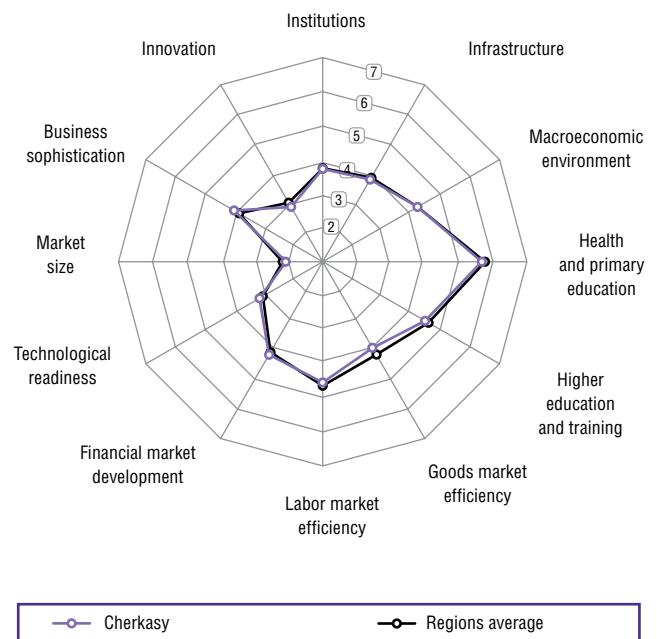


## Key indicators

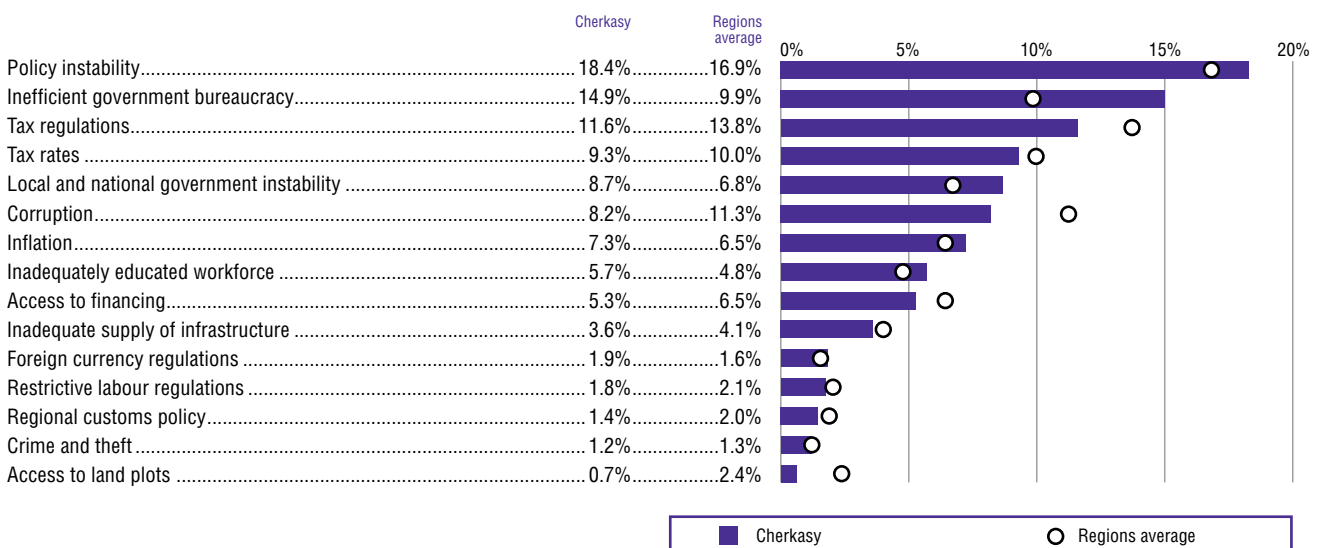
Population (m), 2012.....	1.27
Gross Regional Product (UAH m), 2011.....	27,012
GRP per capita (UAH), 2011.....	21,082
Share in Ukraine's GDP (%), 2011.....	2.1

