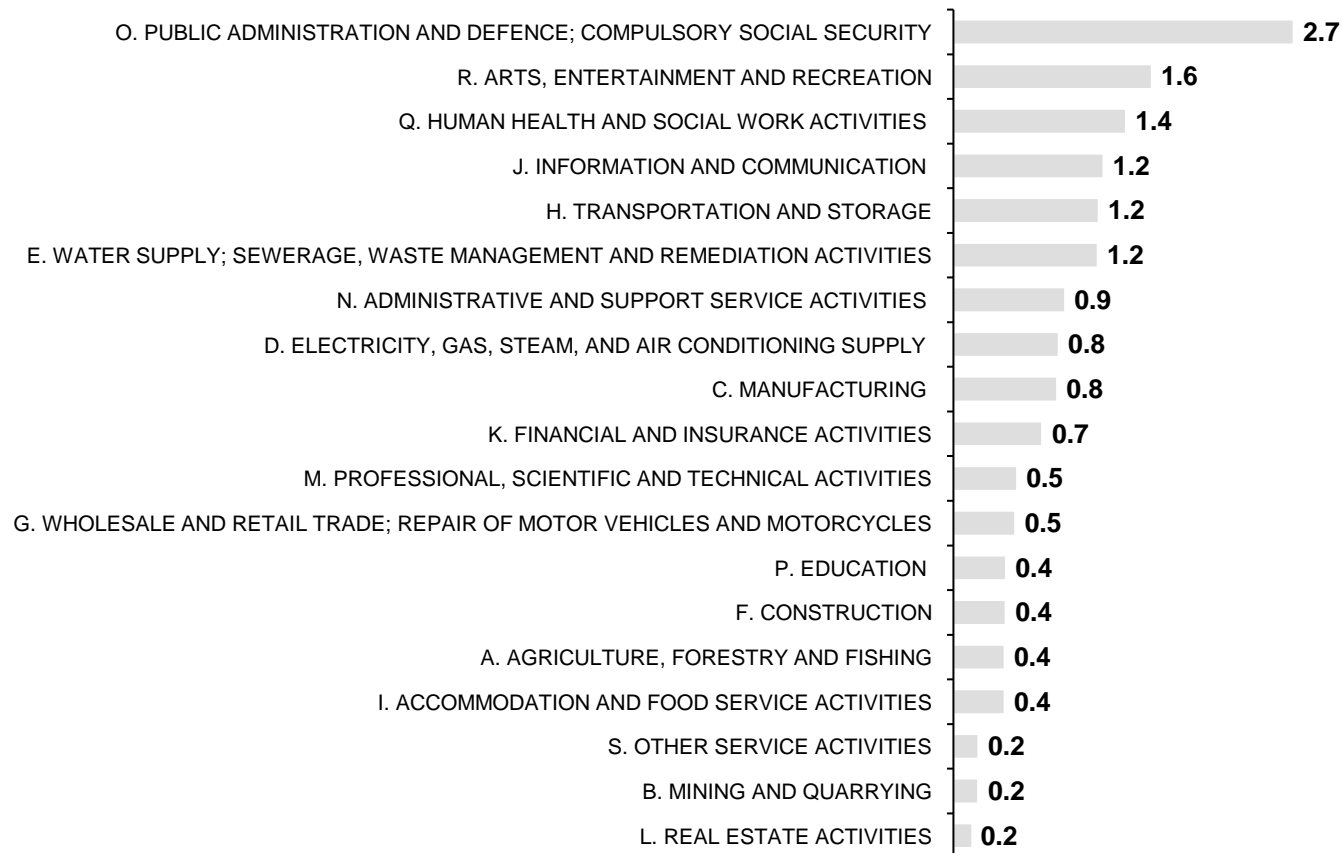


Number of vacancies – official data change by sector (2021 vs 2017)

