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# Annex 1 Interviews with the stakeholders

## Interviews May-June 2020

#	Date	Institution	Representative
1	14.05.2020	Chamber of Commerce Botoșani	Valeriu Iftimie, President Carmen Panțiru, Executive Director
2	14.05.2020	County Council Iași	Crenguța Lungu, Director of the Department for Programmes and Strategies
3	15.05.2020	NE RDA	Lucian Sandu, Head of unit RIS3
4	21.05.2020	County Council Vaslui	Cristina Vasiliu, Head of the Department for Development and Cooperation; Mihaela Chircu, Director
5	19.05.2020	County Council Galați	Carmen Coca, Counsellor
6	18.05.2020	CLUSTERO	Daniel Coșniță, President
7	19.05.2020	Start-up Nation Iași	Narcis Tăbăcaru, Head of Office
8	19.05.2020	AFIR	Cristiana Constantinescu, Director; Victoria Oprea, Head of Unit; Andreea Marcu, Counsellor
9	22.05.2020	RDA Centre (Republic of Moldova)	Ciubotaru Hristofor, Counsellor
10	20.05.2020	NE RDA (The Republic of Moldova)	Elena Boboc, Counsellor
11	20.05.2020	SE RDA (The Republic of Moldova)	Ana Postelnicu, Counsellor; Luminița Neteșu, Counsellor
12	21.05.2020	Organization for SMEs (The Republic of Moldova)	Olga Popa, Head of Office
13	20.05.2020	Labour market expert	Gabriela Platon
14	24.05.2020	Migration expert	Monica Roman, Professor, Bucharest University of Economic Studies
15	25.05.2020	Territorial Development expert	Sabina Leopa
16	29.06.2020	PTIR, SE branch	Radu Oprea, President
17	30.06.2020	UGIR	Radu Godeanu, Vicepresident
18	20.05.2020	FEZ Galați	George Daniel Dudu, Chief of Marketing and International Affairs Office
19	26.05.2020	SC ȘORICELUL-BULAI SRL	Carmen Gheorghită
20	26.05.2020	SC Polandra SMART CHOICE	Alexandra Politic
21	27.05.2020	SC OLIROBY SRL	Teodora Bitu
22	27.05.2020	SC M&G FOOD Studio SRL	Mihai Câmpeanu
23	27.05.2020	SC HBEBE SRL	Flavia Hrițcu
24	07.07.2020	AVISO SRL and Association of Women Entrepreneurs (Asociația Femeilor Întreprinzător)	Mirabela Miron, Director and President
25	08.07.2020	NE RDA	Lucian Sandu, Head of RIS3 Department
26	08.07.2020	PROTEUS NORD CONSULTING SRL	Florin Trofinov, Manager

27	08.07.2020	Compania de Consultanță pentru Investiții și Dezvoltare S.R.L.	Sorin BUDA, Director General
29	10.07.2020	Total Prim Expert	Berbecaru Emil, Director of Economic Operations

### Interviews October 2020

#	Date	Institution	Representative
1	26.10.2020	"Alexandru Ioan Cuza" University Iași, Eastern Marketing Insights	Tudor Jijie, Master Programme Coordinator, Manager
2	27.10.2020	Iași County Directorate of Statistics	Ciprian Iftimoaei, Deputy Director
3	27.10.2020	The Regional Office for Cross Border Cooperation, Iași	Victor Poede
4	27.10.2020	SE RDA	Luiza Țigănuș, Head of Projects Department

## Annex 2 Business support and territorial effects

### 2.1 Tables and figures

Table 0.1: Overview of the business support programmes active in the stakeholder territory in 2014-2020

No	Programme/ measure (category)	Type of support to businesses	Reason for not being selected
1	ROP 2014-2020/ SO 1.1 (ERDF + STATE BUDGET) Support for technology transfer (4 and 3)	Indirect and Direct	No. of projects contracted (schemes launched since 2018). Limited coherence, (early implementation stage).
2	HCOP 2014-2020 (ESF + STATE BUDGET) Support to enterprises for competence development (other)(2)	Direct	Complex mechanism at country level; difficult to disaggregate administrative data at territorial level.
3	National programmes (1) (STATE BUDGET) Retail and market services support Programme – supporting SMEs investments in the retail sector Micro-industrialisation programme – supporting SMEs in priority industrial sectors, funding investments in technology, equipment, promotion and entrepreneurship training. Crafts and Handicrafts support Programme – consisting in the National Arts and Crafts Fair Romanian Swiss SMEs support programme – supporting access to bank loans finance The Woman Entrepreneur Programme – including support to entrepreneurs and a “de minimis” grant scheme for SMEs managed by women. UNCTAD/EMPRETEC Programme – funding entrepreneurial skills development.	Direct	Unavailability of administrative data at county level. Small funding at national level indicating limited impact in the stakeholder territory.
4	NRDP Financial instruments for the rural area. (1) (ESF + STATE BUDGET)	Direct	Extensive and complex national programme, difficult to disaggregate data at territorial levels.

Source: Consortium calculations based on administrative programmes' data

Table 0.2: Business support measures available in the stakeholder area 2014-2020 (synthetic view)

No	Business support scheme Main objective	Targeted business segment	Form of support	Funding available in the stakeholder territory (MEUR and % in total programme)
1	Investments in SMEs to support businesses viability and competitiveness			
1.1.	Strengthening the microenterprises position on the market ROP SO <sup>1</sup> 2.1 A	Microenterprises Urban area More than 1 year of activity	Grants up to € 200 000 Min 10% private co- financing National programme Competition at the regional level NE and SE regions	National allocation € 425.03 M Contracted (national level): € 283.54 M Contracted in the stakeholder territory: € 17.72 M (6.25% in total national contracted) The share of contracted funds in the stakeholder territory in total allocation for the NE and SE regions 23.35%.
1.2.	Increase competitiveness and labour productivity of SMEs ROP SO 2.2	SMEs Urban area	Grants above € 200 000 Between 10% and 40% private co-financing National programme Competition at the regional level NE and SE regions	National allocation € 884.02 M Contracted at the national level: € 683.24 M Contracted in the stakeholder territory: € 45.47 M (7.18% in total national contracted) The share of contracted funds in the allocation for the NE and SE regions 25.99%.
1.3.	Creation and development of non- agriculture investments in the rural area <sup>2</sup> NRDP SM <sup>3</sup> 6.4	Microenterprises Small enterprises Farms Rural area	Grants up to € 200 000 Min 10% private co- financing National programme Competition at national level	National allocation € 176.5 M Contracted at national level € 152.7 M Contracted in the Stakeholder territory: € 8.67 M (5.68% in total national contracted)
1.4.	Business development for the diversification of activities in the	Existing SMEs Entrepreneurs and would- be entrepreneurs	Grant scheme up to € 200 000 and 10% private co- financing	National contracted € 77.68 M Contracted in the stakeholder territory: €1.26 M (1.87% in total national contracted)

<sup>1</sup> Specific Objective - according to the ERDF terminology.

<sup>2</sup> NRDP 2014-2020 and EMFFOP include support to enterprises active in agriculture and aquaculture for investments and counselling, not detailed in this assessment due to its complexity.

<sup>3</sup> Sub-measure according to the EARDF terminology.

No	Business support scheme Main objective	Targeted business segment	Form of support	Funding available in the stakeholder territory (MEUR and % in total programme)
	traditionally fishery-dependent areas (tourism, environment, education) (PU1 PU2 PU4) <sup>4</sup>	Traditionally fishery-dependent areas.	Grant scheme (flexible threshold set for each call) between 25 and 50% private co-financing.  Grant scheme up to € 75 000 and 50% private co-financing	
2.	New business creation, entrepreneurship			
2.1	START-ups support  Start-up Nation Programme (2017 and 2018)	Entrepreneurs and would-be entrepreneurs SMEs up to one year of activity Rural and urban area	Grants up to € 40 000 0% co-financing National programme Competition at national level	National allocation/ contracted € 375.5 M Contracted in the stakeholder territory: € 26 M (6.9% in total national allocation)
2.2	Jobs for all, increase employment in non-agricultural activities in urban area HCOP SO 3.7.	Entrepreneurs and would-be entrepreneurs SMEs up to one year age Urban area	Grants up to € 40 000 0% co-financing National programme with regional/local grant schemes managed by selected entities	National allocation € 503.43 M Contracted at national level € 447.9 M Contracted in the stakeholder territory: € 133.81 M (29.87 % in total national allocation)
2.3	Support for setting new non-agricultural activities NRDP SM <sup>5</sup> 6.2	Farmers or members of a rural agriculture household Existing or new microenterprises Rural area	Grants up to € 75 000 Min 10% private co-financing National programme Competition at national level	National allocation € 111.57 M Contracted at national level € 113.68 M Contracted in the stakeholder territory: € 4.95 M (4.35% in total national allocation)
3	Research Development and Innovation to increase economic competitiveness			

<sup>4</sup> According to EMFFOP 2014-2020

<sup>5</sup> Sub Measure according to the EARDF terminology

No	Business support scheme Main objective	Targeted business segment	Form of support	Funding available in the stakeholder territory (MEUR and % in total programme)
3.1	Increase investments in the private sector RDI COP, SO 1.3.	Start-ups Spin-offs Enterprises Newly created innovative enterprises	Grants up to € 200 000, 10% co-financing ("de minimis" scheme) Grants under state aid scheme for Innovative enterprises: up to € 5 M, co-financing between 30 and 75% Grants under state aid scheme for New created innovative enterprises Up to € 1.5 M, no private co-financing	National allocation € 20 M Contracted at national level: € 30.5 M Contracted in the stakeholder territory: € 1.6 M (5.25% in total national allocation)
3.2	Increase innovation in enterprises by supporting innovation and technology transfer entities in smart specialisation domains Investments in large RD infrastructure COP SO 1.1	Enterprises active in R&D Universities Entities grouped in innovation clusters	Grants between € 0.5 M and € 7.5 M Co-financing between 30% and 50%	National allocation € 180 M Contracted at the national level: € 130.2 M Contracted in the stakeholder territory: € 26.61 M (20.4% in total national allocation)
4	Business infrastructure development			
4.1	Support to the creation and expansion of advanced production capacities and the development of services, part of ROP, SO 2.1 ROP SO 2.1 B	A large range of entities acting alone or associated to provide business incubation services	Grants between € 0.200 and 7. Private co-financing 30% and 50% Indirect support to business	National allocation € 85.52 M Contracted at the national level: € 67.4 M Contracted in the stakeholder territory: € 0.486 M (0.7% in total national contracted)

Source: Consortium calculations based on administrative programmes' data

## 2.2 Impact assessment

The objective of this analysis is to find evidence of the impact of the business support mechanisms ROP 2.1 (grant scheme for microenterprises) and ROP 2.2 (grant scheme for SMEs) in terms of improved business performance, viability and competitiveness, reflected in the increased turnover or productivity and reduced debts. The number of employees is also considered from the perspective of the business size only.

The supported businesses that we assessed were selected from a group of 1906 businesses from the NE Region, which applied for funding. Out of these resulted 206 implemented projects that were finalised on 30 April 2020 (the cut-off date for the collected administrative programme data). Table 0.3 shows the number of projects in different stages of the evaluation, the selection and contracting process, including the rejected projects.

*Table 0.3: ROP Priority Axis 2 projects status in the NE and SE regions*

Projects by status	Number of projects NE6	Number of projects SE
Projects submitted for funding	1906	628
Projects contracted – Beneficiaries supported	331	260
Projects finalised	206	167

*Source: Consortium calculations based on data from the NE and SE RDAs*

The selection of the beneficiaries for funding in the stakeholder territory was organised through calls for proposals at the regional level, therefore the assessments were performed separately for the NE and SE regions. Because only one county, namely Galați, out of six counties of the SE region is in the stakeholder territory, the number of beneficiaries and observations for analysis in the stakeholder territory is small. Therefore, for the 167 projects finalised in the SE region, the analysis was limited to the programme administrative data, programme and project results and included in the main country report in chapter 2.3.

In the NE region (including in three out of the four counties of the stakeholder territory), the assessment was extended to the impact of the business support mechanism on the business's performance, as the more balanced proportion of the counties inside and outside the stakeholder territory allowed for an appropriate number of observations.

The effectiveness of the grant schemes was measured considering the expected and achieved results of the funded projects, while the impact assessment goes beyond the projects and looks at business performance after project implementation.

The impact of the intervention was analysed on a set of SMEs from Region NE, beneficiaries of funding with one year of operations after the end of the project implementation.

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<sup>6</sup> The figures for Region NE include an ongoing call for proposals, with a large number of projects in evaluation and contracting, while the data for Region SE refers to one call for proposal



One year is considered in the practice of the impact assessment adequate to capture the effects of the grant on the business performance. The process of implementation of the schemes is ongoing as the table below shows. There is large number of projects in the selection process and in implementation, therefore it should be highlighted that the assessment refers to the data capturing the situation at 30 of April 2020 and attempt to conclude what is the potential impact on a wider category of enterprises.

*Table 0.4: ROP Priority Axis 2 projects status Region NE*

Project status	Number of projects
Eligibility phase - completed	609
Technical and evaluation phase - completed	218
Rejected projects	129
Projects in the contracting phase	21
Finalised projects	206
Projects undergoing implementation	125
Projects under administrative and eligibility evaluation	83
Projects under technical evaluation	32
Rejected projects (in the administrative and eligibility phase)	279
Finalised projects by beneficiaries who made public financial reports for 2019 (one year after the end of the project)	140
Cancelled and rejected projects (implemented by beneficiaries who made public financial reports for 2019) one year after the end of the projects)	64
Total number of beneficiaries involved in the business mechanism	1906

*Source: Consortium calculations based on data from the NE RDA*

The treatment group consisted of enterprises (beneficiaries of funding) that finalised their projects and which have at least one year of activity, and public financial data.<sup>7</sup> The beneficiaries of the projects that were cancelled or rejected in the selection process were considered as comparison group and we refer to them in this analysis as “non-beneficiaries”.

**The outcome variables** (dependent variables) reflecting the business performance (accordingly to the intervention objective, competitiveness and viability):

Turnover (CA), No of employees, (FTE), Current debt, Fixed Assets, Gross profit, Productivity (CA/ no. of employees).

**Independent variables:**

Public funding (EU and state budget)

**Moderating variables:**

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<sup>7</sup> Due to the COVID-19 pandemic, the period for the submission of the balance sheets to the tax authorities was extended to September 2020, therefore at the time of the data collection (June 2020, updated in August 2020), there were only a limited number of financial statements and balance sheets publicly available.

Type of SME (microenterprise, small or medium)

Importance of the residence (in a county capital or other smaller town)

Location (inside/outside the stakeholder territory)

Type of activity

No. of years active

No. of shareholders

The summary of the statistics for the treatment groups (beneficiaries and non-beneficiaries) are visualised in Table 0.5. and Table 0.6.