## Competitiveness Index 2013

	Rank (out of 27)	Score
<b>Competitiveness Index 2013</b> .....	<b>18</b>	<b>3.96</b>
<b>Basic requirements</b> .....	<b>20</b>	<b>4.37</b>
Institutions.....	18	3.77
Infrastructure.....	13	3.77
Macroeconomic environment.....	1	4.20
Health and primary education.....	13	5.74
<b>Efficiency enhancers</b> .....	<b>13</b>	<b>3.75</b>
Higher education and training.....	13	4.52
Goods market efficiency.....	25	4.01
Labor market efficiency.....	11	4.64
Financial market development.....	12	4.15
Technological readiness.....	8	3.14
Market size.....	15	2.02
<b>Innovation and sophistication factors</b> .....	<b>21</b>	<b>3.41</b>
Business sophistication.....	8	3.99
Innovation.....	25	2.82



## The most problematic factors for doing business, number of answers in %



Source: Foundation for Effective Governance, Executive Opinion Survey 2012

Note: From a list of 15 factors, respondents were asked to select the five most problematic factors for doing business in their country and to rank them between 1 (most problematic) and 5. The figure shows the responses weighted according to their ratings 2012–2013.

# Cherkasy

## Ukraine National Competitiveness Index 2013

INDICATOR	RANK/27	SCORE	COMPARING TO AVERAGE	REGIONS AVERAGE	BEST PERFORMING REGION
<b>Competitiveness Index 2013</b>	<b>18</b>	<b>3.96</b>	-	<b>4.01</b>	<b>4.40 Kyiv</b>
<b>Subindex A: Basic requirements</b>	<b>20</b>	<b>4.37</b>	-	<b>4.42</b>	<b>4.63 Kyiv</b>
<b>Subindex B: Efficiency enhancers</b>	<b>13</b>	<b>3.75</b>	-	<b>3.79</b>	<b>4.36 Kyiv</b>
<b>Subindex C: Innovation and sophistication factors</b>	<b>21</b>	<b>3.41</b>	-	<b>3.50</b>	<b>3.91 Kharkiv</b>
<b>A.01 1st pillar: Institutions</b>	<b>18</b>	<b>3.77</b>	-	<b>3.83</b>	<b>4.00 Khmelnytsky</b>
1.01 Property rights	18	4.43	-	4.49	4.75 Zakarpattia
1.02 Intellectual property protection <sup>1/2</sup>	19	3.19	-	3.24	3.44 Vinnytsya
1.03 Diversion of public funds	19	3.55	-	3.65	4.20 Poltava
1.04 Public trust in politicians	26	2.25	-	2.54	2.91 Kirovohrad
1.05 Irregular payments and bribes	16	4.01	-	4.02	4.46 Chernihiv
1.06 Judicial independence	20	2.79	-	2.92	3.28 Chernihiv
1.07 Favoritism in decisions of government officials	20	2.89	-	3.05	3.59 Volyn
1.08 Wastefulness of government spending	19	3.81	-	3.95	4.46 Volyn
1.09 Burden of government regulation	12	3.35	+	3.27	3.94 Chernivtsi
1.10 Efficiency of legal framework in settling disputes	17	3.02	-	3.07	3.37 Volyn
1.11 Efficiency of legal framework in challenging regulations	13	3.11	+	3.10	3.47 Chernivtsi
1.12 Transparency of government policymaking	20	4.76	-	4.83	5.13 Khmelnytsky
1.13 Business costs of terrorism	8	6.43	+	6.36	6.62 Kirovohrad
1.14 Business costs of crime and violence	18	4.65	-	4.75	5.18 Ternopil
1.15 Organized crime	17	4.99	-	5.01	5.59 Ternopil
1.16 Reliability of police services	14	4.08	-	4.11	4.50 Ternopil
1.17 Ethical behavior of firms	4	3.76	+	3.58	3.84 Donetsk
1.18 Strength of auditing and reporting standards	1	3.72	=	3.72	3.72 Multiple (27)
1.19 Efficacy of corporate boards	14	5.08	-	5.11	5.44 Donetsk
1.20 Protection of minority shareholders' interests	27	2.94	-	3.43	3.78 Khmelnytsky
1.21 Strength of investor protection, 0–10 (best) *	1	4.70	=	4.70	4.70 Multiple (27)