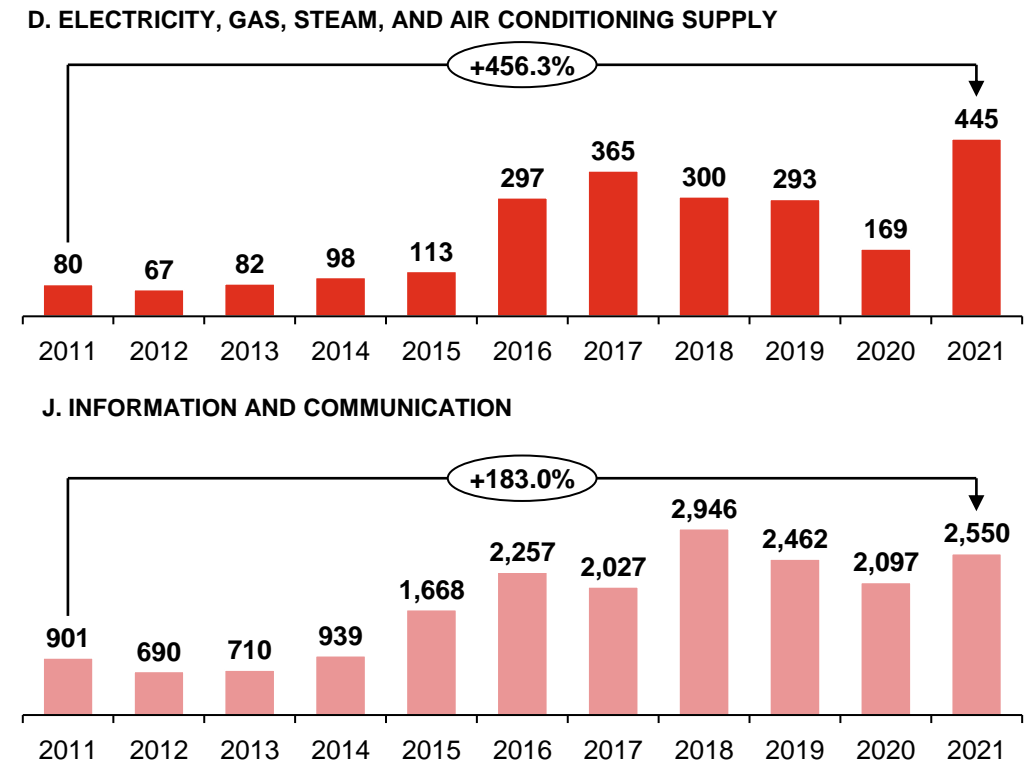
| Sector | 2017 | 2021 | Change 2021 vs 2017 (%) |
|---|---------------|---------------|-------------------------|
| A. AGRICULTURE, FORESTRY AND FISHING | 637 | 507 | -20% |
| B. MINING AND QUARRYING | 80 | 90 | 13% |
| C. MANUFACTURING | 15,756 | 9,290 | -41% |
| D. ELECTRICITY, GAS, STEAM, AND AIR CONDITIONING SUPPLY | 365 | 445 | 22% |
| E. WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES | 1,094 | 1,197 | 9% |
| F. CONSTRUCTION | 1,821 | 1,763 | -3% |
| G. WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES | 5,075 | 4,402 | -13% |
| H. TRANSPORTATION AND STORAGE | 3,323 | 3,287 | -1% |
| I. ACCOMMODATION AND FOOD SERVICE ACTIVITIES | 866 | 704 | -19% |
| J. INFORMATION AND COMMUNICATION | 2,027 | 2,550 | 26% |
| K. FINANCIAL AND INSURANCE ACTIVITIES | 1,435 | 628 | -56% |
| L. REAL ESTATE ACTIVITIES | 128 | 44 | -66% |
| M. PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES | 1,602 | 933 | -42% |
| N. ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES | 2,858 | 2,711 | -5% |
| O. PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY | 8,695 | 5,596 | -36% |
| P. EDUCATION | 2,473 | 1,477 | -40% |
| Q. HUMAN HEALTH AND SOCIAL WORK ACTIVITIES | 9,197 | 5,854 | -36% |
| R. ARTS, ENTERTAINMENT AND RECREATION | 1,430 | 1,123 | -21% |
| S. OTHER SERVICE ACTIVITIES | 1,125 | 103 | -91% |
| Total | 59,987 | 42,704 | -29% |

