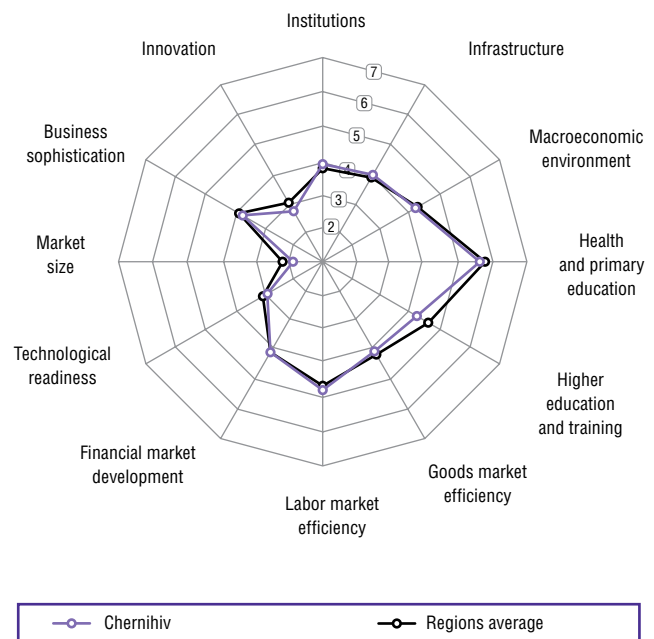


## Key indicators

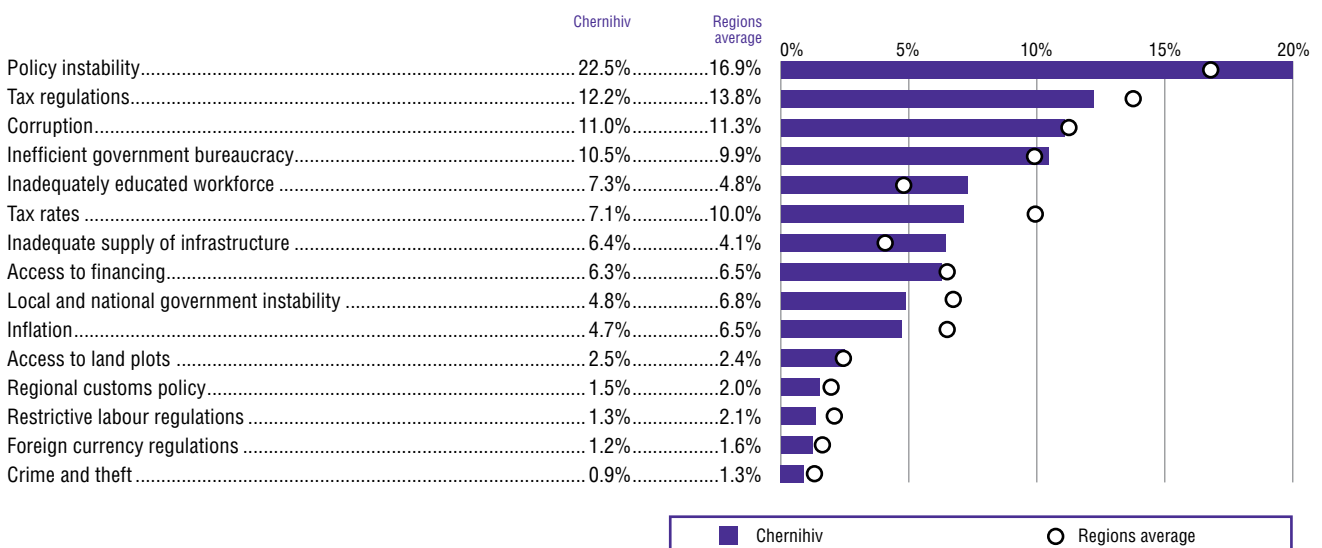
Population (m), 2012.....	1.08
Gross Regional Product (UAH m), 2011.....	21,165
GRP per capita (UAH), 2011.....	19,357
Share in Ukraine's GDP (%), 2011.....	1.6

