

# 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
<b>2009–2010 (133)</b> .....	<b>68</b>
2008–2009 (134) .....	73
2007–2008 (127) .....	71
<b>Global Competitiveness Index 2009–2010 (133)</b>	<b>67</b>

## 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.