*Table 0.5: Summary of statistics of beneficiaries*

Summary of the treatment group (statistics)					
Variable	Obs	Mean	Std. Dev.	Min	Max
Score in evaluation	140	76.50714	8.561665	51	93
No. of shareholders	140	1.5	0.6057281	1	3
Years active	140	13.03571	6.630441	4	28
Public funding requested (RON)	140	1058320	960439.3	95920	4517051
Private funding committed (RON)	140	380004.1	595569	23980	2822523
Public funding paid	140	1049640	956092.3	95896	4510147
Turnover 2015 RON	140	1769913	4187730	0	3.57E+07
No. of employees 2015	140	11.08571	27.47438	0	227
Current debt 2015 RON	140	779281	2009547	525	2.08E+07
Turnover 2016 RON	140	2003874	4183459	1650	3.51E+07
No. of employees 2016	140	12.41429	29.09275	0	224
Current debt 2016 RON	140	926267.1	2142130	610	2.09E+07
Turnover 2017 RON	140	2441568	4982800	0	4.35E+07
No. of employees 2017	140	14.29286	30.99095	0	212
Current debt 2017 RON	140	1176587	2515689	2541	2.49E+07
Turnover 2018 RON	140	3153008	6082476	0	5.22E+07
No. of employees 2018	140	16.55714	33.05658	0	211
Current debt 2018 RON	140	1725591	3232942	23707	3.13E+07
Turnover 2019 RON	140	3969336	7127193	103783	5.68E+07
No. of employees 2019	140	19.87143	34.02514	0	213
Current debt 2019 RON	140	2166151	4450366	17978	3.19E+07
Profit 2019 RON	140	490375.8	868697.7	-1335011	4646065
Fixed assets 2019 RON	140	4810407	6998848	357722	4.63E+07

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.6: Summary of statistics for non-beneficiaries, applicants for funding

Summary of statistics for non-beneficiaries (applicants)					
Variable	Obs	Mean	Std. Dev.	Min	Max
Score in evaluation	64	76.17188	11.29061	50	95
No. of shareholders	64	1.59375	0.75	1	4
Years active	64	14.48438	7.665615	4	28
Public funding requested (RON)	64	1853793	3949329	239294	3.14E+07
Private funding committed (RON)	64	826658.2	2575185	42228	2.04E+07
Public funding payed	64	0	0	0	0
Turnover 2015 RON	64	3150916	8421073	0	4.72E+07
No. of employees 2015	64	18.03125	45.69775	0	209
Current debt 2015 RON	64	1814724	4743395	7	2.66E+07
Turnover 2016 RON	64	3819466	1.02E+07	6000	5.56E+07
No. of employees 2016	64	17.90625	44.33699	1	209
Current debt 2016 RON	64	2277514	6559554	2183	3.94E+07
Turnover 2017 RON	64	4090316	1.15E+07	2500	6.48E+07
No. of employees 2017	64	16.46875	40.55409	1	209
Current debt 2017 RON	64	3199695	9519849	75	5.79E+07
Turnover 2018 RON	64	5090328	1.39E+07	0	8.21E+07
No. of employees 2018	64	16.14063	39.38933	0	191
Current debt 2018 RON	64	3632923	1.05E+07	8218	5.75E+07
Turnover 2019 RON	64	5533358	1.55E+07	0	8.74E+07
No. of employees 2019	64	15.67188	34.59335	1	201
Current debt 2019 RON	64	4238351	1.09E+07	8736	5.10E+07
Profit 2019 RON	64	619818.3	1878769	-1901485	1.33E+07
Fixed assets 2019 RON	64	8430638	2.67E+07	0	1.92E+08

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.7: Summary of statistics for non-beneficiaries, non-applicants for funding

Summary of statistics for non-beneficiaries (non-applicants)					
Variable	Obs	Mean	Std. Dev.	Min	Max
No. of shareholders	750	1.472	0.777618	1	12
Years active	752	12.67287	7.430058	1	28
Turnover 2015 RON	752	2380975	5260469	0	4.72E+07

No. of employees 2015	752	14.03059	28.25145	0	214
Current debt 2015 RON	752	1131784	2524382	0	2.66E+07
Turnover 2016 RON	752	2549712	5357431	0	5.23E+07
No. of employees 2016	752	14.9508	29.98826	0	209
Current debt 2016 RON	752	1282704	2970659	0	3.94E+07
Turnover 2017 RON	752	3019998	6342464	0	6.21E+07
No. of employees 2017	752	16.10372	31.52565	0	286
Current debt 2017 RON	752	1594596	3871167	0	5.79E+07
Turnover 2018 RON	752	3679259	7654214	0	7.19E+07
No. of employees 2018	752	16.78324	31.445	0	270
Current debt 2018 RON	752	1876383	4497922	0	5.75E+07
Turnover 2019 RON	752	4440220	9555282	0	1.04E+08
No. of employees 2019	752	17.90027	30.96602	0	213
Current debt 2019 RON	752	2196176	5087783	0	5.10E+07
Profit 2019 RON	752	531788.8	1197671	-1901485	1.34E+07
Fixed assets 2019 RON	752	4592391	1.06E+07	0	1.92E+08

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.8: The beneficiaries and non-beneficiaries by type and location (inside/ outside the stakeholder territory)

	All			tnt==1 beneficiaries			tnt==0 non beneficiaries applicants		
Location	Small and medium	Micro	Total	Small and medium	Micro	Total	Small and medium	Micro	Total
Non-stakeholder territory	148	413	561	13	75	88	135	338	473
Stakeholder territory	87	308	395	4	48	52	83	260	343
Total NE Region	235	721	956	17	123	140	218	598	816

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.9: The beneficiaries and non-beneficiaries by sector and by location (inside/outside the stakeholder territory)

	NACE codes for all										
Location	0	1	2	3	4	5	6	7	8	9	total
Not stakeholder territory	13	84	55	50	208	28	9	60	42	12	561
Stakeholder territory	7	36	38	26	125	20	17	58	51	17	395

Total Region NE	20	120	93	76	333	48	26	118	93	29	956
NACE codes for treatment tnt =1 beneficiaries											
Location	0	1	2	3	4	5	6	7	8	9	total
Non-stakeholder territory	0	20	12	15	24	1	1	8	5	2	88
Stakeholder territory	0	6	9	7	14	2	0	7	2	5	52
Total NE Region	0	26	21	22	38	3	1	15	7	7	140

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.10: The beneficiaries and non-beneficiaries by location in the county capitals

	all			tnt= =1			tnt= =0		
Location	towns	county capital city	Total	towns	county capital city	Total	towns	county capital city	Total
Non-stakeholder territory	321	240	561	48	40	88	273	200	473
Stakeholder territory	121	274	395	9	43	52	112	231	343
Region NE	442	514	956	57	83	140	385	431	816

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

### Analysis of the data set regarding the support provided (to which we refer as “treatment”)

37 % of the beneficiaries funded and assessed are located in the stakeholder territory (the three counties of the NE region are located at the border with the Republic of Moldova). The others are located in the other three counties of the region<sup>8</sup>.

The projects’ score in evaluation is similar inside and outside the stakeholder territory.

Table 0.11 Average evaluation score by project for beneficiaries and non-beneficiaries

Variable	Location	obs	Mean	Std. Dev.	Min	Max
Score	0	88	76.90909	8.372967	51	93
	1	52	75.82692	8.912915	53	92
Two-sample t test score by (location)						
Location	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0 Not stakeholder territory	88	76.90909	0.8925613	8.372967	75.13503	78.68315
1 Stakeholder territory	52	75.82692	1.235999	8.912915	73.34555	78.30829
combined	140	76.50714	0.7235928	8.561665	75.07647	77.93781

<sup>8</sup> In the statistical model location =1 represents the three counties of the stakeholder territory and location=0 represents other counties in the region.

diff = mean(0) - mean(1)		1.082168	1.500133			
diff = mean(0) - mean(1)			t=0.7214			
Ho: diff = 0 degrees of freedom = 138 . Ha: diff != 0 Pr( T  >  t ) = 0.4719						

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

For ROP 2.1., the average public funding by project is similar in the stakeholder territory with the one outside the stakeholder territory. In the case of SMEs support (ROP 2.2), it is lower, only 81% of the average of other counties; however, the difference does not have statistical significance as shown by data and test results visualised in the table below.

Table 0.12 Public funds by beneficiary in the stakeholder territory compared to other counties

Variable	Location	obs	Mean	Std. Dev.	Min	Max
Public funds paid RON	0	88	1126222	1015113	181669	4510147
	1	52	920038.8	840431.6	95896	4503312
Two-sample t test Score by (location)						
Location	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0 Not stakeholder territory	88	1126222	108211.4	1015113	911140.5	1341304
1 Stakeholder territory	52	920038.8	116546.9	840431.6	686061.2	1154016
combined	140	1049640	80804.55	956092.3	686061.2	1154016
diff = mean(0) - mean(1)		206183.6	166917.1			
diff = mean(0) - mean(1)			t = 1.2352			
Ho: diff = 0 degrees of freedom = 138	Ha: diff != 0			Pr( T  >  t ) = 0.2188		

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

The contribution of the grant to the business performance was assessed by comparing the key business indicators after the project implementation with their values before and with the business performance of a comparison group.

Firstly, the comparison group was created from the beneficiaries selected for funding but for whom, for different reasons, the contract was cancelled and the enterprise did not benefit of funding as a result. In this way, the two groups we compared have a similar feature in response to the same eligibility requirements of the scheme.

The similarity was assessed also for other features specific to the business, such as: the number of the shareholders, the no. of years active, the turnover, the no. of employees and debt two years before the grant.

Table 0.13 reveals that there are small differences in terms of years active, number of shareholders, and score in the evaluation process. No difference of the variables' means is statistically significant except the level of the current debt before the application. In Figure 0.3 we included the test applied to assess the level of the debt in 2016, as well as in 2015, and which can be explained by the eligibility and selection criteria requiring a minimum financial capacity.

The beneficiaries are located dominantly in the county capitals, 43 (82%) of the 52 beneficiaries are in capital counties, while outside the capital county the distribution of the location is more balanced (45% being located in the county capitals) out of the total 85 located in the stakeholder territory.

Table 0.13 Beneficiaries and non-beneficiaries features by location

tnt = 1 beneficiaries						tnt=0 non beneficiaries				
Variable	Obs	Mean	Std. Dev.	Min	Max	Obs	Mean	Std. Dev.	Min	Max
No of shareholders	140	1.5	0.6057281	1	3	64	1.5938	0.75	1	4
age	140	13.03571	6.630441	4	28	64	14.484	7.665615	4	28
punctaj	140	76.50714	8.561665	51	93	64	76.172	11.29061	50	95
ca15	140	1769913	4187730	0	3.57E+07	64	3E+06	8421073	0	4.72E+07
ca16	140	2003874	4183459	1650	3.51E+07	64	4E+06	1.02E+07	6000	5.56E+07
employ15	140	11.08571	27.47438	0	227	64	18.031	45.69775	0	209
employ16	140	12.41429	29.09275	0	224	64	17.906	44.33699	1	209
debt15	140	779281	2009547	525	2.08E+07	64	2E+06	4743395	7	2.66E+07
debt16	140	926267.1	2142130	610	2.09E+07	64	2E+06	6559554	2183	3.94E+07

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.14 Beneficiaries and non-beneficiaries, current debt in 2016 (by location)

Location	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0 Not stakeholder territory	64	2277514	819944.2	6559554	638986.7	3916042
1 Stakeholder territory	140	926267.1	181043	2142130	568313	1284221
combined	204	1350188	287744.1	4109807	782837.5	1917538
diff = mean(0) - mean(1)		1351247	614349.8			
diff = mean(0) - mean(1)			t = 2.1995			
Ho: diff = 0 degrees of freedom = 138		202				
Ha: diff != 0	Pr( T  >  t ) = 0.0290					

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

The comparison before (2016) & after (2019) the treatment in Table 0.15 shows the findings related to the beneficiaries:

- The turnover increased in average 7.05 times compared to the increase in the comparison group which was only 4.5 times;
- The companies had an average net increase of the number of employees of 4 compared to a net decrease of 1.7 in the case of non-beneficiaries;
- The non-beneficiaries had a 60% higher increase of the average debts compared to the beneficiaries;
- The productivity decreased in the beneficiaries (the level in 2019 is 0.95, the value of 2016), compared to the non-beneficiaries who had an increase reaching n 1029 1.5 the value in 2016.

Table 0.15 Change in performance of beneficiaries and non-beneficiaries

Variable	Obs	Mean	Std. Dev.	Min	Max
-> tnt = 0 non beneficiaries					
rapca	64	4.554844	14.17533	0	111.02
difemploy	64	-1.765625	15.3082	-117	13
difdebt	64	1960836	5769642	-1571044	3.12E+07
varproductiv	64	1.509375	4.111982	-1	26.76
-> tnt = 1 beneficiaries					
rapca	140	7.0455	28.16639	0.46	260.04
difemploy	140	4.142857	11.29562	-21	104
difdebt	140	1239884	3483883	-5623261	3.12E+07
varproductiv	138	0.9502899	5.738359	-0.88	64.01

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

The performance of the beneficiaries in the stakeholder territory is lower than the performance of the businesses in the other counties of the regions, in terms of increase of the turnover (3.42 times compared to 9.18 times), decrease of productivity (0.3 4 the level on 2016) compared to an increase (1.29) in the other counties, increase of number of employees with 2.7 compared to 4.95.

Analysing only the grants to microenterprises (119 out of the 140), we note that the differences are in favour of the counties outside the stakeholder territory. For the grants to SMEs, ROP2.2 there are only 21 beneficiaries included in the assessment, therefore the results offer only an orientation about the effects on performance.

Table 0.16 Beneficiaries' outcomes compared by location

Variable	Obs	Mean	Std. Dev.	Min	Max
location = 0 not stakeholder territory					
rapca	88	9.185568	35.33173	0.7	260.04
difemploy	88	4.954545	14.0401	-21	104
difdebt	88	1101347	2447541	-1998420	12200000
varproductiv	88	1.292955	7.144025	-0.78	64.01
location = 1 stakeholder territory					
rapca	52	3.423846	3.387354	0.46	18.35
difemploy	52	2.769231	2.901084	0	13



difdebt	52	1474331	4772033	-5623261	31200000
varproductiv	52	0.3472	0.9312556	-0.88	2.77

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

Table 0.17 Beneficiaries' outcomes by type of grants

Variable	Obs	Mean	Std. Dev.	Min	Max
Call for proposal microenterprises support					
fpublicapp payed	119	707626	204614.7	95920	894460
rapca	119	7.933782	30.47618	0.46	260.04
difemploy	119	3.394958	4.255044	-8	22
difdebt	119	993664.4	3256793	-1998420	3.12E+07
profitrate19	119	0.1504202	0.1950854	-0.76	0.91
varproductiv	117	1.04188	6.222061	-0.88	64.01
Call for propsoals SMEs support					
fpublicapp~d	21	3045586	1133804	1010134	4517051
rapca	21	2.011905	1.596144	0.8	6.41
difemploy	21	8.380952	27.52722	-21	104
difdebt	21	2635129	4401240	-5623261	1.40E+07
profitrate19	21	0.1109524	0.1164863	-0.11	0.36
varproductiv	21	0.44	0.8355238	-0.7	2.76

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

The analysis of the outcomes and the score in the evaluation process reveals that the score is not correlated with any of the outcome indicators, and even more, there is a weak negative correlation for all variables, except for the number of employees.

Table 0.18 Correlation of the score in evaluation with the change in performance, outcome variables

Pearson correlation coefficient	evaluation score	rapca	difemploy	difdebt	Profitrate19	Var-productiv
evaluation score	1					
rapca	-0.3048	1				
difemploy	0.0684	-0.366	1			
difdebt	-0.1278	0.1804	0.2361	1		
profitrate19	-0.0961	0.318	-0.0596	0.06869	1	
varproductiv	-0.2498	0.8452	-0.519	0.0519	0.2237	1

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

The comparison between the change in performance of the microenterprises and the SMEs funded inside and outside the stakeholder territory shows differences for the outcome variables, but none of them is statistically significant.

A second comparison group (the extended group of non-beneficiaries) was created with SMEs from the region, located in the urban area (similarly to the treatment group), with financial statements for 2019 publicly available. The statistics of the group shows as a feature before the programme implementation a higher performance of the enterprises outside of the stakeholder territory, on average a higher level of the turnover, more employees, but a lower level of productivity.

The non-beneficiaries extended group has a similar distribution in the urban areas of the stakeholder territory as the beneficiaries, with a polarisation of the businesses in the capital cities of the counties, which is not found in the other counties of the region.

The comparison of the beneficiaries with the extended group of non-beneficiaries shows (Table 0.19) the change in business performance in 2019 against 2016 of the beneficiaries' group is more modest than the change of the non-beneficiaries' group. This is reflected in the lower increase of the turnover and productivity, but a higher increase of the number of employees.

*Table 0.19 Change in performance of beneficiaries' outcomes and non-beneficiaries*

Variable	Obs	Mean	Std. Dev.	Min	Max
tnt = 0 non beneficiaries					
rapca	779	12.33715	144.5138	0	3867.87
difemploy	816	1.550245	10.84944	-117	104
difdebt	816	995618.4	3333538	-5623261	3.12E+07
profitrate19	809	0.4035847	5.443812	-38.07	141.74
varproductiv	708	1.533503	6.091715	-1	128.47
tnt = 1 beneficiaries					
rapca	140	7.0455	28.16639	0.46	260.04
difemploy	140	4.142857	11.29562	-21	104
difdebt	140	1239884	3483883	-5623261	3.12E+07
profitrate19	140	0.1445	0.1856365	-0.76	0.91
varproductiv	138	0.9502899	5.738359	-0.88	64.01

*Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities*

The differences between beneficiaries with non-beneficiaries, paired with the location (in and outside the stakeholder territory) prove a positive significant change only for the comparison of beneficiaries in the stakeholder territory with non-beneficiaries outside the stakeholder territory.

Table 0.20 Change in number of employees by beneficiaries, non-beneficiaries, and location

Variable: Difference 2019 - 2016 in number of employees						
pairs tnt#location	contrast	Std. Err.	t	P> t	[95% Conf. Interval]	
(1 0) vs (0 0) beneficiaries out of the stakeholder territory - non-beneficiaries outside the stakeholder territory	2.874207	1.265925	2.27	0.106	-0.38375	6.132161
(1 1) vs (0 0) beneficiaries in the stakeholder territory - non beneficiaries outside the stakeholder territory	0.6888925	1.593111	0.43	0.973	-3.4111	4.788882
(1 0) vs (0 1) beneficiaries outside the stakeholder territory - non-beneficiaries outside the stakeholder territory	4.135303	1.303013	3.17	0.008	0.781902	7.488705
(1 1) vs (0 1) beneficiaries in the stakeholder territory - non beneficiaries in the stakeholder territory	1.949989	1.622738	1.2	0.626	-2.22625	6.126226
(1 1) vs (1 0) beneficiaries in the stakeholder territory - beneficiaries outside the stakeholder territory	-2.185315	1.907303	-1.15	0.661	-7.0939	2.723271

Source: Consortium calculations based on data from the NE RDA and administrative data reported to the tax authorities

A similar analysis of the turnover increase and change in productivity does not provide evidence of statistically significant differences between the beneficiaries and the sample of enterprises non-beneficiaries selected from the entire NE region.