## Competitiveness Index 2013

	Rank (out of 27)	Score
<b>Competitiveness Index 2013</b> .....	<b>23</b>	<b>3.93</b>
<b>Basic requirements</b> .....	<b>11</b>	<b>4.43</b>
Institutions.....	10	3.92
Infrastructure.....	11	3.94
Macroeconomic environment.....	1	4.20
Health and primary education.....	22	5.63
<b>Efficiency enhancers</b> .....	<b>23</b>	<b>3.66</b>
Higher education and training.....	25	4.18
Goods market efficiency.....	24	4.03
Labor market efficiency.....	2	4.76
Financial market development.....	10	4.16
Technological readiness.....	23	2.93
Market size.....	21	1.89
<b>Innovation and sophistication factors</b> .....	<b>26</b>	<b>3.26</b>
Business sophistication.....	24	3.81
Innovation.....	26	2.72



## 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.

# Chernihiv

## Ukraine National Competitiveness Index 2013

INDICATOR	RANK/27	SCORE	COMPARING TO AVERAGE	REGIONS AVERAGE	BEST PERFORMING REGION
<b>Competitiveness Index 2013</b>	<b>23</b>	<b>3.93</b>	-	<b>4.01</b>	<b>4.40 Kyiv</b>
<b>Subindex A: Basic requirements</b>	<b>11</b>	<b>4.43</b>	+	<b>4.42</b>	<b>4.63 Kyiv</b>
<b>Subindex B: Efficiency enhancers</b>	<b>23</b>	<b>3.66</b>	-	<b>3.79</b>	<b>4.36 Kyiv</b>
<b>Subindex C: Innovation and sophistication factors</b>	<b>26</b>	<b>3.26</b>	-	<b>3.50</b>	<b>3.91 Kharkiv</b>
<b>A.01 1st pillar: Institutions</b>	<b>10</b>	<b>3.92</b>	+	<b>3.83</b>	<b>4.00 Khmelnytsky</b>
1.01 Property rights	7	4.58	+	4.49	4.75 Zakarpattia
1.02 Intellectual property protection <sup>1/2</sup>	26	3.01	-	3.24	3.44 Vinnytsya
1.03 Diversion of public funds	2	4.10	+	3.65	4.20 Poltava
1.04 Public trust in politicians	15	2.51	-	2.54	2.91 Kirovohrad
1.05 Irregular payments and bribes	1	4.46	+	4.02	4.46 Chernihiv
1.06 Judicial independence	1	3.28	+	2.92	3.28 Chernihiv
1.07 Favoritism in decisions of government officials	2	3.43	+	3.05	3.59 Volyn
1.08 Wastefulness of government spending	23	3.76	-	3.95	4.46 Volyn
1.09 Burden of government regulation	14	3.23	-	3.27	3.94 Chernivtsi
1.10 Efficiency of legal framework in settling disputes	10	3.13	+	3.07	3.37 Volyn
1.11 Efficiency of legal framework in challenging regulations	11	3.13	+	3.10	3.47 Chernivtsi
1.12 Transparency of government policymaking	17	4.81	-	4.83	5.13 Khmelnytsky
1.13 Business costs of terrorism	4	6.56	+	6.36	6.62 Kirovohrad
1.14 Business costs of crime and violence	11	4.79	+	4.75	5.18 Ternopil
1.15 Organized crime	10	5.19	+	5.01	5.59 Ternopil
1.16 Reliability of police services	11	4.15	+	4.11	4.50 Ternopil
1.17 Ethical behavior of firms	21	3.48	-	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	25	4.89	-	5.11	5.44 Donetsk
1.20 Protection of minority shareholders' interests	3	3.75	+	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>11</b>	<b>3.94</b>	+	<b>3.90</b>	<b>5.12 Kyiv</b>
2.01 Quality of overall infrastructure	27	3.99	-	4.41	4.91 Kharkiv
2.02 Quality of roads	19	3.08	-	3.39	4.68 Sevastopol
2.03 Quality of railroad infrastructure	14	4.89	+	4.86	5.51 Kharkiv
2.04 Quality of port infrastructure	17	2.07	-	2.80	5.06 Odesa
2.05 Quality of air transport infrastructure	25	1.50	-	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	6	5.07	+	4.74	5.22 Rivne