The sectors with the highest increase in job vacancies over the last decade are utilities and ICT, while in recent years (2017 – 2021), ICT shows the highest increase

Share of job vacancies (official data) by sector (% , 2021)



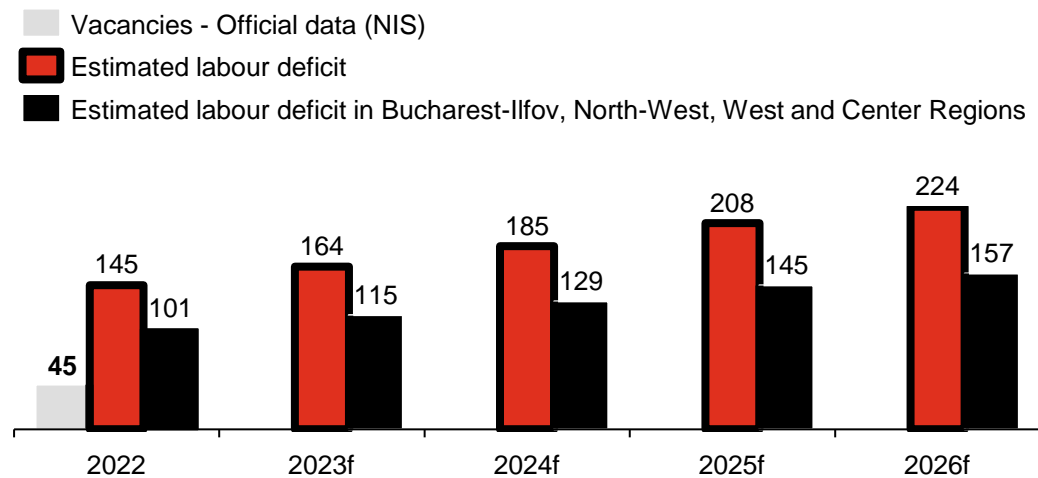
Sectors with the highest increases in job vacancies 2021 vs 2011 (people)



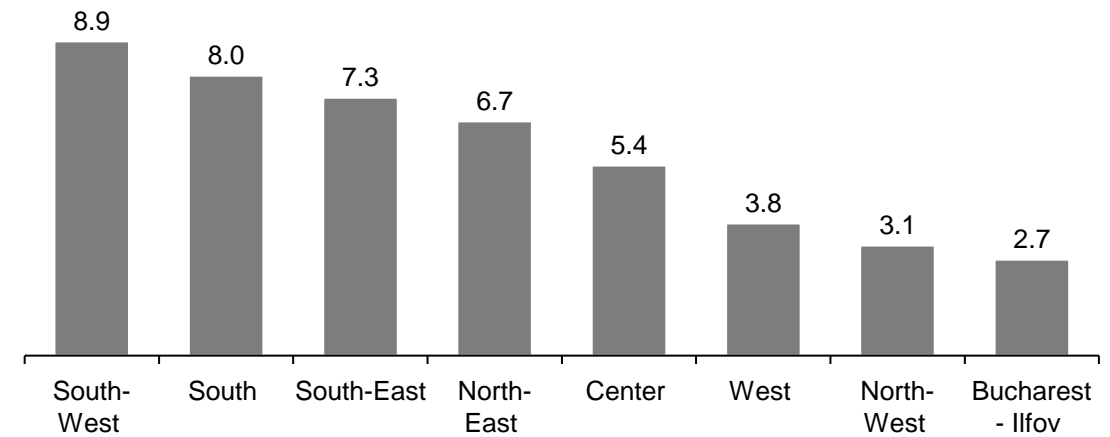
70% of the total labour deficit results from high developed areas

70% of the total labour deficit is estimated in Bucharest-Ilfov and counties such as: Cluj, Timis, Arad, Brasov, Sibiu, Prahova.