## Annex 3 Regional potential and the “entrepreneurship ecosystem”

Table 0.1: Number of administrative units in the stakeholder territory (2019)

	BT	IS	GL	VS	ST	RO	ST/ RO (%)
Communes	71	61	93	81	306	2862	11%
Municipalities	2	2	2	3	9	103	9%
Towns	5	2	3	2	12	216	6%
Villages	333	180	418	449	1380	12959	11%
Out of which part of towns	11	2	4	6	23	468	5%
LAU	78	65	98	86	327	3181	10%

Source: Consortium calculations based on data from NIS Romania

Table 0.2: Surface of the stakeholder territory

County	Botoșani	Iași	Vaslui	Galați	Stakeholder area	Romania
LO1 - Land area (01.01.2020) km <sup>2</sup>	4,987	5,477	5,317	4,465	20,246	238,397

Source: Consortium calculations based on data from NIS Romania

Table 0.3: Employment rate of the labour resources

Employment rate of labour resources	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Romania	63.6	60.6	59.6	59.6	61.1	60.9	66.9	66.8	66.2	67.3	68.7
Botoșani	54.4	52.6	51.8	52.8	54.4	53.6	61.1	59.3	55.6	56.3	57.4
Iași	56.1	53.8	53.3	50.7	51.3	49.9	54.3	53.9	53.1	54.5	55.7
Vaslui	52	49.8	48.6	49.1	50.2	47.8	58.7	57.2	53.7	54.6	55.9
Galați	50.6	46.7	44.4	44.1	45.1	45.2	54.7	54.7	53	54.5	56.1

Source: NIS Romania

Table 0.4: Permanent migration change by age group, macroregions, development regions and counties of arrival/departure

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
POP309B - Permanent emigrants by age group, macroregions, development regions and counties of departure											
<b>ROMANIA</b>	10211	7906	18307	18001	19056	11251	15235	22807	23156	27229	26775
<b>Botoșani</b>	135	117	235	239	270	186	277	378	385	432	474
<b>Galați</b>	291	235	490	480	504	418	537	831	878	1096	1141
<b>Iași</b>	453	331	769	678	609	542	829	1289	1491	1876	1925
<b>Vaslui</b>	121	105	221	239	298	260	311	527	544	755	911
POP310B - Permanent immigrants by age group, macroregions, development regions and counties of arrival											
<b>TOTAL</b>	8606	7059	15538	21684	23897	36644	23093	27863	50199	65678	64479
<b>Botoșani</b>	55	44	276	662	814	639	448	1474	2055	5761	5242
<b>Galați</b>	153	141	663	1516	1191	1202	960	1434	2646	3934	5954
<b>Iași</b>	359	332	1748	6529	8438	13524	7973	5464	7962	8181	10324

<b>Vaslui</b>	36	61	769	2801	5439	7484	3506	5913	9523	10956	12488
<b>Permanent immigrants - permanent emigrants by age group, macroregions, development regions and counties of arrival/departure departure</b>											
<b>TOTAL</b>	-1605	-847	-2769	3683	4841	25393	7858	5056	27043	38449	37704
<b>Botoșani</b>	-80	-73	41	423	544	453	171	1096	1670	5329	4768
<b>Galați</b>	-138	-94	173	1036	687	784	423	603	1768	2838	4813
<b>Iași</b>	-94	1	979	5851	7829	12982	7144	4175	6471	6305	8399
<b>Vaslui</b>	-85	-44	548	2562	5141	7224	3195	5386	8979	10201	11577

Source: NIS Romania

Table 0.5: Net temporary migration in the stakeholder territory

			2012	2013	2014	2015	2016	2017	2018
<b>Total</b>	<b>Total</b>	<b>TOTAL</b>	-2920	-8109	-36836	-61923	-70123	-64758	-59083
-	-	<b>Botoșani</b>	-279	-316	-894	-1386	-1555	-1499	-1502
-	-	<b>Iași</b>	-36	-182	-1316	-2257	-2555	-2357	-2251
-	-	<b>Vaslui</b>	-193	-232	-810	-1291	-1454	-1373	-1396
-	-	<b>Galați</b>	-78	-222	-971	-1635	-1866	-1697	-1580
-	<b>Urban</b>	<b>TOTAL</b>	-620	-7826	-19230	-32576	-36763	-34586	-23250
-	-	<b>Botoșani</b>	74	-48	-238	-450	-519	-446	-296
-	-	<b>Iași</b>	160	-93	-485	-924	-1059	-942	-574
-	-	<b>Vaslui</b>	14	-92	-256	-445	-507	-459	-316
-	-	<b>Galați</b>	56	-151	-467	-830	-957	-852	-564
-	<b>Rural</b>	<b>TOTAL</b>	-2300	-283	-17606	-29347	-33360	-30172	-35833
-	-	<b>Botoșani</b>	-353	-268	-656	-936	-1036	-1053	-1206
-	-	<b>Iași</b>	-196	-89	-831	-1333	-1496	-1415	-1677
-	-	<b>Vaslui</b>	-207	-140	-554	-846	-947	-914	-1080
-	-	<b>Galați</b>	-134	-71	-504	-805	-909	-845	-1016
<b>0- 4 ani</b>	<b>Total</b>	<b>TOTAL</b>	-1758	-2398	-333	-2954	-2680	-4921	-2437
-	-	<b>Botoșani</b>	-46	-53	-15	-67	-58	-104	-67
-	-	<b>Iași</b>	-63	-85	-10	-111	-98	-184	-91
-	-	<b>Vaslui</b>	-41	-48	-11	-59	-56	-95	-61
-	-	<b>Galați</b>	-48	-65	-10	-77	-74	-129	-64
-	<b>Urban</b>	<b>TOTAL</b>	-895	-1243	-163	-1559	-1410	-2628	-968
-	-	<b>Botoșani</b>	-12	-16	-1	-22	-18	-38	-11
-	-	<b>Iași</b>	-22	-34	2	-48	-40	-83	-18
-	-	<b>Vaslui</b>	-12	-16	-2	-19	-19	-36	-15
-	-	<b>Galați</b>	-21	-30	-2	-40	-39	-68	-22
-	<b>Rural</b>	<b>TOTAL</b>	-863	-1155	-170	-1395	-1270	-2293	-1469
-	-	<b>Botoșani</b>	-34	-37	-14	-45	-40	-66	-56
-	-	<b>Iași</b>	-41	-51	-12	-63	-58	-101	-73
-	-	<b>Vaslui</b>	-29	-32	-9	-40	-37	-59	-46
-	-	<b>Galați</b>	-27	-35	-8	-37	-35	-61	-42

<b>5- 9 ani</b>	<b>Total</b>	<b>TOTAL</b>	-944	-244	-2895	-998	-1593	-586	-1510
-	-	<b>Botoșani</b>	-30	-15	-66	-23	-38	-20	-41
-	-	<b>Iași</b>	-34	-3	-105	-38	-51	-19	-55
-	-	<b>Vaslui</b>	-26	-8	-61	-21	-36	-17	-36
-	-	<b>Galați</b>	-24	-4	-78	-26	-42	-17	-41
-	<b>Urban</b>	<b>TOTAL</b>	-460	-522	-1528	-515	-827	-313	-543
-	-	<b>Botoșani</b>	-4	-5	-21	-5	-10	-2	-5
-	-	<b>Iași</b>	-7	-12	-45	-11	-18	-3	-10
-	-	<b>Vaslui</b>	-6	-9	-22	-7	-11	-2	-8
-	-	<b>Galați</b>	-8	-12	-40	-11	-21	-5	-13
-	<b>Rural</b>	<b>TOTAL</b>	-484	278	-1367	-483	-766	-273	-967
-	-	<b>Botoșani</b>	-26	-10	-45	-18	-28	-18	-36
-	-	<b>Iași</b>	-27	9	-60	-27	-33	-16	-45
-	-	<b>Vaslui</b>	-20	1	-39	-14	-25	-15	-28
-	-	<b>Galați</b>	-16	8	-38	-15	-21	-12	-28
<b>10-14 ani</b>	<b>Total</b>	<b>TOTAL</b>	-2448	-2144	-2485	-1879	-3286	-3309	-4874
-	-	<b>Botoșani</b>	-55	-48	-55	-40	-71	-71	-113
-	-	<b>Iași</b>	-90	-75	-93	-69	-118	-117	-183
-	-	<b>Vaslui</b>	-52	-43	-52	-40	-70	-65	-103
-	-	<b>Galați</b>	-65	-58	-64	-49	-83	-83	-130
-	<b>Urban</b>	<b>TOTAL</b>	-1266	-1431	-1311	-991	-1731	-1767	-2259
-	-	<b>Botoșani</b>	-18	-19	-21	-13	-25	-24	-36
-	-	<b>Iași</b>	-36	-40	-39	-27	-51	-49	-67
-	-	<b>Vaslui</b>	-17	-21	-19	-12	-25	-21	-31
-	-	<b>Galați</b>	-32	-38	-32	-26	-40	-45	-58
-	<b>Rural</b>	<b>TOTAL</b>	-1182	-713	-1174	-888	-1555	-1542	-2615
-	-	<b>Botoșani</b>	-37	-29	-34	-27	-46	-47	-77
-	-	<b>Iași</b>	-54	-35	-54	-42	-67	-68	-116
-	-	<b>Vaslui</b>	-35	-22	-33	-28	-45	-44	-72
-	-	<b>Galați</b>	-33	-20	-32	-23	-43	-38	-72
<b>15-19 ani</b>	<b>Total</b>	<b>TOTAL</b>	-4156	-4459	-1601	-2799	-6320	-13693	-12375
-	-	<b>Botoșani</b>	-94	-93	-40	-71	-132	-280	-268
-	-	<b>Iași</b>	-152	-162	-57	-100	-234	-510	-468
-	-	<b>Vaslui</b>	-87	-89	-38	-61	-130	-276	-260
-	-	<b>Galați</b>	-111	-120	-41	-76	-169	-359	-331
-	<b>Urban</b>	<b>TOTAL</b>	-2167	-2338	-831	-1469	-3326	-7313	-5863
-	-	<b>Botoșani</b>	-32	-33	-10	-23	-45	-108	-90
-	-	<b>Iași</b>	-62	-68	-18	-40	-102	-226	-181
-	-	<b>Vaslui</b>	-30	-31	-13	-20	-46	-105	-82

-	-	Galați	-56	-60	-18	-38	-90	-193	-158
-	Rural	TOTAL	-1989	-2121	-770	-1330	-2994	-6380	-6512
-	-	Botoșani	-62	-60	-30	-48	-87	-172	-178
-	-	Iași	-90	-94	-39	-60	-132	-284	-287
-	-	Vaslui	-57	-58	-25	-41	-84	-171	-178
-	-	Galați	-55	-60	-23	-38	-79	-166	-173
20-24 ani	Total	TOTAL	-8892	-9183	-3258	-17114	-24196	-25083	-19732
-	-	Botoșani	-204	-197	-87	-358	-500	-520	-436
-	-	Iași	-323	-326	-112	-636	-898	-935	-751
-	-	Vaslui	-189	-184	-75	-342	-480	-493	-418
-	-	Galați	-235	-245	-84	-451	-641	-660	-527
-	Urban	TOTAL	-4591	-6421	-1680	-9060	-12787	-13399	-9058
-	-	Botoșani	-61	-98	-17	-138	-191	-201	-137
-	-	Iași	-128	-196	-33	-283	-394	-419	-278
-	-	Vaslui	-62	-93	-21	-125	-188	-190	-126
-	-	Galați	-116	-173	-35	-238	-340	-354	-239
-	Rural	TOTAL	-4301	-2762	-1578	-8054	-11409	-11684	-10674
-	-	Botoșani	-143	-99	-70	-220	-309	-319	-299
-	-	Iași	-195	-130	-79	-353	-504	-516	-473
-	-	Vaslui	-127	-91	-54	-217	-292	-303	-292
-	-	Galați	-119	-72	-49	-213	-301	-306	-288
25-29 ani	Total	TOTAL	1986	-7	-7184	-27144	-7277	-10069	-4221
-	-	Botoșani	1	-24	-172	-565	-170	-238	-129
-	-	Iași	89	18	-259	-1004	-265	-365	-161
-	-	Vaslui	16	-12	-157	-546	-157	-218	-117
-	-	Galați	52	0	-193	-717	-196	-264	-117
-	Urban	TOTAL	1215	-536	-3753	-14374	-3770	-5377	-1157
-	-	Botoșani	34	3	-48	-213	-50	-67	-7
-	-	Iași	71	15	-98	-437	-105	-142	-10
-	-	Vaslui	22	-4	-52	-212	-50	-69	-16
-	-	Galați	45	-5	-95	-379	-97	-132	-20
-	Rural	TOTAL	771	529	-3431	-12770	-3507	-4692	-3064
-	-	Botoșani	-33	-27	-124	-352	-120	-171	-122
-	-	Iași	18	3	-161	-567	-160	-223	-151
-	-	Vaslui	-6	-8	-105	-334	-107	-149	-101
-	-	Galați	7	5	-98	-338	-99	-132	-97
30-34 ani	Total	TOTAL	6642	7488	-4363	-4701	-5805	-2468	370
-	-	Botoșani	102	125	-106	-115	-131	-78	-38
-	-	Iași	259	296	-155	-169	-211	-84	8

-	-	Vaslui	113	131	-99	-105	-120	-67	-31
-	-	Galați	177	197	-120	-123	-158	-66	12
-	Urban	TOTAL	3659	3167	-2272	-2445	-3019	-1318	1115
-	-	Botoșani	73	56	-28	-29	-40	-5	29
-	-	Iași	146	125	-57	-60	-84	-17	62
-	-	Vaslui	56	49	-30	-37	-37	-18	6
-	-	Galați	110	91	-57	-55	-79	-27	44
-	Rural	TOTAL	2983	4321	-2091	-2256	-2786	-1150	-745
-	-	Botoșani	29	69	-78	-86	-91	-73	-67
-	-	Iași	113	171	-98	-109	-127	-67	-54
-	-	Vaslui	57	82	-69	-68	-83	-49	-37
-	-	Galați	67	106	-63	-68	-79	-39	-32
35-39 ani	Total	TOTAL	3773	1604	-5533	-3646	-7454	3161	-6947
-	-	Botoșani	55	16	-127	-89	-165	36	-175
-	-	Iași	148	71	-202	-130	-272	124	-268
-	-	Vaslui	60	23	-117	-82	-150	47	-165
-	-	Galați	100	40	-146	-97	-202	85	-187
-	Urban	TOTAL	2106	515	-2906	-1896	-3911	1688	-2763
-	-	Botoșani	45	16	-38	-20	-55	36	-36
-	-	Iași	89	34	-81	-44	-113	76	-73
-	-	Vaslui	33	9	-41	-24	-54	28	-45
-	-	Galați	65	22	-74	-45	-103	55	-67
-	Rural	TOTAL	1667	1089	-2627	-1750	-3543	1473	-4184
-	-	Botoșani	10	0	-89	-69	-110	0	-139
-	-	Iași	59	37	-121	-86	-159	48	-195
-	-	Vaslui	27	14	-76	-58	-96	19	-120
-	-	Galați	35	18	-72	-52	-99	30	-120
40-44 ani	Total	TOTAL	1451	1589	-3378	-2964	-7175	27	-2076
-	-	Botoșani	9	16	-83	-68	-154	-17	-66
-	-	Iași	62	70	-121	-108	-262	7	-81
-	-	Vaslui	14	25	-72	-64	-146	-3	-58
-	-	Galați	39	41	-88	-80	-192	-1	-58
-	Urban	TOTAL	863	-12	-1768	-1546	-3772	15	-474
-	-	Botoșani	22	4	-24	-19	-55	7	-1
-	-	Iași	46	11	-48	-43	-112	15	-2
-	-	Vaslui	14	0	-22	-18	-53	4	-2
-	-	Galați	32	2	-44	-39	-99	7	-7
-	Rural	TOTAL	588	1601	-1610	-1418	-3403	12	-1602
-	-	Botoșani	-13	12	-59	-49	-99	-24	-65
-	-	Iași	16	59	-73	-65	-150	-8	-79
-	-	Vaslui	0	25	-50	-46	-93	-7	-56
-	-	Galați	7	39	-44	-41	-93	-8	-51



