Zambia

The Networked Readiness Index in detail

### 1st pillar: Political and regulatory environment

1.01 Effectiveness of law-making bodies* ........................................ 36 ...... 4.3
1.02 Laws relating to ICTs* .................................................. 83 ...... 3.6
1.03 Judicial independence* .................................................... 62 ...... 4.0
1.04 Efficiency of legal system in settling disputes* ..................... 37 ...... 4.3
1.05 Efficiency of legal system in challenging reg*s* .................... 48 ...... 3.8
1.06 Intellectual property protection* ........................................ 46 ...... 4.3
1.07 Software piracy rate, % software installed.......................... 87 ...... 81
1.08 No. procedures to start a business .................................... 48 ...... 35
1.09 No. days to start a contract .............................................. 92 ...... 611

### 2nd pillar: Business and innovation environment

2.01 Availability of latest technologies* ........................................ 76 ...... 4.6
2.02 Venture capital availability* ............................................. 115 ...... 2.2
2.03 Total tax rate, % profits .................................................... 10 ...... 18.6
2.04 No. days to start a business .............................................. 46 ...... 8
2.05 No. procedures to start a business ..................................... 54 ...... 6
2.06 Intensity of local competition* ........................................... 26 ...... 5.5
2.07 Tertiary education gross enrolment rate, %.................................. n/a ...
2.08 Quality of management schools* ....................................... 58 ...... 4.3
2.09 Gov’t procurement of advanced tech* ................................... 25 ...... 3.9

### 3rd pillar: Infrastructure

3.01 Electricity production, kWh/capita................................. 99 ...... 873.5
3.02 Mobile network coverage, %........................................... 128 ...... 78.0
3.03 Int’l Internet bandwidth, kb/s per user......................... 122 ...... 4.2
3.04 Secure Internet servers/million pop. ................................. 112 ...... 3.4

### 4th pillar: Affordability

4.01 Prepaid mobile cellular tariffs, PPP $/min......................... 118 ...... 0.46
4.02 Fixed broadband Internet tariffs, PPP $/month 131 ...... 147.42
4.03 Internet & telephony competition, 0–2 (best) .......... 96 ...... 1.64

### 5th pillar: Skills

5.01 Quality of education system* ........................................... 35 ...... 4.3
5.02 Quality of math & science education* ............................. 81 ...... 3.9
5.03 Secondary education gross enrolment rate, %............... n/a ...
5.04 Adult literacy rate, %....................................................... 101 ...... 63.4

### 6th pillar: Individual usage

6.01 Mobile phone subscriptions/100 pop............................ 128 ...... 67.3
6.02 Individuals using Internet, %........................................... 112 ...... 17.3
6.03 Households w/ personal computer, % ......................... 126 ...... 6.6
6.04 Households w/ Internet access, % .............................. 117 ...... 6.9
6.05 Fixed broadband Internet subs/100 pop................. 125 ...... 0.1
6.06 Mobile broadband subs/100 pop............................... 133 ...... 1.0
6.07 Use of virtual social networks* .................. 104 ...... 5.0

### 7th pillar: Business usage

7.01 Firm-level technology absorption* ............................ 65 ...... 4.7
7.02 Capacity for innovation* ................................................. 65 ...... 4.0
7.03 PCT patents, applications/million pop. ..................... 114 ...... 0.0
7.04 ICT use for business-to-business transactions* .... 71 ...... 4.7
7.05 Business-to-consumer Internet use* .................... 104 ...... 3.9
7.06 Extent of staff training* .................................................. 72 ...... 4.0

### 8th pillar: Government usage

8.01 Importance of ICTs to govt’ vision* ............................ 57 ...... 4.1
8.02 Government Online Service Index, 0–1 (best) .... 122 ...... 0.14
8.03 Gov’t success in ICT promotion* ............................ 68 ...... 4.0

### 9th pillar: Economic impacts

9.01 Impact of ICTs on business models* ......................... 86 ...... 4.2
9.02 ICT PCT patents, applications/million pop. ............. 103 ...... 0.0
9.03 Impact of ICTs on organizational models* .......... 79 ...... 3.9
9.04 Knowledge-intensive jobs, % workforce.................. 99 ...... 7.3

### 10th pillar: Social impacts

10.01 Impact of ICTs on access to basic services* .............. 106 ...... 3.6
10.02 Internet access in schools* ........................................... 94 ...... 3.8
10.03 ICT use & govt’ efficiency* ........................................ 88 ...... 3.8
10.04 E-Participation Index, 0–1 (best) ......................... 119 ...... 0.18

**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 53.