### Luxembourg

**Networked Readiness Index in detail**

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#### 1st pillar: Political and regulatory environment
- 1.01 Effectiveness of law-making bodies* ................. 6 ...... 5.6
- 1.02 Laws relating to ICTs* ........................................ 2 ...... 5.9
- 1.03 Judicial independence* ..................................... 12 ..... 6.0
- 1.04 Efficiency of legal system in settling disputes* .... 12 ..... 5.4
- 1.05 Efficiency of legal system in challenging reg* ....... 6 ...... 5.1
- 1.06 Intellectual property protection* ......................... 3 ...... 6.1
- 1.07 Software piracy rate, % software installed ............ 3 ...... 20
- 1.08 No. procedures to enforce a contract .................. 9 ...... 26
- 1.09 No. days to enforce a contract ............................ 13 ..... 321

#### 2nd pillar: Business and innovation environment
- 2.01 Availability of latest technologies* ..................... 13 ..... 6.2
- 2.02 Venture capital availability* ................................. 10 ...... 4.2
- 2.03 Total tax rate, % profits ...................................... 13 ..... 20.2
- 2.04 No. days to start a business ............................... 93 ..... 19
- 2.05 No. procedures to start a business ....................... 58 ...... 6
- 2.06 Intensity of local competition* ......................... 54 ...... 5.2
- 2.07 Tertiary education gross enrollment rate, % ....... 95 ... 18.2
- 2.08 Quality of management schools* ..................... 39 ...... 4.7
- 2.09 Gov’t procurement of advanced tech* .............. 6 ...... 4.6

#### 3rd pillar: Infrastructure
- 3.01 Electricity production, kWh/capita ....................... 45 ...... 5.164.4
- 3.02 Mobile network coverage, % pop. .................. 39 ..... 99.9
- 3.03 Int’l Internet bandwidth, kb/s per user .............. 1 ...... 6.64,458.8
- 3.04 Secure Internet servers/million pop. .................. 4 ...... 2,190.7

#### 4th pillar: Affordability
- 4.01 Prepaid mobile cellular tariffs, PPP $/min .......... 74 ...... 0.26
- 4.02 Fixed broadband Internet tariffs, PPP $/month..... 66 ...... 31.58
- 4.03 Internet & telephony competition, 0–2 (best) ........ 1 ...... 2.00

#### 5th pillar: Skills
- 5.01 Quality of educational system* ......................... 25 ...... 4.6
- 5.02 Quality of math & science education* .......... 28 ...... 4.8
- 5.03 Secondary education gross enrollment rate, % .... 30 ...... 101.0
- 5.04 Adult literacy rate, % .................................. n/a ...... n/a

#### 6th pillar: Individual usage
- 6.01 Mobile phone subscriptions/100 pop. ....... 26 ...... 148.6
- 6.02 Individuals using Internet, % ............................. 6 ...... 93.8
- 6.03 Households w/ personal computer, % .......... 4 ...... 94.3
- 6.04 Households w/ Internet access, % ........................ 5 ...... 94.5
- 6.05 Fixed broadband Internet subs/100 pop. .......... 11 ...... 33.3
- 6.06 Mobile broadband subs/100 pop. ............. 18 ...... 80.5
- 6.07 Use of virtual social networks* ...................... 33 ...... 6.1

#### 7th pillar: Business usage
- 7.01 Firm-level technology absorption* .................... 8 ...... 6.0
- 7.02 Capacity for innovation* .................................. 9 ...... 5.3
- 7.03 PCT patents, applications/million pop. ............ 13 ...... 129.6
- 7.04 Business-to-business Internet use* .................... 11 ...... 5.8
- 7.05 Business-to-consumer Internet use* ............... 19 ...... 5.6
- 7.06 Extent of staff training* .................................. 13 ...... 5.4

#### 8th pillar: Government usage
- 8.01 Importance of ICTs to gov’t vision* ................... 5 ...... 5.5
- 8.02 Government Online Service Index, 0–1 (best) .... 42 ...... 0.62
- 8.03 Govt’s success in ICT promotion* ....................... 4 ...... 5.9

#### 9th pillar: Economic impacts
- 9.01 Impact of ICTs on new services & products* .... 7 ...... 5.6
- 9.02 ICT PCT patents, applications/million pop. ...... 19 ...... 29.0
- 9.03 Impact of ICTs on new organizational models* ... 17 ...... 5.2
- 9.04 Knowledge-intensive jobs, % workforce .......... 1 ...... 59.1

#### 10th pillar: Social impacts
- 10.01 Impact of ICTs on access to basic services* ... 7 ...... 5.8
- 10.02 Internet access in schools* ............................... 14 ...... 6.1
- 10.03 ICT use & gov’t efficiency* ............................... 9 ...... 5.4
- 10.04 E-Participation Index, 0–1 (best) ...................... 54 ...... 0.55

*Note: Indicators followed by an asterisk (*) are measured on a 1-to-7 (best) scale. For further details and explanation, please refer to the section "How to Read the Country/Economy Profiles" on page 115.

1 See the “Technical Notes and Sources” section.