<b>45-49 ani</b>	<b>Total</b>	<b>TOTAL</b>	-545	-595	-3332	76	-5551	-4481	-4261
-	-	<b>Botoșani</b>	-22	-25	-75	-8	-122	-103	-106
-	-	<b>Iași</b>	-17	-16	-123	9	-205	-160	-165
-	-	<b>Vaslui</b>	-19	-16	-69	-3	-116	-94	-96
-	-	<b>Galați</b>	-13	-17	-89	1	-146	-117	-115
-	<b>Urban</b>	<b>TOTAL</b>	-235	69	-1748	65	-2915	-2394	-1688
-	-	<b>Botoșani</b>	0	8	-21	5	-42	-32	-21
-	-	<b>Iași</b>	4	17	-50	10	-88	-65	-46
-	-	<b>Vaslui</b>	-2	4	-20	5	-39	-30	-14
-	-	<b>Galați</b>	-4	8	-45	4	-75	-59	-42
-	<b>Rural</b>	<b>TOTAL</b>	-310	-664	-1584	11	-2636	-2087	-2573
-	-	<b>Botoșani</b>	-22	-33	-54	-13	-80	-71	-85
-	-	<b>Iași</b>	-21	-33	-73	-1	-117	-95	-119
-	-	<b>Vaslui</b>	-17	-20	-49	-8	-77	-64	-82
-	-	<b>Galați</b>	-9	-25	-44	-3	-71	-58	-73
<b>50-54 ani</b>	<b>Total</b>	<b>TOTAL</b>	431	344	-1228	568	-64	-2260	-1008
-	-	<b>Botoșani</b>	-4	-1	-31	3	-11	-56	-35
-	-	<b>Iași</b>	20	20	-42	26	3	-82	-36
-	-	<b>Vaslui</b>	0	2	-29	4	-2	-50	-32
-	-	<b>Galați</b>	10	9	-33	20	-4	-63	-26
-	<b>Urban</b>	<b>TOTAL</b>	274	-10	-636	319	-14	-1207	-193
-	-	<b>Botoșani</b>	7	4	-8	8	2	-13	1
-	-	<b>Iași</b>	19	8	-12	16	6	-30	6
-	-	<b>Vaslui</b>	4	1	-7	6	4	-14	-2
-	-	<b>Galați</b>	11	4	-16	12	0	-29	-1
-	<b>Rural</b>	<b>TOTAL</b>	157	354	-592	249	-50	-1053	-815
-	-	<b>Botoșani</b>	-11	-5	-23	-5	-13	-43	-36
-	-	<b>Iași</b>	1	12	-30	10	-3	-52	-42
-	-	<b>Vaslui</b>	-4	1	-22	-2	-6	-36	-30
-	-	<b>Galați</b>	-1	5	-17	8	-4	-34	-25
<b>55-59 ani</b>	<b>Total</b>	<b>TOTAL</b>	899	-49	-900	742	238	105	-1127
-	-	<b>Botoșani</b>	6	-10	-30	5	-6	-6	-34
-	-	<b>Iași</b>	36	6	-30	32	14	6	-42
-	-	<b>Vaslui</b>	13	-6	-19	13	-2	-6	-29
-	-	<b>Galați</b>	23	-1	-24	16	2	6	-29
-	<b>Urban</b>	<b>TOTAL</b>	511	392	-464	408	146	56	-337
-	-	<b>Botoșani</b>	11	12	-5	8	3	8	-1
-	-	<b>Iași</b>	24	22	-10	19	11	9	-2
-	-	<b>Vaslui</b>	9	8	-6	7	3	3	-3
-	-	<b>Galați</b>	17	17	-10	11	5	8	-6
-	<b>Rural</b>	<b>TOTAL</b>	388	-441	-436	334	92	49	-790

-	-	Botoșani	-5	-22	-25	-3	-9	-14	-33
-	-	Iași	12	-16	-20	13	3	-3	-40
-	-	Vaslui	4	-14	-13	6	-5	-9	-26
-	-	Galați	6	-18	-14	5	-3	-2	-23
60-64 ani	Total	TOTAL	500	258	-336	792	363	-1296	1816
-	-	Botoșani	4	0	-11	8	1	-34	27
-	-	Iași	20	14	-12	30	11	-45	65
-	-	Vaslui	4	2	-8	9	3	-28	32
-	-	Galați	15	8	-10	20	9	-34	47
-	Urban	TOTAL	282	432	-171	429	204	-691	1131
-	-	Botoșani	6	11	-2	8	6	-10	20
-	-	Iași	13	21	-1	16	9	-17	41
-	-	Vaslui	4	8	-1	7	4	-6	21
-	-	Galați	9	17	-5	14	5	-16	32
-	Rural	TOTAL	218	-174	-165	363	159	-605	685
-	-	Botoșani	-2	-11	-9	0	-5	-24	7
-	-	Iași	7	-7	-11	14	2	-28	24
-	-	Vaslui	0	-6	-7	2	-1	-22	11
-	-	Galați	6	-9	-5	6	4	-18	15
65-69 ani	Total	TOTAL	188	46	-42	215	594	-436	-288
-	-	Botoșani	1	0	-1	3	7	-13	-9
-	-	Iași	8	4	-2	9	24	-16	-9
-	-	Vaslui	2	0	-2	2	8	-11	-9
-	-	Galați	6	1	-2	8	16	-12	-8
-	Urban	TOTAL	107	133	-18	117	320	-233	-59
-	-	Botoșani	4	4	-1	2	5	-1	0
-	-	Iași	4	7	-1	6	16	-5	3
-	-	Vaslui	0	3	1	3	3	-1	1
-	-	Galați	3	5	1	4	9	-5	-1
-	Rural	TOTAL	81	-87	-24	98	274	-203	-229
-	-	Botoșani	-3	-4	0	1	2	-12	-9
-	-	Iași	4	-3	-1	3	8	-11	-12
-	-	Vaslui	2	-3	-3	-1	5	-10	-10
-	-	Galați	3	-4	-3	4	7	-7	-7
70-74 ani	Total	TOTAL	54	-132	-106	-56	124	878	-90
-	-	Botoșani	0	-3	1	-1	0	17	-6
-	-	Iași	4	-3	0	2	1	32	-1
-	-	Vaslui	0	-1	-4	1	4	15	-6
-	-	Galați	0	-3	-2	-4	7	25	-3
-	Urban	TOTAL	31	22	-55	-28	69	469	-10
-	-	Botoșani	0	2	2	0	0	8	0

-	-	Iași	1	2	0	1	2	15	2
-	-	Vaslui	2	1	-3	1	1	7	0
-	-	Galați	1	3	1	-3	4	16	-1
-	Rural	TOTAL	23	-154	-51	-28	55	409	-80
-	-	Botoșani	0	-5	-1	-1	0	9	-6
-	-	Iași	3	-5	0	1	-1	17	-3
-	-	Vaslui	-2	-2	-1	0	3	8	-6
-	-	Galați	-1	-6	-3	-1	3	9	-2
75-79 ani	Total	TOTAL	-80	-114	50	-31	-5	-188	-218
-	-	Botoșani	-1	-2	3	0	-5	-6	-4
-	-	Iași	-5	-3	1	2	6	-5	-9
-	-	Vaslui	-1	-4	2	0	-1	-5	-2
-	-	Galați	-2	-3	6	-3	1	-2	0
-	Urban	TOTAL	-42	-54	27	-14	-3	-101	-91
-	-	Botoșani	0	2	4	0	-2	-4	-1
-	-	Iași	-2	-3	-1	1	2	-2	-3
-	-	Vaslui	-1	-1	0	0	0	-4	-1
-	-	Galați	0	0	2	-1	1	-1	1
-	Rural	TOTAL	-38	-60	23	-17	-2	-87	-127
-	-	Botoșani	-1	-4	-1	0	-3	-2	-3
-	-	Iași	-3	0	2	1	4	-3	-6
-	-	Vaslui	0	-3	2	0	-1	-1	-1
-	-	Galați	-2	-3	4	-2	0	-1	-1
80-84 ani	Total	TOTAL	-29	-61	75	-20	-30	-68	-94
-	-	Botoșani	-1	-3	0	0	0	-2	-8
-	-	Iași	-1	-2	8	-2	0	0	-1
-	-	Vaslui	0	-3	1	2	-1	0	-2
-	-	Galați	-1	-3	5	2	5	-4	-4
-	Urban	TOTAL	-17	19	40	-10	-15	-37	-37
-	-	Botoșani	-1	1	0	0	-1	1	-3
-	-	Iași	0	-2	5	-1	1	0	0
-	-	Vaslui	0	0	2	0	2	1	2
-	-	Galați	0	-2	2	0	1	-4	-5
-	Rural	TOTAL	-12	-80	35	-10	-15	-31	-57
-	-	Botoșani	0	-4	0	0	1	-3	-5
-	-	Iași	-1	0	3	-1	-1	0	-1
-	-	Vaslui	0	-3	-1	2	-3	-1	-4
-	-	Galați	-1	-1	3	2	4	0	1
85 ani si peste	Total	TOTAL	8	-52	13	-10	-6	-71	-11
-	-	Botoșani	0	1	1	0	0	-4	6
-	-	Iași	3	-6	-2	0	0	-4	-3

-	-	<b>Vaslui</b>	0	-1	0	1	-2	-7	-3
-	-	<b>Galați</b>	-1	1	2	1	1	-2	1
-	<b>Urban</b>	<b>TOTAL</b>	5	-8	7	-7	-2	-36	4
-	-	<b>Botoșani</b>	0	0	1	1	-1	-1	3
-	-	<b>Iași</b>	0	0	2	1	1	1	2
-	-	<b>Vaslui</b>	0	0	0	0	-2	-6	-1
-	-	<b>Galați</b>	0	0	0	0	1	0	-1
-	<b>Rural</b>	<b>TOTAL</b>	3	-44	6	-3	-4	-35	-15
-	-	<b>Botoșani</b>	0	1	0	-1	1	-3	3
-	-	<b>Iași</b>	3	-6	-4	-1	-1	-5	-5
-	-	<b>Vaslui</b>	0	-1	0	1	0	-1	-2
-	-	<b>Galați</b>	-1	1	2	1	0	-2	2

Source: NIS Romania, POP321C - Temporary immigrants by sex, age groups, urban/ rural area, macroregions, development regions and counties; POP320C - Temporary emigrants by sex, age groups, urban/ rural area, macroregions, development regions and counties

Table 0.6: Departures from domicile (including external migration)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2008-2019
<b>95060 IAȘI MUNICIPALITY</b>	-1175	-801	-736	110	4987	8489	6663	3030	3547	3916	4293	4883	37206
95391 PASCANI MUNICIPALITY	-334	-315	-493	-338	-418	-369	-396	-395	-452	357	715	1168	-1270
95355 HARLAU TOWN	-67	-56	-44	-14	-94	-19	-106	-101	198	457	820	1083	2057
98373 PODU ILOAIEI TOWN	16	20	32	55	22	50	-15	30	-54	-24	-8	-48	76
95471 TARGU FRUMOS TOWN	-128	-70	-82	-59	-60	-58	239	-61	-121	-114	-106	-110	-730
95612 ALEXANDRU I. CUZA	6	4	-10	-3	-16	5	-6	1	19	-11	-6	-5	-22
95667 ANDRIEȘENI	-10	9	-2	-12	44	-16	-22	-1	-40	-21	-46	-37	-154
<b>95747 ARONEANU</b>	45	52	71	151	265	109	78	104	109	44	61	139	1228
100273 BALS	-22	15	-23	-13	3	-23	3	3	-31	7	-11	-3	-95
95792 BALTATI	0	4	-28	30	24	97	170	-22	31	13	-20	-18	281
<b>95088 BARNOVA</b>	265	192	277	180	305	216	245	191	195	205	146	189	2606
95872 BELCEȘTI	-80	-90	-115	-47	-51	-66	-118	-79	-85	-57	-74	-133	-995
95943 BIVOLARI	10	12	9	-3	-4	-28	-16	0	-27	-25	7	-5	-70
96058 BRAEȘTI	-39	-15	-54	-6	-19	-27	-28	19	-21	-8	3	36	-159
96110 BUTEA	7	-18	-17	-15	-11	19	-13	1	7	2	-11	-15	-64
96147 CEPLEȘNITA	-7	-35	-26	-1	-10	13	-10	-12	-29	-29	-5	-33	-184

100362 CIOHORANI	-5	-1	-1	15	-9	-1	-11	-1	-5	-1	-30	-26	-76
96192 CIORTESTI	-24	-18	-2	-23	-42	-26	-17	-51	-59	-53	-39	-66	-420
96254 CIUREA	363	287	366	423	471	561	463	456	455	505	484	570	5404
96334 COARNELE CAPREI	-29	-27	-34	-19	-30	-26	-52	-10	-27	-51	-40	-36	-381
96370 COMARNA	61	35	93	27	59	22	778	376	316	313	-99	-143	1838
100282 COSTESTI	14	7	4	7	7	-10	2	6	-6	3	17	14	65
96423 COSTULENI	-12	9	-11	16	26	237	18	623	458	305	53	133	1855
96478 COTNARI	-35	-37	-37	6	-25	-35	-66	-17	-73	-11	-61	-89	-480
96593 COZMESTI	24	-20	-26	2	3	22	-15	-26	-4	-25	-12	5	-72
96637 CRISTESTI	1	7	-3	-5	3	9	9	-21	-3	-7	-4	-14	-28
96664 CUCUTENI	6	8	-9	1	8	-5	7	1	16	-4	19	28	76
96717 DAGATA	-41	-20	-23	0	-17	9	-44	-50	-26	-37	-50	-34	-333
96815 DELENI	-72	-46	-43	-35	-28	-49	-83	-14	-56	-70	-10	-66	-572
96888 DOBROVAT	25	7	9	-1	1	-7	15	0	2	3	-17	0	37
96904 DOLHESTI	-30	-1	-42	-2	-25	-19	-11	-26	-33	-28	-28	-3	-248
100308 DRAGUSENI	2	-4	-14	18	4	-21	-11	-9	4	-7	-13	-23	-74
96940 DUMESTI	3	-10	18	-1	12	41	-16	7	-8	-7	-10	-13	16
97009 ERBICENI	5	21	36	-18	-2	-23	-48	8	11	-9	-11	-9	-39
100317 FANTANELE	10	3	14	2	6	-1	0	-16	15	-31	-26	-29	-53
97063 FOCURI	-56	-62	-28	-44	-34	-44	-19	-22	-35	-29	-35	-30	-438
97090 GOLAIAESTI	42	35	5	29	26	2	22	2	-7	28	-1	-34	149
97189 GORBAN	-12	6	88	36	56	-15	-16	-1	-9	-15	-13	19	124
97241 GRAJDURI	12	1	40	31	36	1508	3668	1028	-153	-222	-316	-262	5371
97321 GROPNITA	-27	-1	-9	-17	-7	0	-36	30	-8	-24	-25	-3	-127
97394 GROZESTI	4	-19	-6	-19	-13	-6	-5	-9	-12	23	-5	-2	-69
97438 HALAUCESTI	31	6	9	-6	1	6	-24	-9	18	2	-42	-61	-69
100326 HARMANESTI	9	27	37	19	15	25	58	26	43	7	10	10	286
97465 HELESTENI	5	-11	4	8	-17	-5	-3	0	-14	-8	-14	-9	-64

