

## Eastern Europe Regional Statistical Annex. Labour market, education and contextual indicators

		AM			AZ			BY			GE			MD			RU			UA		
		2015	D10	D13	2015	D10	D13	2015	D10	D13	2015	D10	D13	2015	D10	D13	2015	D10	D13	2015	D10	D13
Activity rate (15+) [%]		62.5	2.1	-1.4	65.4	0.9	1.1	82.1	0.9	0.9	67.8	5.6	2.4	50.2	-1.9	0.6	69.1	2.1	0.9	62.4	-2.0	-4.0
Employment rate (20–64) [%]		56.7	-2.1	-6.0	73.1	-1.1	0.1	81.3	0.7	0.4	68.8	8.9	5.0	47.8	1.9	0.8	74.1	1.7	0.5	56.7	-3.1	-6.0
Employment rate of recent graduates [%]																	74.5					
Unemployment rate (15+) [%]		18.5	-2.6	14.2	5.0	-10.7	0.0	1.0	42.9	100.0	12.0	-26.4	-17.8	4.9	-1.8	-3.9	5.6	-24.2	1.6	9.1	12.3	26.4
Unemployment rate (15+) by education [%]	Low	15.0	10.3	2.0	9.4		0.1				7.0	-17.9	-34.3	6.5	-21.7	20.4	13.9	-16.8	0.3	12.1	61.4	84.1
	Medium	19.1	-2.1	17.2	4.6		0.9				11.2	-24.0	-13.8	4.4	-42.1	-15.4	6.1	-24.2	1.0	10.0	10.8	32.5
	High	17.9	-8.2	9.9	4.7		-8.3				14.4	-18.9	-22.6	4.8	-26.1	2.1	3.4	-13.5	10.0	8.2	13.1	20.6
	VET	21.5	5.9	29.6	5.2		-5.0				11.0		-10.8				5.1	-22.9	5.2	10.4		
Youth unemployment rate (15–24) [%]		32.5	-16.5	-10.0	13.4	-10.1	-2.2				30.8	-15.4	-13.7	12.8	-28.0	4.9	16.0	-5.3	15.9	22.4	28.7	28.7
Youth unemployment ratio (15–24) [%]		12.9	-3.0	-2.3	5.0	0.0	6.4				12.4	-10.0	-11.4	2.7	-30.7	8.0	6.1	-12.9	10.9	8.1	15.9	19.3
Incidence of self-employment [%]		42.8	-0.7	0.0	67.8	-0.4	2.0	3.1			57.2	-7.6	-6.2	34.6	18.1	10.9	7.2	5.9	-1.4	15.9	-15.9	-16.8
Skill gaps, %		6.4			0.5			17.9			9.9			31.2			25.4			7.5		
Participation in lifelong learning (25–64)[%]					6.5									1.0		-16.6						
Tertiary educational attainment (30–34) [%]		30.6	41.0	2.7	24.1						42.3	-6.0	4.3	34.3	12.5	1.5	65.4					
Underachievement in PISA [%]	Maths				45.3						57.1			50.3			18.9		-21.3			
	Reading				72.7						51.7			41.9			16.2		-27.4			
	Science				70.0						50.8			42.2			18.2		-3.2			
Early leavers from education (18–24) [%]											7.0	-27.2	18.9	21.2	-4.1	0.5	24.3					
Persons not in employment, education or training (NEETs) (15–24) [%]		35.6	-20.2	-4.3				12.1			27.8		-24.7	30.4	7.8	6.3	12.0		1.7	17.6		
Students in VET programmes in upper secondary [%]		26.2	73.5	14.9				42.6	10.4	1.9	9.0		-38.2	43.4	22.3	17.0	52.5		0.9	29.4	2.8	-5.2
Students in VET programmes in upper secondary [000]		25281	72.7	3.8				85086	-25.2	-3.6	12421		-41.8	30819	-13.2	-6.0	1483443		-4.2	193164	-20.1	-28.8
Students in combined work-and school-based training as % of total upper secondary students														0.2								
Educational attainment of adult population (25-64) [%]	Low	7.7	-37.7	-28.6	7.4	-33.6					4.0	-27.5	-16.2	17.5	25.9	4.8	4.0	-16.8	-3.5	7.0		-28.7
	Medium	68.9	-0.2	3.2	66.1	4.0					61.1	0.1	-1.1	57.2	8.8	-0.2	63.8	-4.9	-1.8	49.0		4.5
	High	23.4	25.7	4.2	26.5	4.8					34.9	4.3	4.4	25.3	8.1	-2.7	32.2	14.7	4.3	44.7		3.3
Public expenditure on education as % of GDP		2.2	-31.1	-15.5	3.0	7.1	20.0	4.9	-9.3	-5.8	2.0			6.9	-24.2	-1.4	3.9			6.3		
Public expenditure on education as % of total public expenditure		9.4	-24.4	-15.9	9.0	-10.0	20.0	17.2	2.4	-3.9	6.7			18.2	-18.8	-0.5	11.0			13.9		
Proportion of teachers who have followed CPD in the last 12 months, %														45.6						24.0	1.7	-3.2
Total population		2998577	-1.9	-0.9	9705643	7.9	3.7	9498400	0.0	0.4	3729500	-15.9	-16.8	3555159	-0.2	-0.1	146267288	2.4	2.0	42759700	-6.6	-5.8
Relative size of youth population (15-24), %		21.2	-20.6	-3.6	22.6	-21.3	-12.4	16.0	-23.1	-12.1	20.2	-12.6	-3.6	19.7	-21.5	-10.0	15.8	-21	-10.7	16.4	-16.3	-4.8