Estimated labour deficit ('000 people)

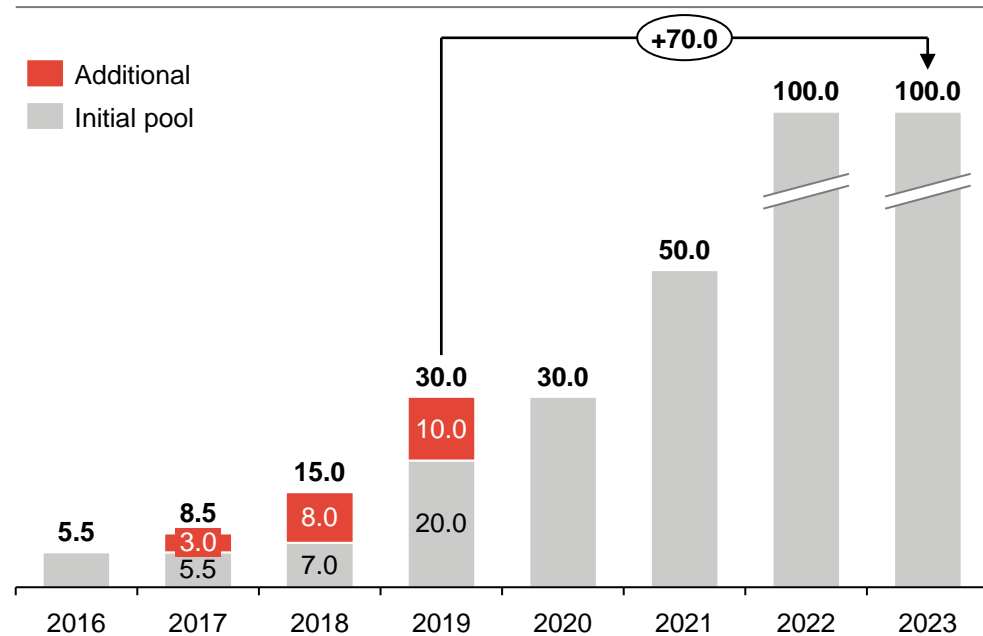


Unemployment rate by region (% , 2022)

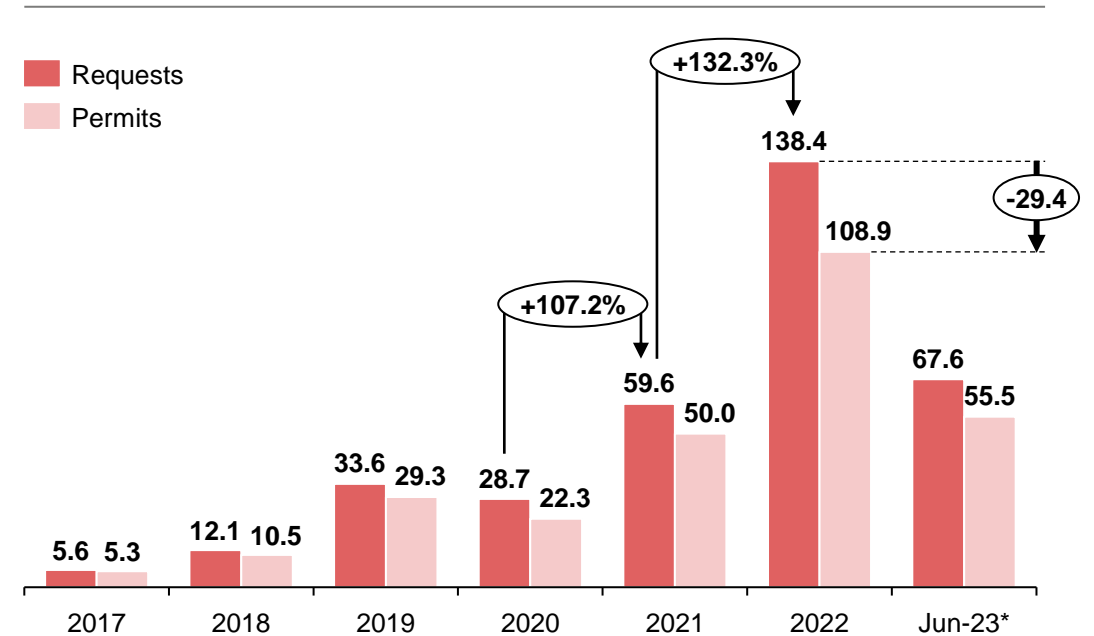


The constant increase in non-EU workers confirms the growth in demand and labour market tension