95159 HOLBOCA	87	154	235	172	274	139	215	171	94	160	62	101	1864
97517 HORLESTI	33	38	3	5	-40	-22	6	-16	7	-6	-20	3	-9
95499 ION NECULCE	15	26	72	17	-2	43	-4	-10	36	0	-15	-8	170
97553 IPATELE	1	-8	-31	1	-10	-16	-5	-3	-36	-17	-18	-8	-150
97606 LESPEZI	-11	4	0	-24	8	-6	1	-35	18	-37	-17	-10	-109
97679 LETCANI	81	63	74	66	116	84	44	58	21	59	46	29	741
97722 LUNGANI	-26	-24	38	-6	-33	-4	17	22	5	-14	-14	-7	-46
97777 MADARJAC	-15	-2	1	1	1	-30	-5	-16	-2	-19	-12	11	-87
97811 MIRCESTI	-16	-13	-36	-3	-11	-2	-2	-8	0	-22	-21	-10	-144
97875 MIRONEASA	-69	-73	-68	-38	-38	184	577	243	-129	-148	-116	-146	179
97919 MIROSLAVA	546	553	626	665	1059	678	839	977	1193	1259	1434	1466	11295
98051 MIROȘLOVESTI	-2	-18	-8	2	-38	-34	-21	-21	-36	-11	-39	-47	-273
98113 MOGOSESTI	28	24	17	13	-4	-28	43	2	-26	-36	-26	-16	-9
98168 MOGOSESTI- SIRET	-5	17	13	-7	-21	-17	-7	16	3	15	-14	2	-5
98202 MOSNA	-16	-13	23	-9	-6	314	3405	1646	-187	-201	-270	-304	4382
98220 MOTCA	-10	9	-3	-2	0	11	-21	-23	3	-10	-25	-27	-98
98257 MOVILENI	35	1	-20	16	-1	22	51	18	-3	-5	-11	-5	98
98300 OTELENI	-19	-22	-11	-9	-15	-10	-4	1	-11	-27	-20	-10	-157
98337 PLUGARI	-13	-2	4	-22	-17	-38	-34	-19	15	8	-5	-19	-142
98435 POPESTI	0	-22	17	-10	-9	155	769	486	445	520	343	200	2894
98505 POPRICANI	137	92	97	107	165	104	98	32	55	56	92	41	1076
98603 PRISACANI	15	-8	25	-8	25	7	26	-2	-15	37	739	788	1629
98649 PROBOTA	19	1	11	8	-16	-4	-29	-17	-25	-12	-14	5	-73
100335 RACHITENI	3	-4	-2	-1	14	-12	-14	-2	-19	-10	-24	-13	-84
98685 RADUCANENI	-26	-4	-30	-33	-32	905	-132	-39	-38	-38	-90	-83	360
95239 REDIU	156	161	144	164	990	259	179	232	223	237	297	366	3408
98738 ROMANESTI	6	-7	3	-1	-22	5	-17	0	-3	-6	-5	-4	-51
100344 ROSCANI	21	9	5	8	-10	16	14	-1	22	-9	-10	12	77
98774 RUGINOASA	-13	8	5	-18	44	0	16	-3	7	-35	-20	-6	-15

98916 SCANTEIA	-34	14	54	58	34	32	171	209	820	1068	1072	1452	4950
99290 SCHEIA	-18	8	11	-11	7	-7	-8	-21	-20	-28	-29	-11	-127
98827 SCHITU DUCA	39	-17	30	7	28	-58	-4	-15	-11	-20	-2	-18	-41
98998 SCOBINTI	5	3	28	-27	7	-12	-21	-7	0	32	11	-15	4
99058 SINESTI	-39	-29	-28	-38	-39	-29	-43	-63	-43	-34	-46	-48	-479
99370 SIPOTE	-26	-25	-29	-25	4	-45	-49	10	-55	-30	-51	-57	-378
99101 SIRETEL	-24	-22	-48	-17	-20	-28	-46	-12	-24	-17	-42	-31	-331
99165 STOLNICENI- PRAJESCU	12	-18	-15	14	20	-18	-37	-11	14	-10	-16	6	-59
99209 STRUNGA	-21	2	-26	1	2	-6	-25	-25	-29	-17	-16	-39	-199
99441 TANSA	-6	-13	-7	-8	2	-9	2	15	-3	211	194	210	588
99478 TATARUSI	-11	-10	-42	9	-16	-15	-2	13	-2	-28	-18	-17	-139
99673 TIBANA	-25	-43	-46	-44	-40	2	-76	-6	-85	-4	-61	-47	-475
99780 TIBANESTI	-36	-31	20	12	-24	10	-10	-4	-2	-52	-26	-51	-194
99879 TIGANASI	77	44	0	-6	27	33	15	19	7	54	4	6	280
99539 TODIRESTI	-10	-32	-23	-27	-40	-20	-30	-51	-13	-35	-32	-39	-352
95293 TOMESTI	87	92	11	-28	255	113	36	-70	18	43	32	78	667
99600 TRIFESTI	-9	-16	-6	23	-5	-14	-1	-9	-20	-33	-5	-14	-109
99922 TUTORA	15	43	-3	7	41	13	42	39	29	58	22	43	349
96003 UNGHENI	88	22	11	36	52	45	28	16	-9	-29	-3	13	270
100353 VALEA LUPULUI	224	229	241	332	312	319	355	480	586	765	854	1015	5712
99968 VALEA SEACA	12	61	-18	-6	4	13	2	8	-13	11	38	-27	85
100086 VANATORI	-24	17	4	-10	-17	5	-27	-12	-8	-8	-13	22	-71
100004 VICTORIA	49	-9	-14	3	-6	10	2	23	10	-48	-8	-26	-14
100148 VLADENI	-14	-44	-59	-30	-9	-11	13	1	-22	-37	-47	-21	-280
100219 VOINESTI	21	10	-12	18	22	20	-22	26	-31	-17	-16	-48	-29

Source: NIS Romania based on POP307A-POP308A Net temporary migration

Note: Localities in red are part of the Metropolitan Zone Iași. Figures in red represent net losses of population.

Table 0.7: Turnover from the active local units (% from the total turnover)

		% in total turnover 2018
Total industry retail, constructions and services	TOTAL	52%
-	Botoșani	51%
-	Iași	53%
-	Vaslui	52%
-	Galați	51%
B Quarry and mining	TOTAL	0%
-	Botoșani	0%
-	Iași	0%
-	Vaslui	0%
-	Galați	0%
C Manufacturing	TOTAL	14%
-	Botoșani	17%
-	Iași	12%
-	Vaslui	11%
-	Galați	17%
D Energy production and supply	TOTAL	2%
-	Botoșani	0%
-	Iași	0%
-	Vaslui	1%
-	Galați	1%
E Water supply, waste, decontamination	TOTAL	1%
-	Botoșani	1%
-	Iași	1%
-	Vaslui	1%
-	Galați	1%
F Constructions	TOTAL	3%
-	Botoșani	3%
-	Iași	4%
-	Vaslui	3%
-	Galați	3%
G Wholesale and retailing, care repair	TOTAL	21%
-	Botoșani	24%
-	Iași	24%
-	Vaslui	29%
-	Galați	22%
H Transport and storage	TOTAL	3%
-	Botoșani	2%
-	Iași	3%
-	Vaslui	2%
-	Galați	2%



I HORECA	TOTAL	1%
-	Botoșani	1%
-	Iași	1%
-	Vaslui	1%
-	Galați	1%
J ICT	TOTAL	2%
-	Botoșani	1%
-	Iași	3%
-	Vaslui	1%
-	Galați	1%
Real Estate, professional services other services	TOTAL	3%
-	Botoșani	1%
-	Iași	4%
-	Vaslui	1%
-	Galați	2%
P Education	TOTAL	0%
-	Botoșani	0%
-	Iași	0%
-	Vaslui	0%
-	Galați	0%
Q Health social assistance	TOTAL	0%
-	Botoșani	0%
-	Iași	1%
-	Vaslui	0%
-	Galați	0%
R+S Other services	TOTAL	1%
-	Botoșani	0%
-	Iași	1%
-	Vaslui	1%
-	Galați	0%

Source: NIS Romaniaa, INT104D - Turnover from the active local units, by activity of national economy at the level of NACE Rev.2 sections, by size, class and by number of persons employed, macroregions, development regions and counties, current prices

Table 0.8: Active enterprises, local active units and turnover by stakeholder territory and county in total national level (%)

Business statistics indicator	Territory	2013	2014	2015	2016	2017	2018
% Active enterprises in the stakeholder territory by county in total active enterprises in Romania	Romania	100%	100%	100%	100%	100%	100%
	Botoşani	0.78%	0.78%	0.78%	0.77%	0.78%	0.77%
	Iaşi	2.93%	2.92%	2.94%	3.00%	3.09%	3.16%
	Vaslui	0.91%	0.89%	0.90%	0.93%	0.95%	0.97%
	Galaţi	2.26%	2.23%	2.23%	2.24%	2.19%	2.17%
	<b>Stakeholder territory</b>	<b>6.88%</b>	<b>6.82%</b>	<b>6.85%</b>	<b>6.93%</b>	<b>7.01%</b>	<b>7.07%</b>
% Active local units in the stakeholder territory by county in total active enterprises in Romania	Romania	100%	100%	100%	100%	100%	100%
	Botoşani	0.79%	0.79%	0.79%	0.78%	0.79%	0.79%
	Iaşi	2.94%	2.94%	2.95%	3.01%	3.10%	3.17%
	Vaslui	0.92%	0.90%	0.91%	0.93%	0.95%	0.97%
	Galaţi	2.27%	2.23%	2.24%	2.25%	2.21%	2.19%
	<b>Stakeholder territory</b>	<b>6.92%</b>	<b>6.85%</b>	<b>6.89%</b>	<b>6.97%</b>	<b>7.05%</b>	<b>7.11%</b>
% Turnover pf active local units in the stakeholder territory by county in total active enterprises in Romania	Romania	100%	100%	100%	100%	100%	100%
	Botoşani	0.51%	0.50%	0.58%	0.54%	0.55%	0.54%
	Iaşi	2.06%	2.13%	2.15%	2.23%	2.23%	2.30%
	Vaslui	0.44%	0.45%	0.47%	0.48%	0.47%	0.47%
	Galaţi	1.91%	1.85%	1.78%	1.69%	1.72%	1.71%
	<b>Stakeholder territory</b>	<b>4.92%</b>	<b>4.94%</b>	<b>4.99%</b>	<b>4.94%</b>	<b>4.97%</b>	<b>5.02%</b>

Source: Consortium calculations based on data from NIS Romania

Table 0.9: Labour productivity by activity of national economy at the level of NACE Rev.2 sections (2017-2018)

Activity NACE Rev 2	Romania /County	Labour productivity		Labour productivity by county and activity in total national productivity by activity	
		2017	2018	2017	2018
		Mil EUR/1000 inhabitants	Mil EUR/1000 inhabitants	no	no
Total industry, constructions, commerce and other services.	TOTAL	70.54	76.96	1.00	1.00
-	Botoşani	48.82	52.75	0.69	0.69
-	Iaşi	52.43	58.13	0.74	0.76
-	Vaslui	42.42	46.82	0.60	0.61
-	Galaţi	58.40	63.82	0.83	0.83
B Quarry and mining	TOTAL	55.08	69.48		
B Quarry and mining	Botoşani	47.11	50.79	0.67	0.66

B Quarry and mining	Iași	66.25	80.13	0.94	1.04
B Quarry and mining	Vaslui	48.65	85.96	0.69	1.12
B Quarry and mining	Galați	12.01	16.53	0.17	0.21
C Manufacturing	TOTAL	68.96	75.65		
C Manufacturing	Botoșani	44.03	45.63	0.62	0.59
C Manufacturing	Iași	55.93	59.51	0.79	0.77
C Manufacturing	Vaslui	25.28	28.34	0.36	0.37
C Manufacturing	Galați	79.20	86.25	1.12	1.12
D Energy production and supply	TOTAL	222.85	234.14		
D Energy production and supply	Botoșani	47.59	31.69	0.67	0.41
D Energy production and supply	Iași	37.88	34.36	0.54	0.45
D Energy production and supply	Vaslui	127.40	155.00	1.81	2.01
D Energy production and supply	Galați	38.30	100.88	0.54	1.31
E Water supply, waste, decontamination	TOTAL	37.13	38.43		
E Water supply, waste, decontamination	Botoșani	19.72	21.02	0.28	0.27
E Water supply, waste, decontamination	Iași	39.02	41.01	0.55	0.53
E Water supply, waste, decontamination	Vaslui	16.20	18.27	0.23	0.24
E Water supply, waste, decontamination	Galați	61.99	65.38	0.88	0.85
F CONSTRUCTII	TOTAL	45.17	51.78		
F CONSTRUCTII	Botoșani	33.21	33.90	0.47	0.44
F CONSTRUCTII	Iași	37.62	41.39	0.53	0.54
F CONSTRUCTII	Vaslui	26.51	30.24	0.38	0.39
F CONSTRUCTII	Galați	33.40	36.53	0.47	0.47
G Wholesale and retailing, care repair	TOTAL	129.49	142.43		
G Wholesale and retailing, care repair	Botoșani	85.45	98.08	1.21	1.27
G Wholesale and retailing, care repair	Iași	105.97	122.90	1.50	1.60
G Wholesale and retailing, care repair	Vaslui	89.02	93.66	1.26	1.22
G Wholesale and retailing, care repair	Galați	97.06	103.39	1.38	1.34
H Transport and storage	TOTAL	47.26	50.24		
-	Botoșani	26.98	27.34	0.38	0.36
-	Iași	22.64	27.03	0.32	0.35
-	Vaslui	27.85	30.41	0.39	0.40
-	Galați	25.52	26.23	0.36	0.34
I HORECA	TOTAL	23.96	26.27		
-	Botoșani	20.01	22.41	0.28	0.29

-	Iași	24.95	26.66	0.35	0.35
-	Vaslui	17.59	20.44	0.25	0.27
-	Galați	19.38	21.58	0.27	0.28
J ICT	TOTAL	60.92	62.43		
-	Botoșani	49.69	58.09	0.70	0.75
-	Iași	41.24	42.78	0.58	0.56
-	Vaslui	56.74	55.65	0.80	0.72
-	Galați	30.83	31.64	0.44	0.41
Real Estate, professional services other services	TOTAL	31.21	34.98		
-	Botoșani	18.11	19.81	0.26	0.26
-	Iași	25.30	29.33	0.36	0.38
-	Vaslui	16.88	18.98	0.24	0.25
-	Galați	19.60	20.60	0.28	0.27
P Education	TOTAL	14.94	16.11		
-	Botoșani	7.89	8.33	0.11	0.11
-	Iași	10.96	13.09	0.16	0.17
-	Vaslui	15.30	15.92	0.22	0.21
-	Galați	9.65	10.06	0.14	0.13
Q Health social assistance	TOTAL	29.32	31.45		
-	Botoșani	23.20	26.63	0.33	0.35
-	Iași	24.40	27.64	0.35	0.36
-	Vaslui	19.11	20.28	0.27	0.26
-	Galați	24.21	25.50	0.34	0.33
R+S Other services	TOTAL	33.91	37.16		
-	Botoșani	44.20	26.44	0.63	0.34
-	Iași	25.56	29.29	0.36	0.38
-	Vaslui	32.33	41.28	0.46	0.54
-	Galați	23.21	25.94	0.33	0.34

Source: Consortium calculations based on data from NIS Romania

Table 0.10: Change of employment by business size between 2008-2018

	Businesses 0-9 employees	Businesses 10-49	Businesses 50-249	Businesses 250+ employees
Romania	100%	101%	94%	102%
Botoșani	102%	86%	81%	91%
Iași	100%	104%	99%	107%
Vaslui	100%	109%	73%	75%
Galați	101%	93%	85%	114%

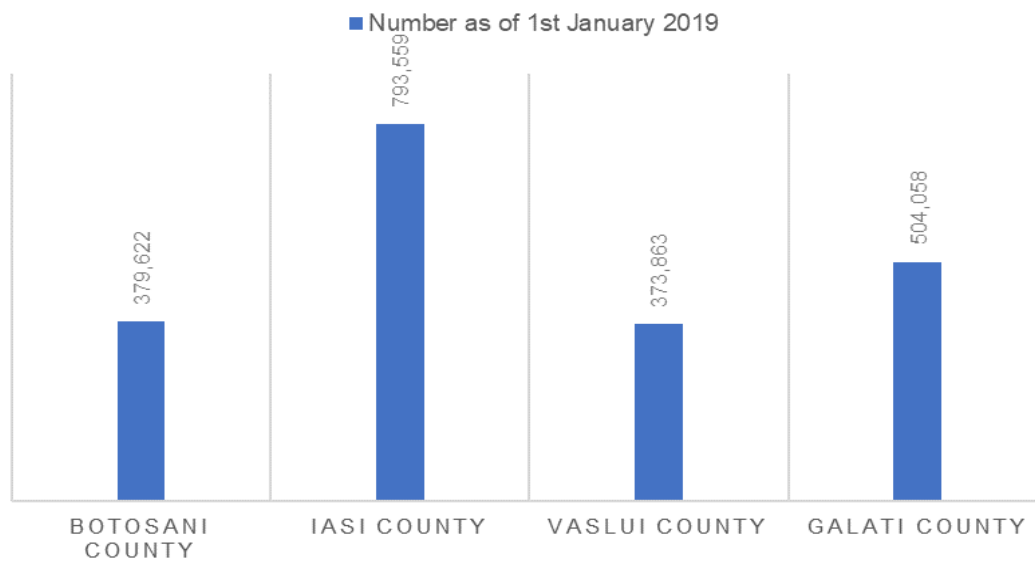
Source: Consortium calculations based on data from NIS Romania

Table 0.11: Public transport in the stakeholder territory (2015-2019)