Source: National statistical offices; ILOSTAT (ILO database of labour statistics); OECD (World Indicators of Skills for Employment database); UNESCO Institute for Statistics; World Bank; Ministry of Education.

*Notes:*

D13: percentage change from 2013 -  $[\text{lay-2013}]/(2013)*100$

D10: percentage change from 2010 -  $[\text{lay-2010}]/(2010)*100$

lay: last available year

Low: general basic education and lower; Medium: general secondary, vocational, secondary specialised (or primary and secondary vocational); High: Tertiary.

*Activity rate*

AM: 15-75; AZ: data refer to the end of the year; BY: data refer to the annual average estimates of labour resources; BY: 16-59 (male) nad 16-54 (female); MD: 20-64; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: 15-72; UA: 15-70; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Employment rate*

AM: ETF calculations; AZ: Data refer to the end of the year; BY: data refer to the annual average estimates of labour resources; BY: 16-59 (male) nad 16-54 (female); GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: ETF calculations; RU lay: 2014; UA: 15-70; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Unemployment rate*

AM: 15-75; AZ: data refer to the end of the year; AZ: 15-62 ( male) and 15-59 (female); BY: Data based on the employment office records; BY: 16-59 (male) nad 16-54 (female); MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: 15-72; UA: 15-70; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Unemployment rate by education*

AM: 15-75; AM: ETF calculations; AZ: ETF calculations; GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: 15-72; RU: ETF calculations; UA: 15-70; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol; UA: ETF calculations.

*Youth unemployment rate*

GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: ETF calculations; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Youth unemployment ratio*

AM: ETF calculations; GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: ETF calculations; UA: ETF calculations; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Incidence of self-employment*

BY lay: 2009; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; UA: ETF calculations.

*Skill gaps*

lay: 2013

*Participation in lifelong learning*

AZ lay: 2014; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender.

*Tertiary educational attainment (30–34)*

AZ lay: 2009; GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender.

*Underachievement in PISA*

AZ lay: 2009

*Early leavers from education*

GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender.

*Persons not in employment, education or training (NEETs)*

AM, BY, RU, UA: participation in education in the week prior to the survey considered; BY lay: 2009; GE: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Students in VET programme in upper secondary*

RU lay: 2014; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender.

*Students in combined work-and school-based training*

MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender.

*Educational attainment of adult population*

AM: 15-75; AM: ETF calculations; AZ lay: 2013; AZ: data refer to the end of the year; AZ: ETF calculations; AZ: 25-63 (males) and 25-59 (female); GE: ETF calculations; MD: active population considered;

MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: 15-72; RU: ETF calculations; RU: active population considered; UA: 15-70; UA: ETF calculations; UA lay: 2014;

UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Public expenditure on education*

AM lay:2014; GE lay: 2012; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU lay: 2012 (% of GDP) and 2014 (% of public expenditure);

UA lay: 2014 (% of GDP) and 2013 (% of public expenditure); change calculated with the use of two different data sources.

*Proportion of teachers who have followed CPD in the last 12 months*

MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; MD: data refer to the share of VET teachers.

*Total population*

AM lay: 2016; AZ lay: 2016, BY lay: 2016; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; UA: Data without the population of Autonomous Republic of Crimea and Sevastopol.

*Relative size of youth population*

AM: ETF calculations; AZ lay: 2016; BY lay: 2016; BY: ETF calculations; MD: Information presented without the data on districts from the left side of the river Nistru and municipality Bender; RU: ETF calculations; UA lay: 2014.