Non-EU workers contingent evolution ('000 people, 2016 – 2023)



Non-EU workers requests and permits ('000 people, 2017 – Jun 23)

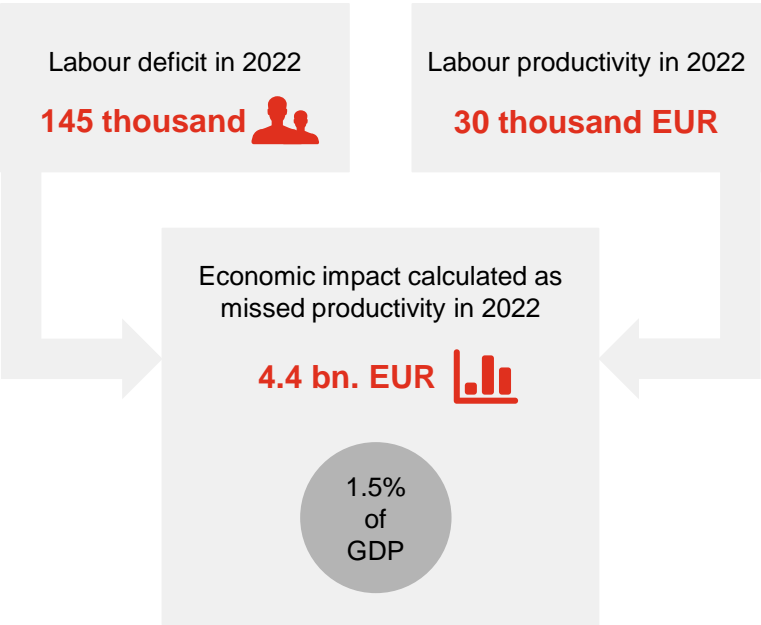


- The requests for non-EU workers increased 5 times in 2022 compared to 2020 (4.1 times compared to 2019). Although the public authorities made several efforts in processing the high number of requests, a 30,000 backlog in 2023 reflects the need for additional capacity (human resources, digitalization of the process).
- In the first half of 2023, more than 67,000 requests were submitted to the General Inspectorate for Immigration confirming that the need for non-EU workers will be, once again, higher than the contingent adopted by the Government, respectively 100,000 people.

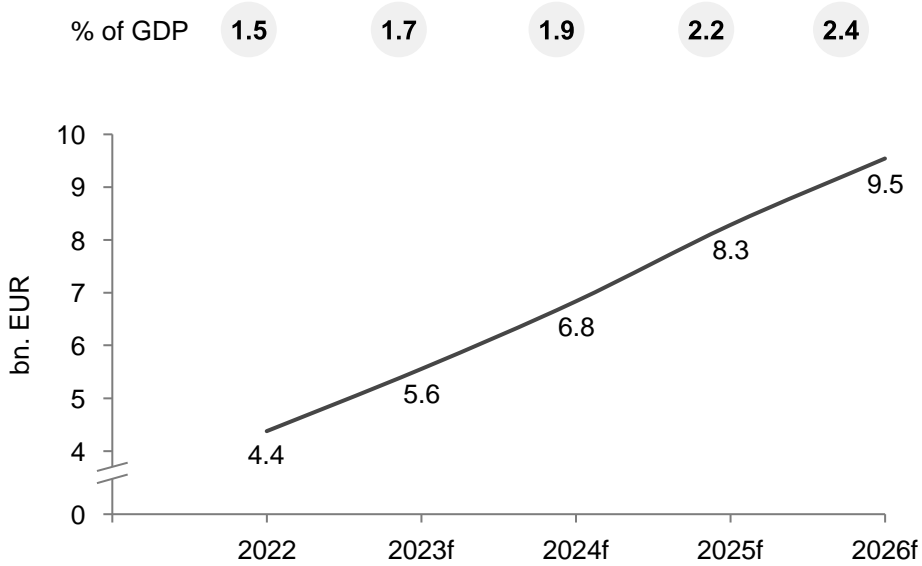
* A minimum of 130,000 non-EU workers requests expected in 2023 based on a backlog of approximately 30,000 requests (requests remained unprocessed in 2022).