<b>A.02 2nd pillar: Infrastructure</b>	<b>13</b>	<b>3.77</b>	-	<b>3.90</b>	<b>5.12 Kyiv</b>
2.01 Quality of overall infrastructure	18	4.30	-	4.41	4.91 Kharkiv
2.02 Quality of roads	20	3.00	-	3.39	4.68 Sevastopol
2.03 Quality of railroad infrastructure	26	4.15	-	4.86	5.51 Kharkiv
2.04 Quality of port infrastructure	13	2.40	-	2.80	5.06 Odesa
2.05 Quality of air transport infrastructure	23	1.63	-	3.06	5.73 Kyiv
2.06 Available airline seat kilometers, kms/week, millions *	10	1.00	-	1.03	1.37 Kyiv
2.07 Quality of electricity supply	3	5.17	+	4.74	5.22 Rivne
2.08 Mobile telephone subscriptions/100 pop. * <sup>1/2</sup>	12	127.44	+	126.70	243.17 Kyiv
2.09 Fixed telephone lines/100 pop. * <sup>1/2</sup>	9	23.02	-	24.21	67.97 Odesa
<b>A.03 3rd pillar: Macroeconomic environment</b>	<b>1</b>	<b>4.20</b>	=	<b>4.20</b>	<b>4.20 Multiple (27)</b>
<b>A.04 4th pillar: Health and primary education</b>	<b>13</b>	<b>5.74</b>	-	<b>5.75</b>	<b>5.97 KyivOblast</b>
4.01 Business impact of malaria	n/a	n/a	=	n/a	n/a Multiple (27)
4.02 Malaria incidence/100,000 pop. *	n/e	n/e	=	n/e	n/e Multiple (27)
4.03 Business impact of tuberculosis	24	4.22	-	4.46	4.95 Sevastopol
4.04 Tuberculosis incidence/100,000 pop. *	14	63.00	+	66.91	41.00 Kyiv
4.05 Business impact of HIV/AIDS	15	5.37	-	5.39	5.75 Sumy
4.06 HIV prevalence, % adult pop. *	17	0.37	+	0.43	0.04 Zakarpattia
4.07 Infant mortality, deaths/1,000 live births *	25	9.60	-	8.13	5.20 Sevastopol
4.08 Life expectancy, years *	10	71.25	+	71.13	74.15 Kyiv
4.09 Quality of primary education	7	4.04	+	3.96	4.37 Chernivtsi
4.10 Primary education enrollment rate, net % *	13	93.40	-	94.00	100.00 Multiple (2)
<b>B.05 5th pillar: Higher education and training</b>	<b>13</b>	<b>4.52</b>	-	<b>4.55</b>	<b>5.28 Kharkiv</b>
5.01 Secondary education enrollment rate, gross % *	23	93.00	-	96.07	100.00 Multiple (6)
5.02 Tertiary education enrollment rate, gross % *	11	62.22	-	65.50	>100.00 Multiple (2)
5.03 Quality of the educational system	12	4.08	+	4.06	4.55 Kharkiv
5.04 Quality of math and science education	14	4.24	-	4.29	4.76 Chernivtsi
5.05 Quality of management schools	16	3.19	-	3.22	3.77 Kyiv
5.06 Internet access in schools	2	5.06	+	4.76	5.22 Sevastopol
5.07 Local availability of specialized research and training services	18	4.50	-	4.62	5.51 Kharkiv
5.08 Extent of staff training	24	2.92	-	3.08	3.44 Donetsk
<b>B.06 6th pillar: Goods market efficiency</b>	<b>25</b>	<b>4.01</b>	-	<b>4.12</b>	<b>4.26 Odesa</b>
6.01 Intensity of local competition	9	4.69	+	4.55	4.90 Kyiv
6.02 Extent of market dominance	22	3.84	-	3.99	4.69 Ivano-Frankivsk
6.03 Effectiveness of anti-monopoly policy	24	3.15	-	3.40	4.01 Sumy
6.04 Effect of taxation on incentives to invest	8	3.40	+	3.32	3.78 Chernihiv
6.05 Total tax rate, % profits * <sup>1/2</sup>	1	55.40	=	55.40	55.40 Multiple (27)
6.06 Number of procedures required to start a business (days) *	1	7	=	7	7 Multiple (27)
6.07 Time required to start a business *	1	22	=	22	22 Multiple (27)
6.08 Agricultural policy costs	26	3.11	-	3.43	3.78 Vinnytsya
6.09 Prevalence of trade barriers	16	4.12	-	4.22	4.95 Kherson
6.10 Trade tariffs, % duty *	1	2.87	=	2.87	2.87 Multiple (27)