OP105A - Usually resident population by age group and ages, sex, urban/rural area, macroregions, development regions and counties at January 1st.	Year 2015	Year 2016	Year 2017	Year 2018	Year 2019
TOTAL	19875542	19760585	19643949	19530631	19414458
Botoșani	399273	394625	390320	385046	379622
Iași	787589	788659	789935	791210	793559
Vaslui	390015	387525	383924	380001	373863
Galați	524751	520058	515297	509471	504058
Stakeholder territory	2101628	2090867	2079476	2065728	2051102
GOS114B - Passengers transported with local public transport by macroregions, development regions and counties	Year 2015	Year 2016	Year 2017	Year 2018	Year 2019
TOTAL	1846810.4	1700951.2	1708811.3	1684278	1584115
Botoșani	2795.4	2516.7	2450.6	2432	2320
Iași	149814	153773.9	164572.9	175094	81652
Vaslui	5309.5	6508.1	7552.1	6687	6695
Galați	39488	49965	56424	51317	48497
Stakeholder territory	197406.9	212763.7	230999.6	235530	139164
Passengers transported (GOS 114B) divided by Usually resident population (OP105A)	Year 2015	Year 2016	Year 2017	Year 2018	Year 2019
TOTAL	0.09	0.09	0.09	0.09	0.08
Botoșani	0.01	0.01	0.01	0.01	0.01
Iași	0.19	0.19	0.21	0.22	0.10
Vaslui	0.01	0.02	0.02	0.02	0.02
Galați	0.08	0.10	0.11	0.10	0.10
Stakeholder territory	0.09	0.10	0.11	0.11	0.07

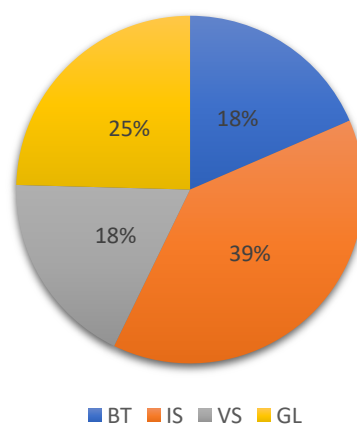
Source: Consortium calculations based on data from NIS Romania

Figure 0.1: Resident population in the stakeholder territory counties (2019)



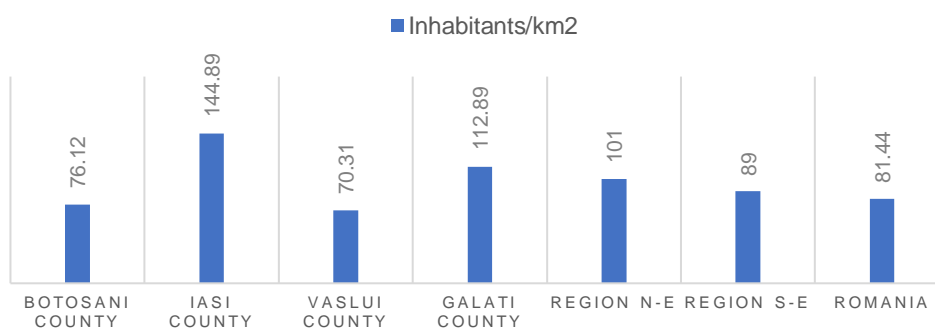
Source: Consortium calculations based on data from NIS Romania

Figure 0.2: Resident population by county at 1<sup>st</sup> of January 2019



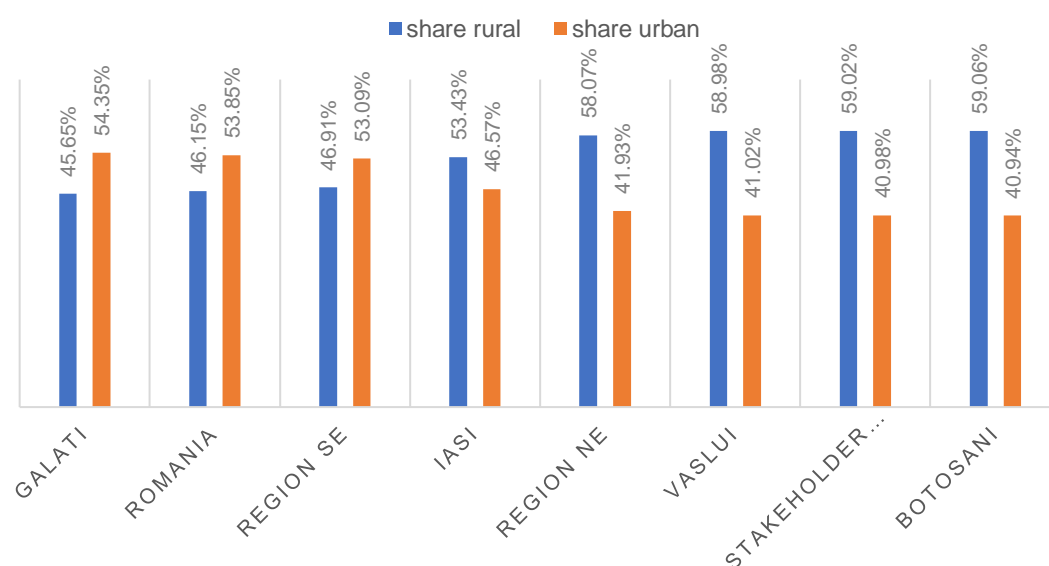
Source: Consortium calculations based on data from NIS Romania

Figure 0.3: Population density in the stakeholder territory and Romania



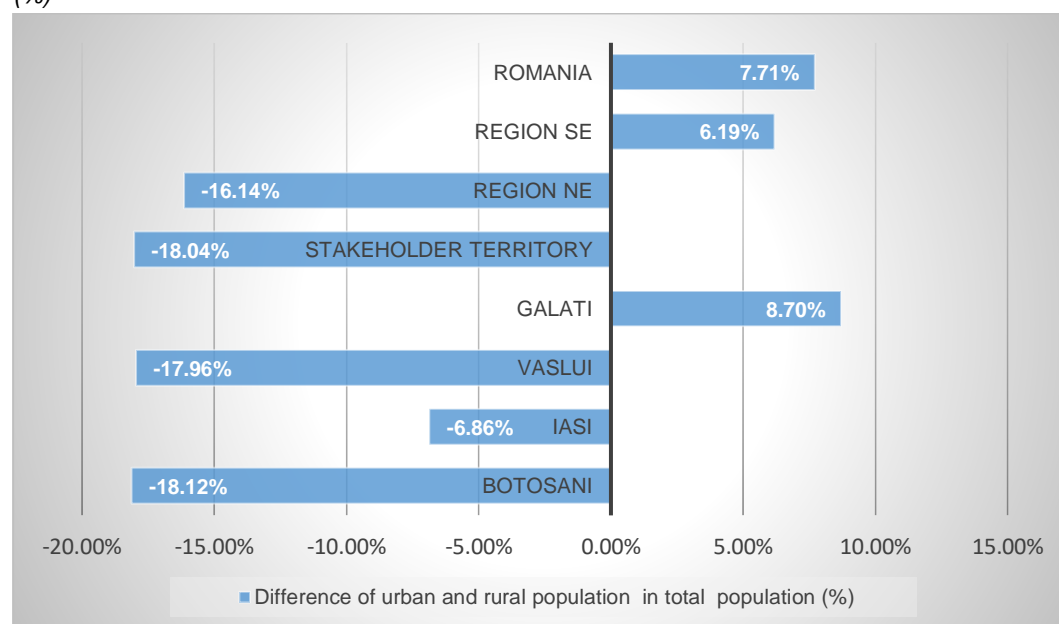
Source: Consortium calculations based on data from NIS Romania

Figure 0.4: Share of urban and rural population at 1<sup>st</sup> of January 2019



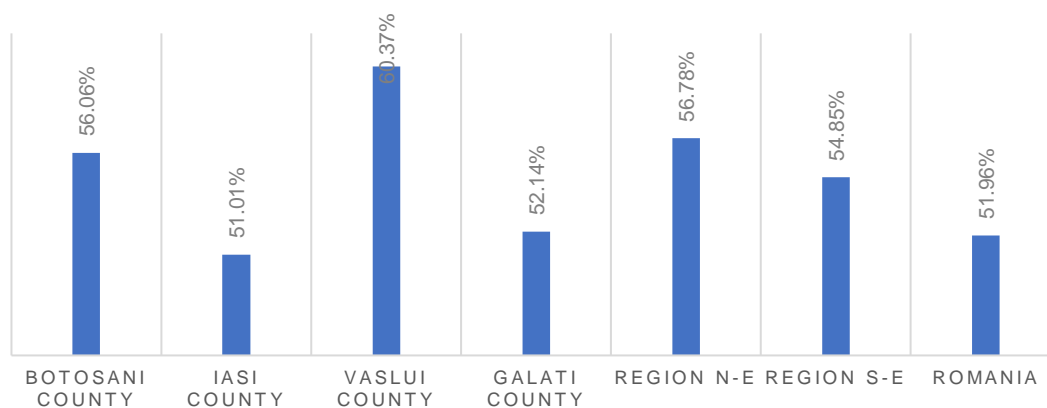
Source: Consortium calculations based on data from NIS Romania

Figure 0.5: Difference between urban and rural population in the total population at 1<sup>st</sup> of January 2019 (%)



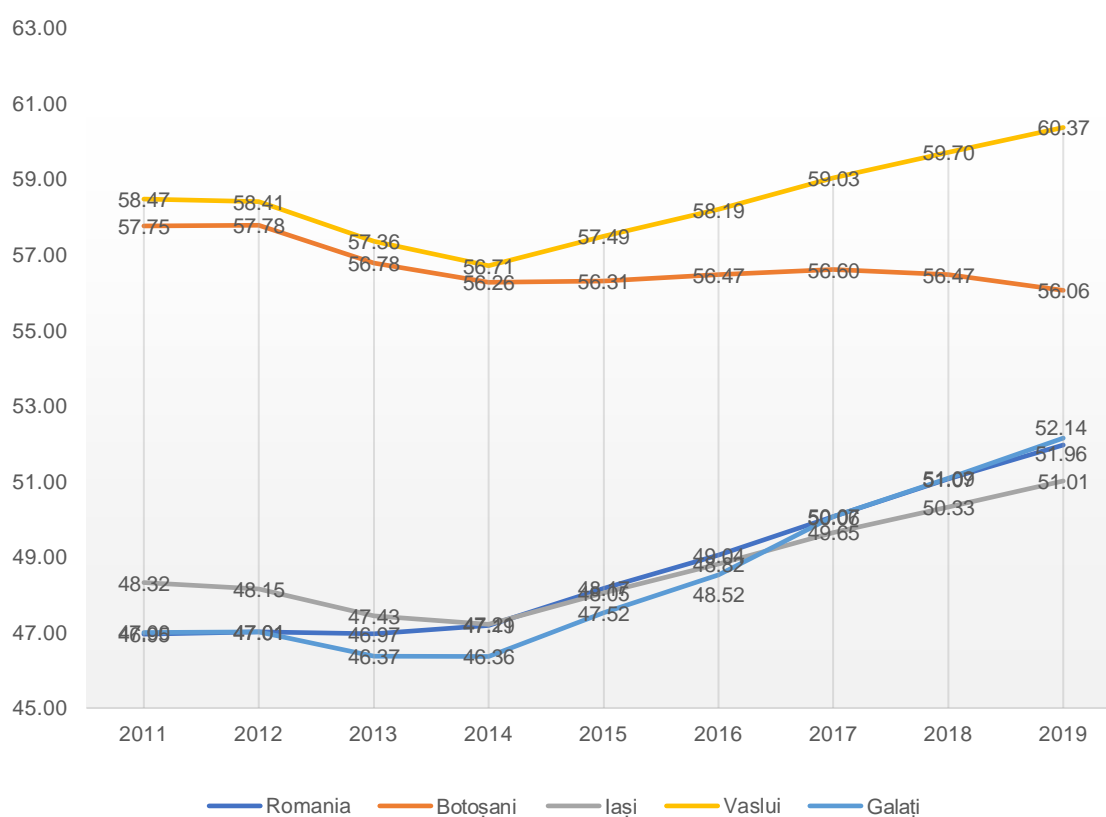
Source: NIS Romania, Tempo online and consortium calculations

Figure 0.6: Population dependency ratio as of 1st of January 2019



Source: Consortium calculations based on data from NIS Romania

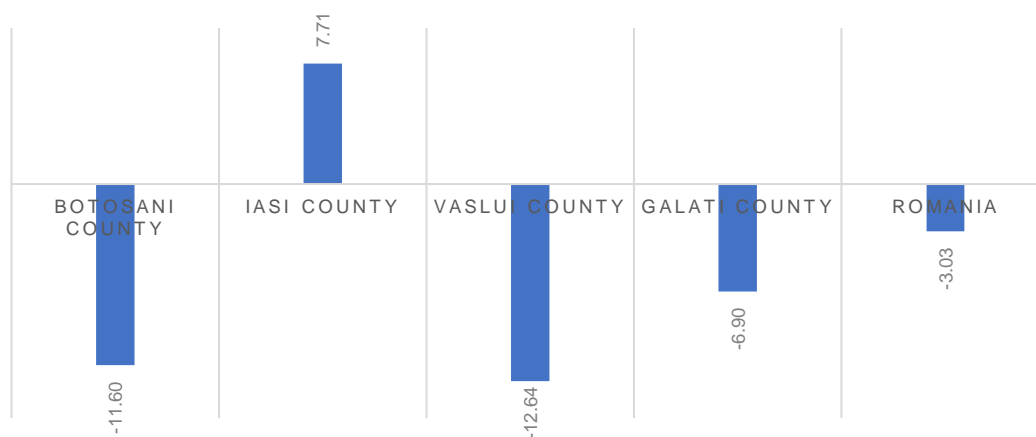
Figure 0.7: Dependency ratio evolution 2011-2019 (%)



Source: Consortium calculations based on data from NIS Romania

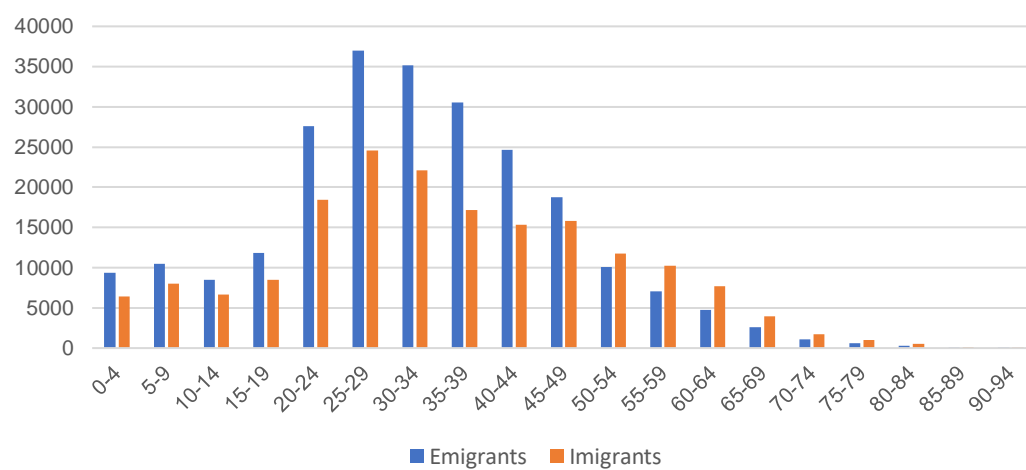


Figure 0.8: Net migration data for 2017



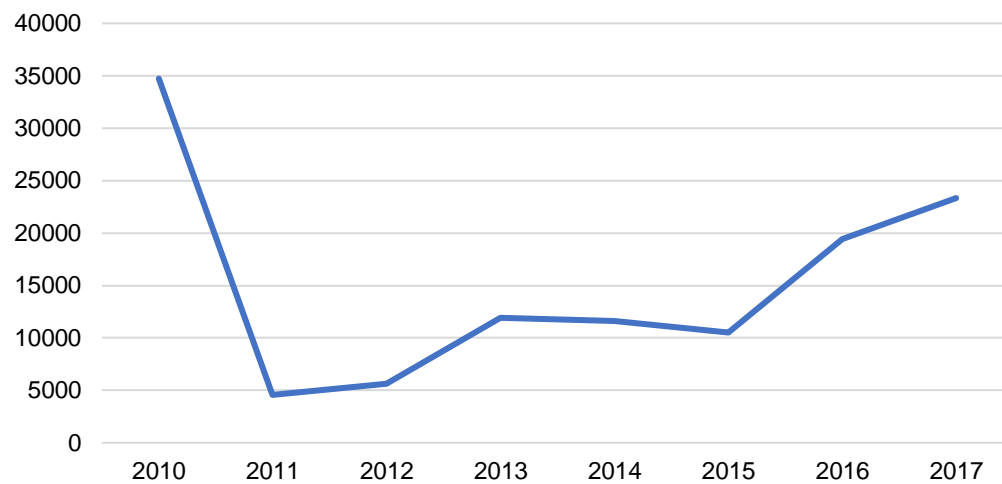
Source: Consortium calculations based on data from NIS Romania