Economic impact in 2022, defined as missed productivity, is estimated at 4.4 billion EUR, equivalent to 10% of 2022 nominal GDP increase, forecasted to more than double by 2026 up to 9.5 bn EUR

Labour deficit potential economic impact



Forecast economic impact



Key insights

- Considering an estimated labour deficit ranging between 145 thousand persons and an aggregated labour productivity of 30 thousand EUR (without accounting for any industry-level or occupations specificities), the economic impact of labour deficit in terms of missed productivity is of 4.4 bn. EUR in 2022.
- By 2026, the economic impact defined as missed productivity is projected to reach 9.5 bn. EUR.
- In addition, fiscal revenues to the state budget for the estimated labour deficit are projected at c. 1.1 bn. EUR in 2022, increasing to 2.4 bn. EUR by 2026.

Note: To ensure consistency with value added generated in the economy, employed population information from national accounts (reflecting the domestic employment concept) is used in calculating labour productivity. Labour productivity by employed person (both employees and self-employed) engaged in productive activities as defined by National Statistics Institute within national accounts data has been considered. The average labour productivity at national level was used for estimating the economic impact, hence assuming that jobs vacant will be as productive as the average job. The forecasted economic impact is estimated by considering that labour productivity by employed person will have the same growth rate as the GDP as shown in the spring forecast 2023 of NCSP. Fiscal revenues for the estimated labour deficit are computed by considering (1) the average nominal earnings forecast of NCSP and the social and health contribution and income tax levels constant to 2023 levels, and (2) respectively the average share of consumption in total household expenditure (separately for food and other non-food) multiplied by VAT rate in order to estimate a VAT liable amount.

Assessing the economic impact of labour shortages can encompass a myriad of perspectives given the various factors at play both at economy and business level

Labour deficit potential channels of impact

Economic growth hampering

may occur as there are not enough people to produce goods and services, thus limiting the level of output or level of investments (both domestic or foreign)

Inflationary pressures

may be triggered by increase in costs (either labour or other costs) which may in turn be passed on to the consumers

Opportunity costs

at business level may arise either in the form of potential revenues loss from new opportunities or costs as a result of delays in existing initiatives

Supply chain disruptions

may arise from either internal production bottlenecks or issues with suppliers, leading to disruptions in the flow of goods and materials

Shrinkage of public finances

may occur due to reduced tax revenues or increased benefit payments resulting from a decrease in the working population.

Productivity levels

might suffer losses due to fewer people available or lack of adequate workforce necessary to meet demand

Increased business costs,

including human capital costs that may increase as a result of higher negotiating power of workers particularly in tighter labour markets

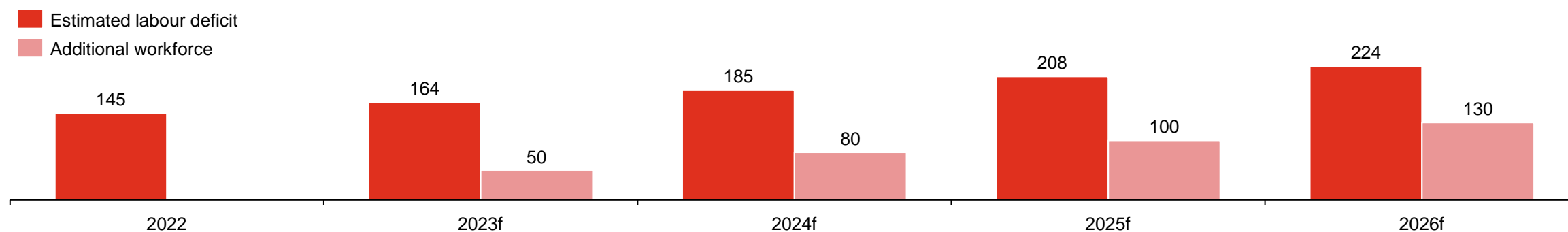
Customer dissatisfaction

as a result of delays in delivering the products or services or lower quality offerings