## Ukraine National Competitiveness Index 2013

INDICATOR	RANK/27	SCORE	COMPARING TO AVERAGE	REGIONS AVERAGE	BEST PERFORMING REGION
6.11 Prevalence of foreign ownership.....	22	2.63	-	2.96	3.98 Kyiv
6.12 Business impact of rules on FDI.....	27	3.66	-	4.10	4.80 Sumy
6.13 Burden of customs procedures.....	9	4.03	+	3.88	4.43 Chernivtsi
6.14 Imports as a percentage of GDP*.....	20	16.33	-	30.38	92.36 Kyiv
6.15 Degree of customer orientation.....	12	4.93	-	4.93	5.42 Chernivtsi
6.16 Buyer sophistication.....	23	3.60	-	3.70	3.99 Odesa
<b>B.07 7th pillar: Labor market efficiency.....</b>	<b>11</b>	<b>4.64</b>	<b>+</b>	<b>4.63</b>	<b>4.80 Khmelnytsky</b>
7.01 Cooperation in labor-employer relations.....	21	4.76	-	4.87	5.08 Kharkiv
7.02 Flexibility of wage determination.....	18	5.10	-	5.17	5.52 Kyiv
7.03 Hiring and firing practices.....	3	4.64	+	4.45	4.68 Ivano-Frankivsk
7.04 Redundancy costs, weeks of salary*.....	1	13	=	13	13 Multiple (27)
7.05 Effect of taxation on incentives to work.....	5	3.31	+	3.11	3.51 Chernihiv
7.06 Pay and productivity.....	18	5.02	-	5.07	5.41 Khmelnytsky
7.07 Reliance on professional management <sup>1/2</sup> .....	19	4.16	-	4.19	4.50 Rivne
7.08 Country capacity to retain talent.....	22	2.51	-	2.72	3.14 Kyiv
7.09 Country capacity to attract talent.....	18	2.36	-	2.67	4.21 Kyiv
7.10 Female participation in labor force, ratio to men.....	9	0.89	+	0.86	0.95 Rivne
<b>B.08 8th pillar: Financial market development.....</b>	<b>12</b>	<b>4.15</b>	<b>+</b>	<b>4.12</b>	<b>4.26 Sumy</b>
8.01 Availability of financial services.....	14	4.99	+	4.98	5.26 Kharkiv
8.02 Affordability of financial services.....	7	4.47	+	4.38	4.68 Sumy
8.03 Financing through local equity market.....	9	2.86	+	2.78	3.12 Dnipropetrovsk
8.04 Ease of access to loans.....	21	2.72	-	2.80	3.09 Lviv
8.05 Venture capital availability.....	19	2.18	-	2.22	2.39 Zaporizhzhya
8.06 Soundness of banks.....	8	4.93	+	4.82	5.18 Khmelnytsky
8.07 Regulation of securities exchanges.....	13	3.23	+	3.22	3.82 Sumy
8.08 Legal rights index, 0–10 (best)*.....	1	9.00	=	9.00	9.00 Multiple (27)
<b>B.09 9th pillar: Technological readiness.....</b>	<b>8</b>	<b>3.14</b>	<b>+</b>	<b>3.11</b>	<b>4.38 Kyiv</b>
9.01 Availability of latest technologies.....	9	3.70	+	3.58	4.21 Donetsk
9.02 Firm-level technology absorption.....	13	4.30	+	4.29	4.72 Donetsk
9.03 FDI and technology transfer.....	9	3.97	+	3.84	4.77 Zakarpattia
9.04 Internet users, %*.....	8	34.45	+	32.13	82.31 Kyiv
