

Kazakhstan

Key indicators

Population (millions), 2008.....	15.7
GDP per capita (PPP \$), 2008	11,434
Mobile phone subscriptions per 100 population, 2008.....	96.1
Internet users per 100 population, 2008	11.0
Internet bandwidth (Mb/s) per 10,000 population, 2008.....	7.1
Utility patents per million population, 2008	0.1

Networked Readiness Index

Edition (number of economies)	Rank
2009–2010 (133)	68
2008–2009 (134)	73
2007–2008 (127)	71
Global Competitiveness Index 2009–2010 (133)	67

Environment component 80

Market environment 93

1.01 Venture capital availability.....	59
1.02 Financial market sophistication	95
1.03 Availability of latest technologies	101
1.04 State of cluster development	76
1.05 Burden of government regulation	85
1.06 Extent and effect of taxation	89
1.07 Total tax rate, 2008*	52
1.08 Time required to start a business, 2009*	67
1.09 No. of procedures required to start a business, 2009*	55
1.10 Intensity of local competition	101
1.11 Freedom of the press.....	110

Political and regulatory environment 89

2.01 Effectiveness of law-making bodies.....	52
2.02 Laws relating to ICT	55
2.03 Judicial independence	97
2.04 Intellectual property protection	78
2.05 Efficiency of legal framework in settling disputes	82
2.06 Efficiency of legal framework in challenging regs.....	75
2.07 Property rights.....	103
2.08 No. of procedures to enforce a contract, 2009*	69
2.09 Time to enforce a contract, 2009*	25
2.10 Level of competition index, 2007*	104

Infrastructure environment 58

3.01 Number of telephone lines, 2008*	59
3.02 Secure Internet servers, 2008*	92
3.03 Electricity production, 2006*	49
3.04 Availability of scientists and engineers.....	74
3.05 Quality of scientific research institutions	80
3.06 Tertiary education enrollment, 2008*	45
3.07 Education expenditure, 2007*	58
3.08 Accessibility of digital content.....	72
3.09 Internet bandwidth, 2008*	71

Readiness component 74

Individual readiness 95

4.01 Quality of math and science education	72
4.02 Quality of the educational system.....	66
4.03 Buyer sophistication	79
4.04 Residential telephone connection charge, 2007*	111
4.05 Residential monthly telephone subscription, 2007*	14
4.06 Fixed broadband tariffs*	n/a
4.07 Mobile cellular tariffs*	n/a
4.08 Fixed telephone lines tariffs*	n/a

Business readiness 67

5.01 Extent of staff training.....	83
5.02 Local availability of research and training	68
5.03 Quality of management schools.....	97
5.04 Company spending on R&D	60
5.05 University-industry collaboration in R&D	77
5.06 Business telephone connection charge, 2007*	111
5.07 Business monthly telephone subscription, 2007*	36
5.08 Local supplier quality	97
5.09 Computer, comm., and other services imports, 2008*	6
5.10 Availability of new telephone lines	98

Government readiness 60

6.01 Government prioritization of ICT	64
6.02 Gov't procurement of advanced tech. products.....	62
6.03 Importance of ICT to gov't vision of the future.....	52

Usage component 54

Individual usage 57

7.01 Mobile telephone subscriptions, 2008*	60
7.02 Personal computers*	n/a
7.03 Broadband Internet subscribers, 2008*	64
7.04 Internet users, 2008*	93
7.05 Internet access in schools.....	55

Business usage 88

8.01 Prevalence of foreign technology licensing.....	102
8.02 Firm-level technology absorption	85
8.03 Capacity for innovation	50
8.04 Extent of business Internet use	84
8.05 Creative industries exports, 2006*	89
8.06 Utility patents, 2008*	85
8.07 High-tech exports, 2007*	54

Government usage 39

9.01 Government success in ICT promotion.....	63
9.02 Government Online Service Index, 2009*	24
9.03 ICT use and government efficiency	68
9.04 Presence of ICT in government agencies	64
9.05 E-Participation Index, 2009*	18

* Hard data

Note: For further details and explanation, please refer to the section "How to Read the Country/Economy Profiles" at the beginning of this chapter.