— economy — business

Through public policy intervention additional workers can be activated on the labour market

Additional workforce estimation to partially cover the labour deficit ('000 people, 2023 – 2026)



Additional available workforce estimation ('000 people)

| Category | Current (2021/2) '000 people | Scenario 1 (no additional measures than non-EU permits) | Scenario 2 (additional measures) until 2026 |
|---------------------------|---------------------------------|---|--|
| Unemployed (BIM) | 459 | 0 | 23 (5% activation) |
| Non-EU workers | 100 | 150 - 200 | 250* |
| <i>Pensioners/Retired</i> | 5,004 | 0 | 50 |
| NEETs (15-24) | 349 | 0 | 35 (10% activation) |
| TOTAL | 5,912 | 150-200 | 358 |

* Estimation based on recent non EU permits increases

However, long term Romania has a deeper problem, more difficult to address in order to remain competitive: upskilled workforce

Long term trends to consider

Accelerated penetration of the next generation technology

Continuous demographic pressure

Increased competition for talent and changing working preferences

Challenges to address

- Low level of digitization in general and digital skills in particular
- Increased levels of school abandonment
- General low quality of education (i.e. PISA scores)
- Continued negative population increase
- Negative net migration
- Low attractivity for foreign workforce
- Low sustainability of the pension system (old age dependency ratio)
- Overall, low proportion of high value added economic sectors

Moreover, increased job mobility and remote working behaviours are putting additional pressure on the labour market

Job mobility is increasing

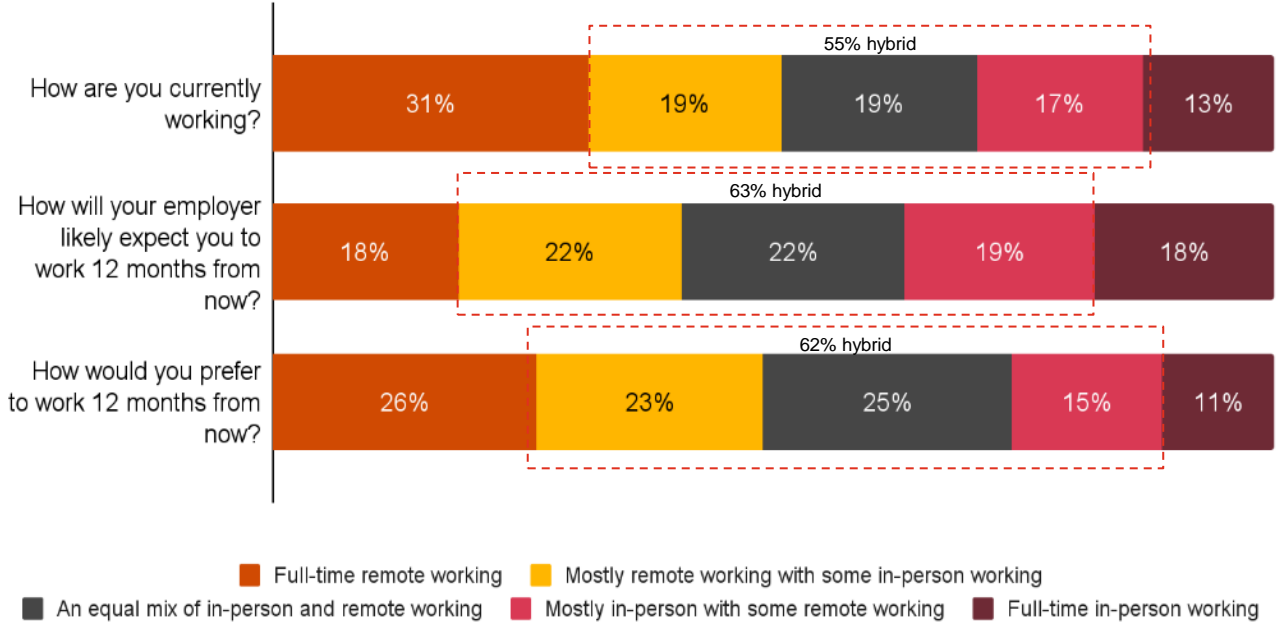
18% of Romanian employees are likely or very likely to change employer within 12 months (up from 16% last year)