9.05 Fixed broadband Internet subscriptions/100 pop.*.....	21	4.29	-	6.83	35.22 Kyiv
9.06 Internet bandwidth, kb/s per user*.....	1	14.33	=	14.33	14.33 Multiple (27)
9.07 Mobile broadband subscriptions/100 pop.*.....	1	5.50	=	5.50	5.50 Multiple (27)
2.08 Mobile telephone subscriptions/100 pop.* <sup>1/2</sup> .....	12	127.44	+	126.70	243.17 Kyiv
2.09 Fixed telephone lines/100 pop.* <sup>1/2</sup> .....	9	23.02	-	24.21	67.97 Odesa
<b>B.10 10th pillar: Market size.....</b>	<b>15</b>	<b>2.02</b>	<b>-</b>	<b>2.21</b>	<b>3.71 Kyiv</b>
10.01 Domestic market size index, 1–7 (best)*.....	15	1.78	-	1.99	3.51 Kyiv
10.02 Foreign market size index, 1–7 (best)*.....	15	2.72	-	2.86	4.30 Kyiv
<b>C.11 11th pillar: Business sophistication.....</b>	<b>8</b>	<b>3.99</b>	<b>+</b>	<b>3.96</b>	<b>4.25 Donetsk</b>
11.01 Local supplier quantity.....	10	4.78	+	4.71	5.20 Donetsk
11.02 Local supplier quality.....	2	4.39	+	4.19	4.39 Donetsk
11.03 State of cluster development.....	13	3.84	-	3.93	5.28 Donetsk
11.04 Nature of competitive advantage.....	9	3.60	+	3.51	3.99 Sumy
11.05 Value chain breadth.....	21	3.26	-	3.43	4.17 Kharkiv
11.06 Control of international distribution.....	4	4.89	+	4.63	5.14 Sumy
11.07 Production process sophistication.....	9	3.57	+	3.43	3.80 Rivne
11.08 Extent of marketing.....	22	3.90	-	4.08	4.66 Donetsk
11.09 Willingness to delegate authority.....	15	3.61	-	3.61	3.98 Sumy
7.07 Reliance on professional management <sup>1/2</sup> .....	19	4.16	-	4.19	4.50 Rivne
<b>C.12 12th pillar: Innovation.....</b>	<b>25</b>	<b>2.82</b>	<b>-</b>	<b>3.04</b>	<b>3.60 Kharkiv</b>
12.01 Capacity for innovation.....	18	3.98	-	4.03	4.25 Volyn
12.02 Quality of scientific research institutions.....	20	3.11	-	3.63	4.83 Kharkiv
12.03 Company spending on R&D.....	20	2.68	-	2.85	3.33 Sumy
12.04 University-industry collaboration in R&D.....	25	2.58	-	3.01	3.95 Kharkiv
12.05 Government procurement of advanced technology products.....	15	2.99	-	3.07	3.53 Volyn
12.06 Availability of scientists and engineers.....	20	3.20	-	3.56	4.62 Kharkiv
12.07 PCT patent applications/million pop.*.....	25	0.10	-	2.12	13.90 Kyiv
1.02 Intellectual property protection <sup>1/2</sup> .....	19	3.19	-	3.24	3.44 Vinnytsya

Notes: n/e – data are not available for a region, n/a – data are not applicable for a region, 'Multiple' means that more than one region get the maximum score, \* statistical data, + better than Ukraine's average, - worse than Ukraine's average, = the same for all regions, <sup>1/2</sup> is used in two different pillars