2.08 Mobile telephone subscriptions/100 pop. * <sup>1/2</sup>	2	151.47	+	126.70	243.17 Kyiv
2.09 Fixed telephone lines/100 pop. * <sup>1/2</sup>	7	25.90	+	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>22</b>	<b>5.63</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	10	4.48	+	4.46	4.95 Sevastopol
4.04 Tuberculosis incidence/100,000 pop. *	13	62.80	+	66.91	41.00 Kyiv
4.05 Business impact of HIV/AIDS	20	5.27	-	5.39	5.75 Sumy
4.06 HIV prevalence, % adult pop. *	19	0.47	-	0.43	0.04 Zakarpattia
4.07 Infant mortality, deaths/1,000 live births *	22	9.10	-	8.13	5.20 Sevastopol
4.08 Life expectancy, years *	18	70.57	-	71.13	74.15 Kyiv
4.09 Quality of primary education	26	3.67	-	3.96	4.37 Chernivtsi
4.10 Primary education enrollment rate, net % *	15	93.20	-	94.00	100.00 Multiple (2)
<b>B.05 5th pillar: Higher education and training</b>	<b>25</b>	<b>4.18</b>	-	<b>4.55</b>	<b>5.28 Kharkiv</b>
5.01 Secondary education enrollment rate, gross % *	13	95.30	-	96.07	100.00 Multiple (6)
5.02 Tertiary education enrollment rate, gross % *	20	45.48	-	65.50	>100.00 Multiple (2)
5.03 Quality of the educational system	26	3.74	-	4.06	4.55 Kharkiv
5.04 Quality of math and science education	26	4.05	-	4.29	4.76 Chernivtsi
5.05 Quality of management schools	26	2.80	-	3.22	3.77 Kyiv
5.06 Internet access in schools	18	4.69	-	4.76	5.22 Sevastopol
5.07 Local availability of specialized research and training services	27	4.00	-	4.62	5.51 Kharkiv
5.08 Extent of staff training	17	3.03	-	3.08	3.44 Donetsk
<b>B.06 6th pillar: Goods market efficiency</b>	<b>24</b>	<b>4.03</b>	-	<b>4.12</b>	<b>4.26 Odesa</b>
6.01 Intensity of local competition	27	4.10	-	4.55	4.90 Kyiv
6.02 Extent of market dominance	9	4.15	+	3.99	4.69 Ivano-Frankivsk
6.03 Effectiveness of anti-monopoly policy	26	3.15	-	3.40	4.01 Sumy
6.04 Effect of taxation on incentives to invest	1	3.78	+	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	24	3.19	-	3.43	3.78 Vinnytsya
6.09 Prevalence of trade barriers	5	4.47	+	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.....	26	2.36	-	2.96	3.98	Kyiv
6.12	Business impact of rules on FDI.....	18	4.04	-	4.10	4.80	Sumy
6.13	Burden of customs procedures.....	23	3.58	-	3.88	4.43	Chernivtsi
6.14	Imports as a percentage of GDP*.....	17	19.68	-	30.38	92.36	Kyiv
6.15	Degree of customer orientation.....	18	4.87	-	4.93	5.42	Chernivtsi
6.16	Buyer sophistication.....	19	3.61	-	3.70	3.99	Odesa
<b>B.07</b>	<b>7th pillar: Labor market efficiency.....</b>	<b>2</b>	<b>4.76</b>	<b>+</b>	<b>4.63</b>	<b>4.80</b>	<b>Khmelnitsky</b>
7.01	Cooperation in labor-employer relations.....	16	4.83	-	4.87	5.08	Kharkiv
7.02	Flexibility of wage determination.....	4	5.36	+	5.17	5.52	Kyiv
7.03	Hiring and firing practices.....	26	4.22	-	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.....	1	3.51	+	3.11	3.51	Chernihiv
7.06	Pay and productivity.....	2	5.40	+	5.07	5.41	Khmelnitsky
7.07	Reliance on professional management <sup>1/2</sup> .....	7	4.30	+	4.19	4.50	Rivne
7.08	Country capacity to retain talent.....	17	2.60	-	2.72	3.14	Kyiv
7.09	Country capacity to attract talent.....	23	2.20	-	2.67	4.21	Kyiv
7.10	Female participation in labor force, ratio to men.....	2	0.94	+	0.86	0.95	Rivne