17% of Romanian employees are likely or very likely to move to a contingent work role

12% of Romanian employees are likely or very likely to leave the workforce permanently or temporarily

Remote working is here to stay

Out of the 54% of employees that can work remotely, less than 20% expect to get back to full-time office work



Source: [PwC Global Workforce Hopes & Fears Survey 2023](#) and 2022 (incl. breakdown for Romanian employees)



Measures to address labour deficit

At EU level, three types of policies to address labour shortages have been identified at EU level

Attracting labour

1. Enhancing the attractiveness of certain sectors or professions by improving wages and/or working conditions.
2. Enhancing the attractiveness of living and working conditions in the country/region.
3. Creating an active migration policy that combines foresight, systems for the recognition of qualifications and capacities, anti-discrimination policies and attracting returning migrants.

Enhanced use of current workforce

1. Improving matching between supply and demand (for example, better links between forecasting needs and training provisions, the involvement of social partners in curriculum development, the regular updating of curricula).
2. Addressing skills and competence gaps (for example, work experience, long/short training, recognition of skills).
3. Improving matching / job mediation services, including via partnership with private employment services.
4. Enhancing preparations for labour market change among employees through ongoing needs assessment and lifelong learning.

Activating underutilized resources

Addressing labour market barriers for various groups that are currently long-term unemployed or inactive (for example, addressing access to care services, addressing barriers linked to health or other issues, enhancing the recognition of qualifications for migrants, adjusting workplaces for older workers or workers with disabilities, addressing discrimination).

In Romania, immediate workforce activation programmes should focus on four pillars

Improve foreign workers inflow

- Streamlining work permit issuance: improving the current process by implementing measures such as centralizing requests in national virtual teams, reallocating resources to address backlogs, and planning resources effectively to ensure capacity during peak periods
- Continuing to gradually increase the contingent for non-EU workers
- Developing alternative, simplified, prioritized procedure for high qualified workforce (in particular, tech and other scarce skills)
- Learning from successful examples: studying the practices of countries like Germany, Finland, the United States, and the Czech Republic that have implemented effective measures to improve foreign worker inflows. Drawing lessons from their experiences can help inform and shape policies and procedures in the respective country.

Examples: Germany, Finland, US, Czech Rep

Prolong duration of active life

- Considering implementing a flexible retirement scheme (access part of the pension while continuing to work)
- Incentivizing employers to provide upskilling opportunities for workers aged 50 and above

Examples: UK, Germany, Japan, Sweden, US

Decrease youth unemployment

- Creating opportunities for development of skills which are in demand (through also using EU funds)
- Encouraging youth mobility to developed economic areas by providing incentives such as transportation, accommodation, and meal subsidies to facilitate the mobility of young individuals to developed economic areas where there are more job opportunities.
- Developing and promoting mobile career counselling teams in schools / disadvantaged economic areas to inform on real market opportunities
- Reducing school dropout rates: Implementing initiatives and support systems aimed at reducing the number of students who leave school prematurely. This can involve targeted interventions, mentoring programs, and providing additional resources to support student retention and academic success.

Examples: Germany, UK, Japan, Sweden, South Korea, Spain

Increase employment among inactive segments

- Increasing employment among inactive population, in particular women, by childcare support and family-friendly policies
- Training for long-term household unemployed: Offering targeted programs focusing on in-demand skills to improve employability.
- Entrepreneurship support

Examples: Sweden, Norway, France, Canada

A woman with long dark hair, wearing a white short-sleeved shirt and VR goggles, is shown in profile. She is reaching out with her right hand to interact with a large, glowing digital interface that displays a complex, multi-colored grid pattern. The background is dark with some blurred lights, suggesting a futuristic or high-tech environment.

Thank you!

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