Figure 0.9: Migration by age group in Romania in 2019



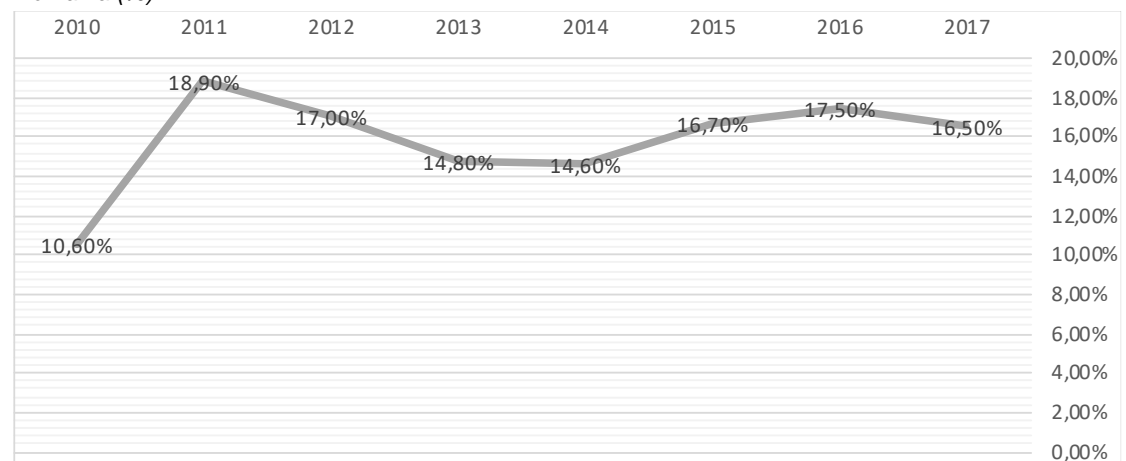
Source: NIS Romania

Figure 0.10: The number of vocational education graduates in Romania



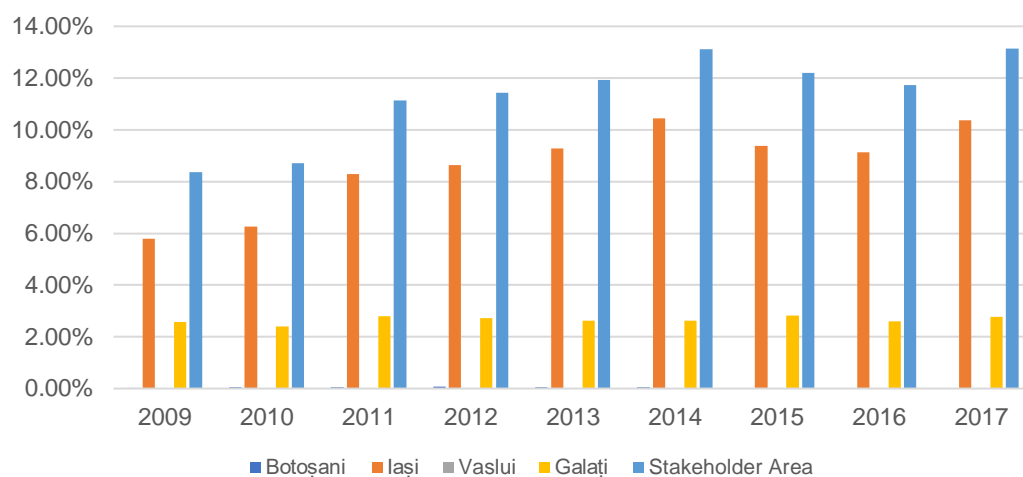
Source: Consortium calculations based on data from NIS Romania

Figure 0.11: Share of stakeholder territory vocational education graduates from the total of graduates in Romania (%)



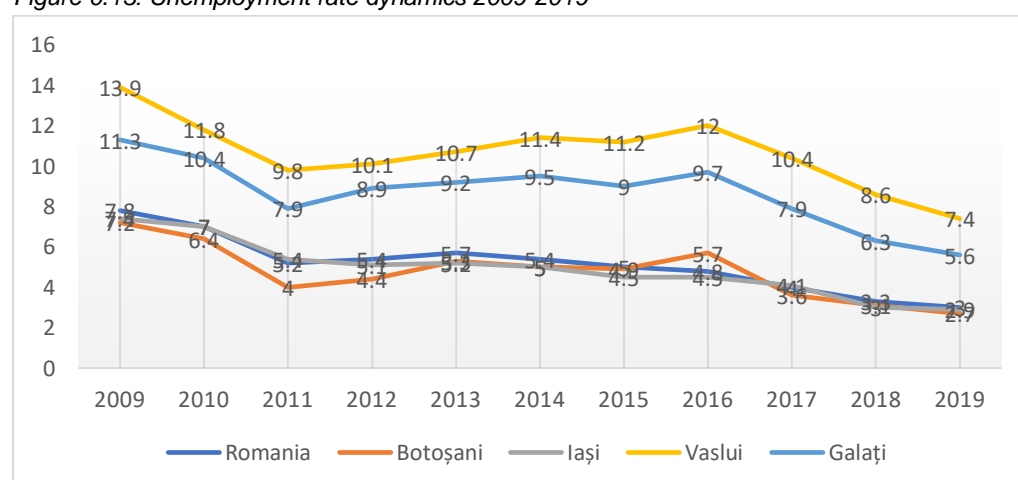
Source: Consortium calculations based on data from NIS Romania

Figure 0.12: Share of graduates of the stakeholder territory from the total of graduates in Romania



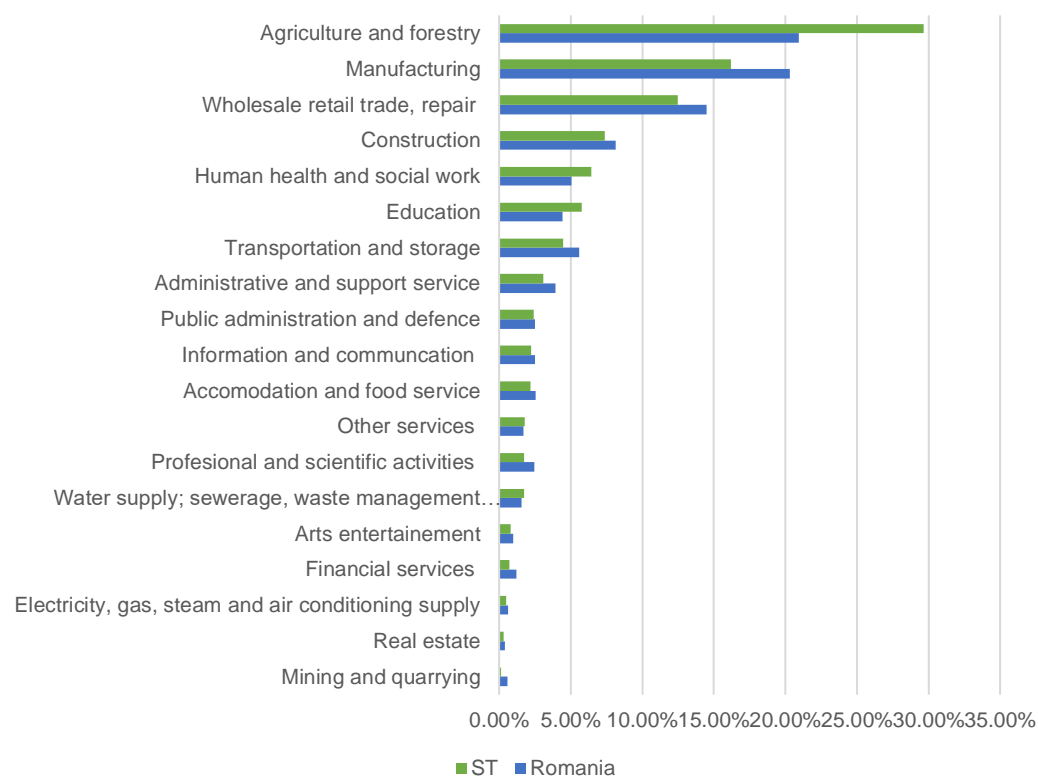
Source: Consortium calculations based on data from NIS Romania

Figure 0.13: Unemployment rate dynamics 2009-2019



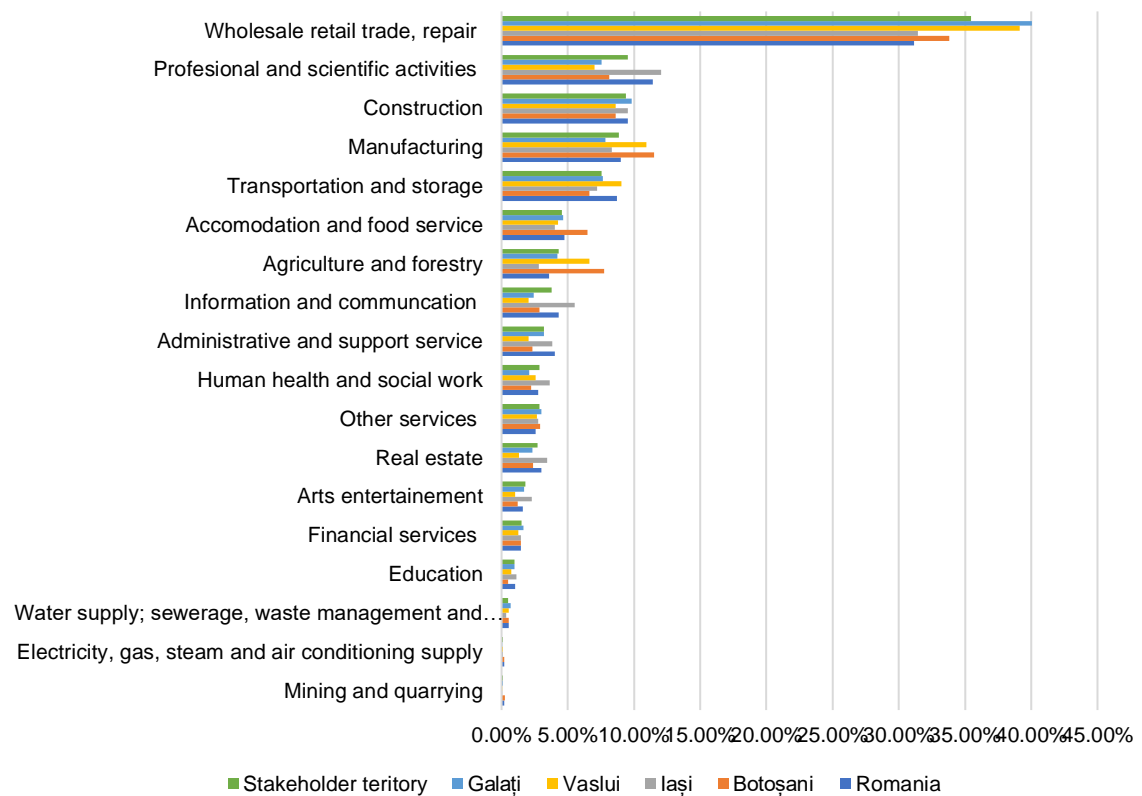
Source: Consortium calculations based on data from NIS Romania

Figure 0.14: Employment by NACE sectors



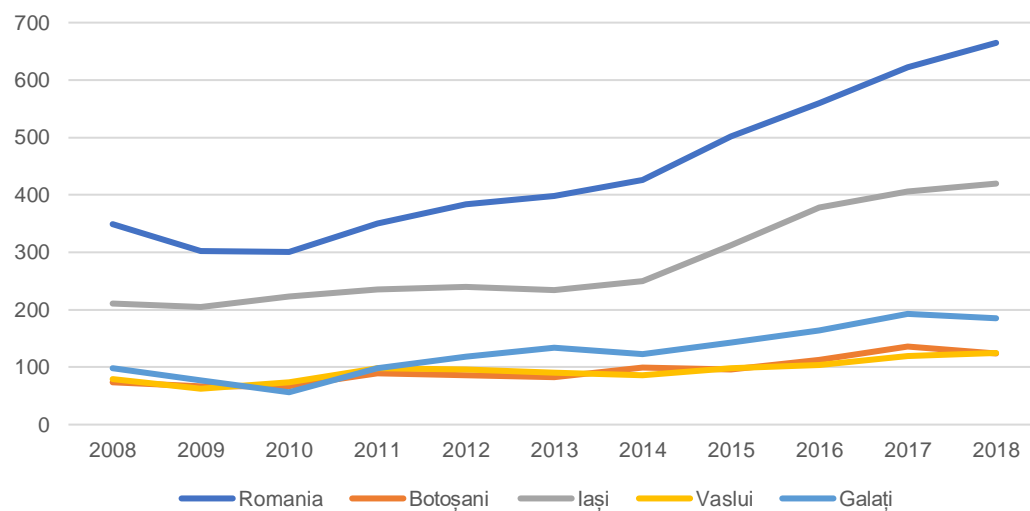
Source: Consortium calculations based on data from NIS Romania

Figure 0.15: Business units by NACE sectors



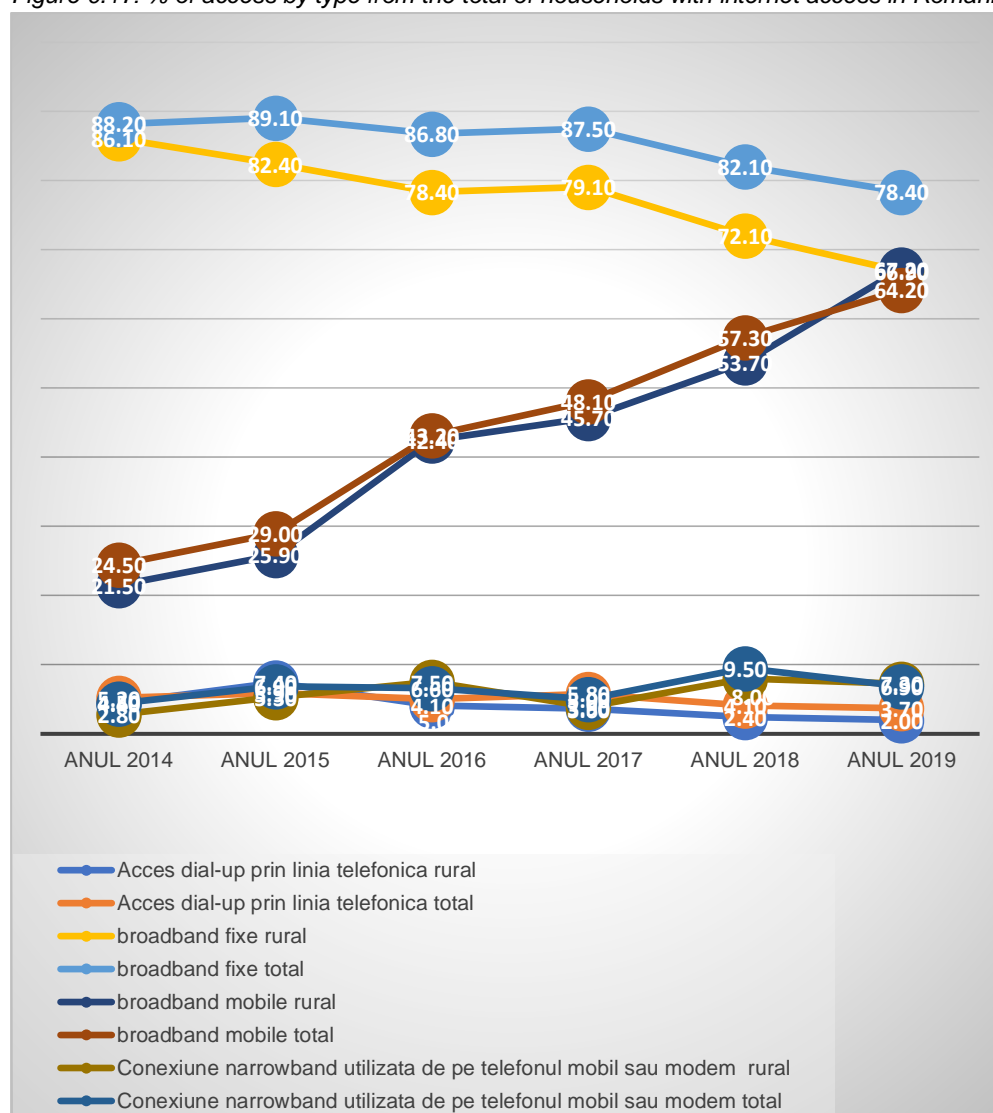
Source: Consortium calculations based on data from NIS Romania