<b>B.08</b>	<b>8th pillar: Financial market development.....</b>	<b>10</b>	<b>4.16</b>	<b>+</b>	<b>4.12</b>	<b>4.26</b>	<b>Sumy</b>
8.01	Availability of financial services.....	16	4.94	-	4.98	5.26	Kharkiv
8.02	Affordability of financial services.....	5	4.53	+	4.38	4.68	Sumy
8.03	Financing through local equity market.....	21	2.64	-	2.78	3.12	Dnipropetrovsk
8.04	Ease of access to loans.....	7	2.92	+	2.80	3.09	Lviv
8.05	Venture capital availability.....	14	2.21	-	2.22	2.39	Zaporizhzhya
8.06	Soundness of banks.....	2	5.14	+	4.82	5.18	Khmelnitsky
8.07	Regulation of securities exchanges.....	19	3.07	-	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</b>	<b>9th pillar: Technological readiness.....</b>	<b>23</b>	<b>2.93</b>	<b>-</b>	<b>3.11</b>	<b>4.38</b>	<b>Kyiv</b>
9.01	Availability of latest technologies.....	27	3.06	-	3.58	4.21	Donetsk
9.02	Firm-level technology absorption.....	21	4.16	-	4.29	4.72	Donetsk
9.03	FDI and technology transfer.....	24	3.41	-	3.84	4.77	Zakarpattia
9.04	Internet users, %*.....	27	20.13	-	32.13	82.31	Kyiv
9.05	Fixed broadband Internet subscriptions/100 pop.*.....	8	6.55	-	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> .....	2	151.47	+	126.70	243.17	Kyiv
2.09	Fixed telephone lines/100 pop.* <sup>1/2</sup> .....	7	25.90	+	24.21	67.97	Odesa
<b>B.10</b>	<b>10th pillar: Market size.....</b>	<b>21</b>	<b>1.89</b>	<b>-</b>	<b>2.21</b>	<b>3.71</b>	<b>Kyiv</b>
10.01	Domestic market size index, 1–7 (best)*.....	18	1.73	-	1.99	3.51	Kyiv
10.02	Foreign market size index, 1–7 (best)*.....	22	2.35	-	2.86	4.30	Kyiv
<b>C.11</b>	<b>11th pillar: Business sophistication.....</b>	<b>24</b>	<b>3.81</b>	<b>-</b>	<b>3.96</b>	<b>4.25</b>	<b>Donetsk</b>
11.01	Local supplier quantity.....	27	4.32	-	4.71	5.20	Donetsk
11.02	Local supplier quality.....	18	4.16	-	4.19	4.39	Donetsk
11.03	State of cluster development.....	27	3.03	-	3.93	5.28	Donetsk
11.04	Nature of competitive advantage.....	5	3.72	+	3.51	3.99	Sumy
11.05	Value chain breadth.....	19	3.30	-	3.43	4.17	Kharkiv
11.06	Control of international distribution.....	7	4.83	+	4.63	5.14	Sumy
11.07	Production process sophistication.....	24	3.21	-	3.43	3.80	Rivne
11.08	Extent of marketing.....	26	3.74	-	4.08	4.66	Donetsk
11.09	Willingness to delegate authority.....	9	3.72	+	3.61	3.98	Sumy
7.07	Reliance on professional management <sup>1/2</sup> .....	7	4.30	+	4.19	4.50	Rivne
<b>C.12</b>	<b>12th pillar: Innovation.....</b>	<b>26</b>	<b>2.72</b>	<b>-</b>	<b>3.04</b>	<b>3.60</b>	<b>Kharkiv</b>
12.01	Capacity for innovation.....	26	3.76	-	4.03	4.25	Volyn
12.02	Quality of scientific research institutions.....	24	2.99	-	3.63	4.83	Kharkiv
12.03	Company spending on R&D.....	11	2.86	+	2.85	3.33	Sumy
12.04	University-industry collaboration in R&D.....	27	2.33	-	3.01	3.95	Kharkiv
12.05	Government procurement of advanced technology products.....	11	3.02	-	3.07	3.53	Volyn
12.06	Availability of scientists and engineers.....	26	2.92	-	3.56	4.62	Kharkiv
12.07	PCT patent applications/million pop.*.....	20	0.68	-	2.12	13.90	Kyiv
1.02	Intellectual property protection <sup>1/2</sup> .....	26	3.01	-	3.24	3.44	Vinnitsya

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