Figure 0.16: Number of visitors per 1000 inhabitants



Source: Consortium based on data from NIS Romania

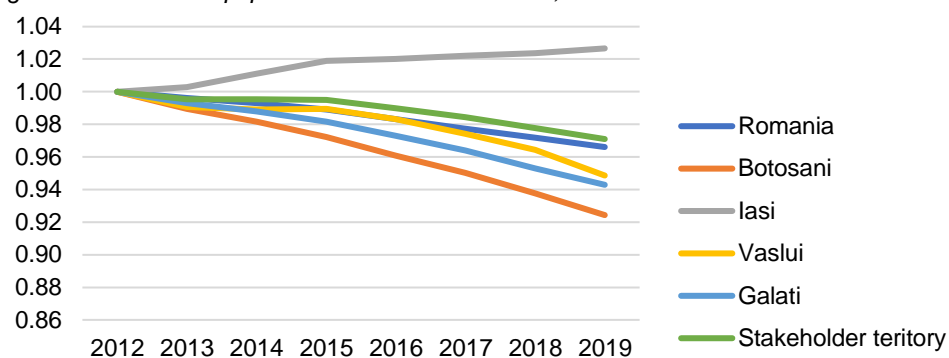
Figure 0.17: % of access by type from the total of households with internet access in Romania



Source:

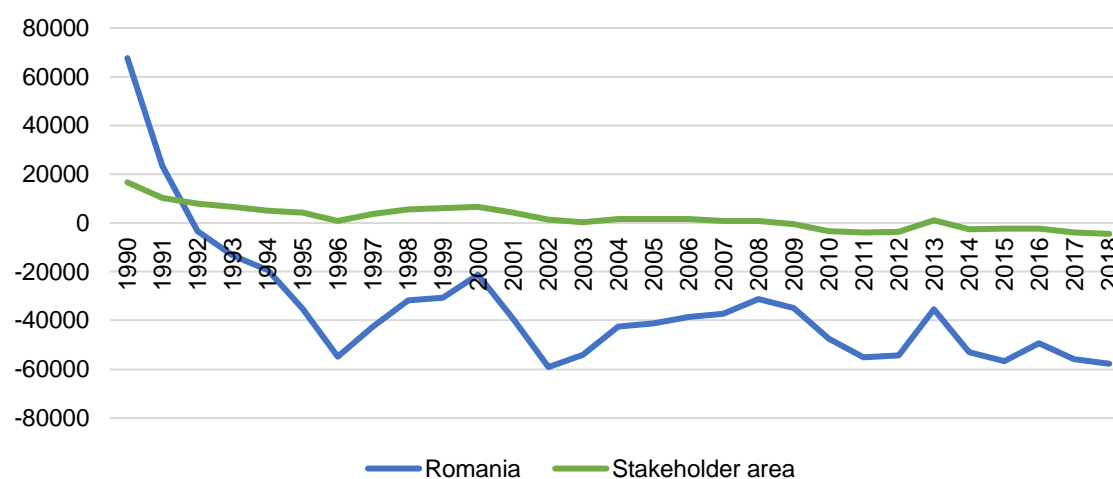
Consortium calculations based on data from NIS Romania

Figure 0.18: Resident population variation 2012-2019, Romania and the stakeholder territory



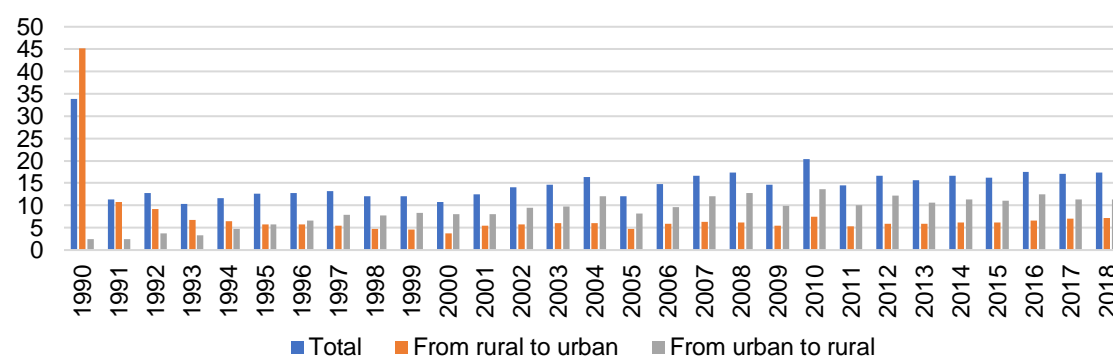
Source: Consortium calculations based on data from NIS Romania

Figure 0.19: The natural increase of the population of Romania and of the stakeholder territory



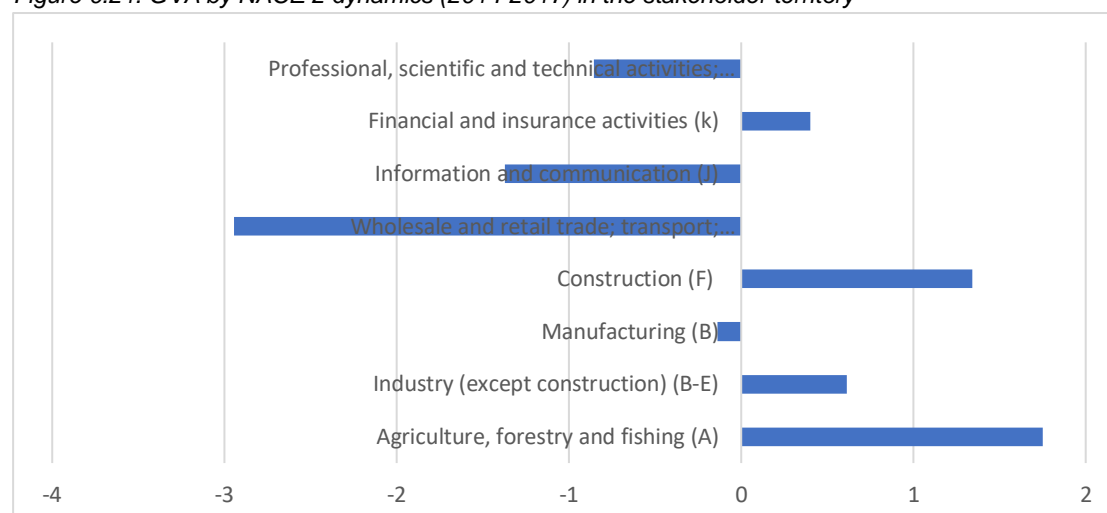
Source: Consortium calculations based on data from NIS Romania

Figure 0.20: Internal migration in Romania (1990-2018). Rate per 1000 inhabitants



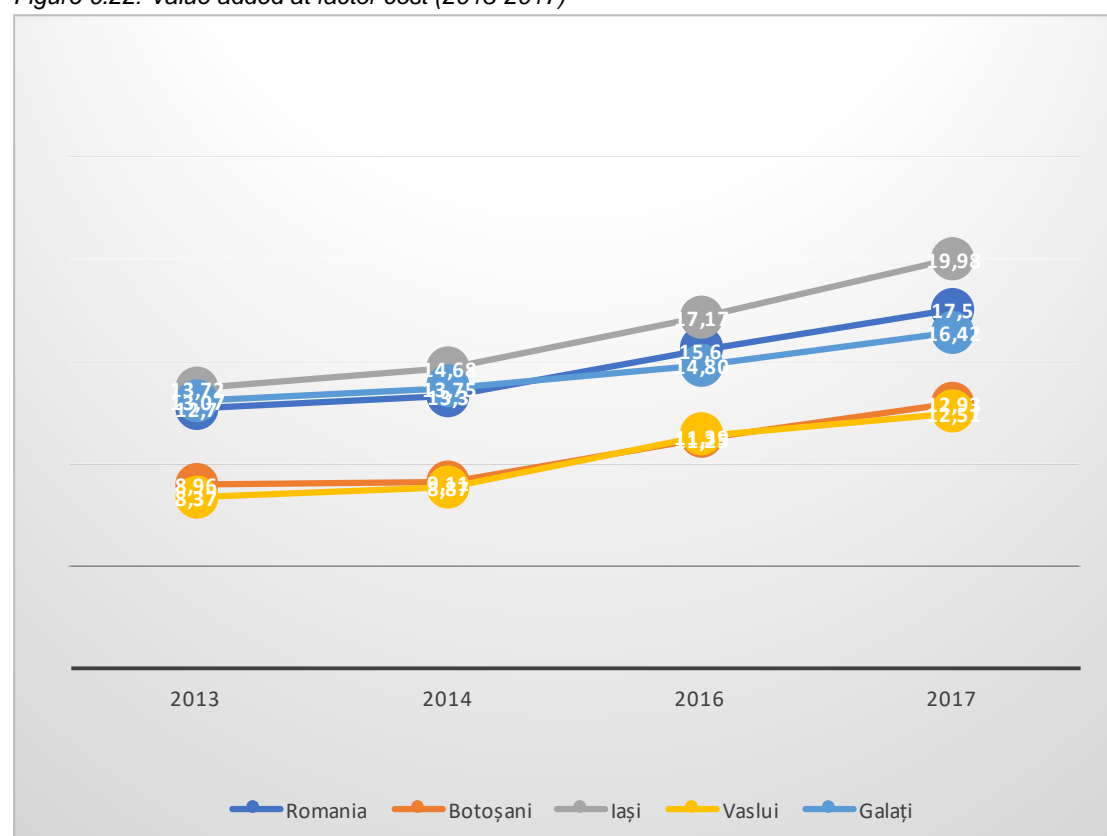
Source: Consortium calculations based on data from NIS Romania

Figure 0.21. GVA by NACE 2 dynamics (2014-2017) in the stakeholder territory



Source: NIS Romania

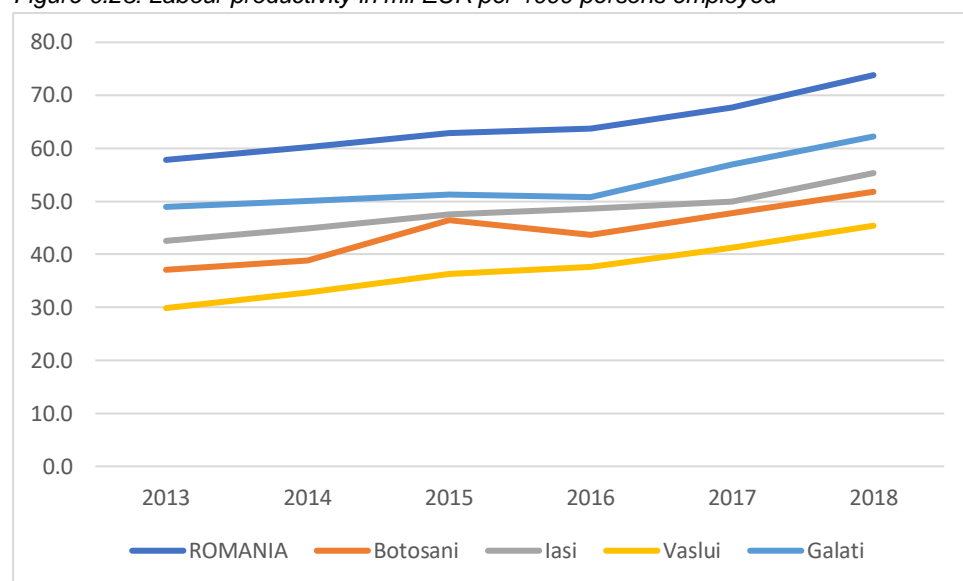
Figure 0.22: Value added at factor cost (2013-2017)



Source: Consortium based on data from NIS Romania

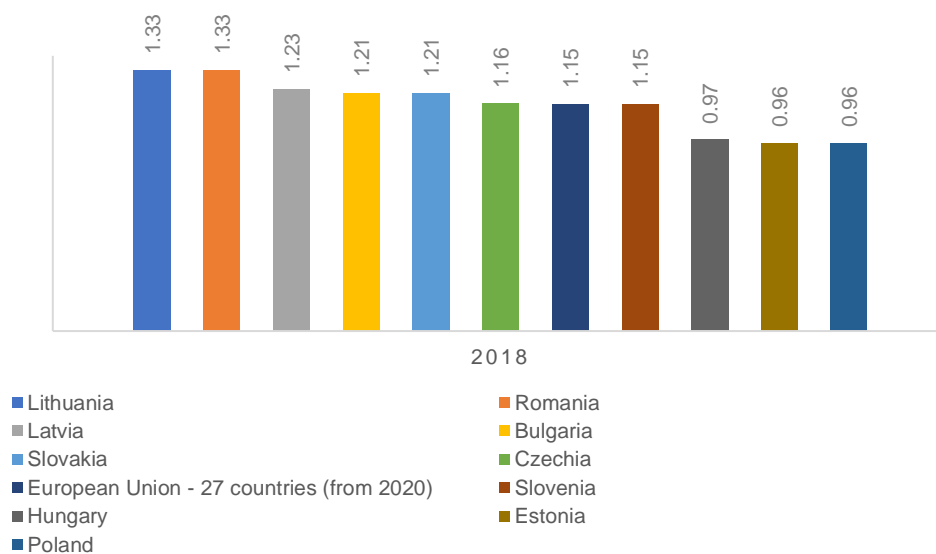


Figure 0.23: Labour productivity in mil EUR per 1000 persons employed



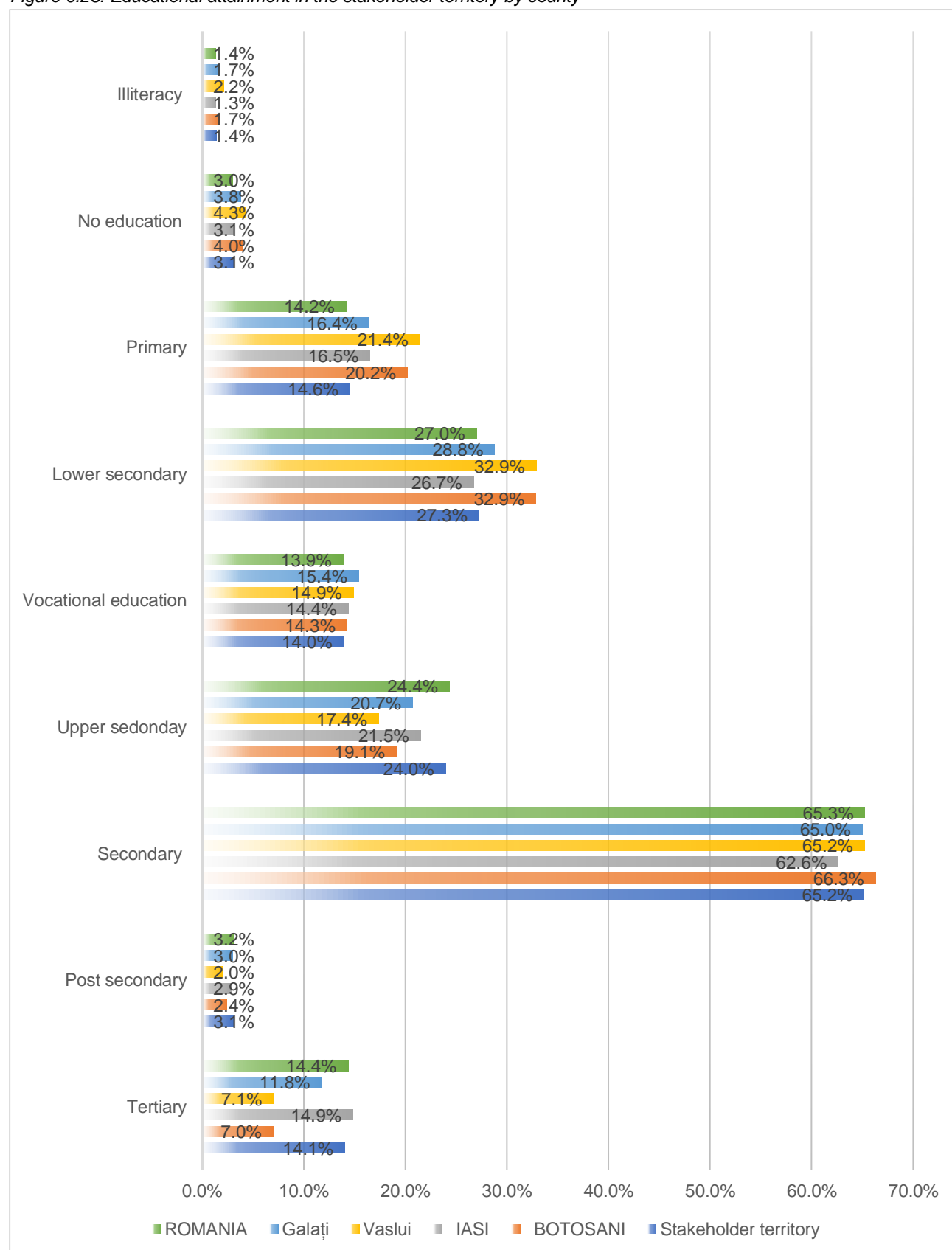
Source: Consortium calculations based on data from NIS Romania

Figure 0.24: Increase of labour productivity per person employed and hour worked (2018 against 2008)



Source: Consortium calculations based on data from Eurostat

Figure 0.25: Educational attainment in the stakeholder territory by county



Source: The 2011 Census