ESTONIA

GII 2019 rank 24

Output rank Input rank Income Region Population (mn) GDP, PPP$ GDP per capita, PPP$
19 27 High 1.3 44.2 34,095.8 24

BUSINESS SOPHISTICATION

Score/Value Rank
5.1 Knowledge workers 57.4 26 ◇
5.1.1 Knowledge-intensive employment, % GDP 45.5 15
5.1.2 Firms offering formal training, % firms 35.2 40
5.1.3 GERD performed by business, % GDP 0.6 34
5.1.4 GERD financed by business, % 48.2 31
5.1.5 Females employed w/advanced degrees, % 25.9 8 ◆ ◆
5.2 Innovation linkages 30.3 46 ◇
5.2.1 University/industry research collaboration* 46.4 48
5.2.2 State of cluster development* 45.6 73 ◆ ◆
5.2.3 GERD financed by abroad, % 13.6 31
5.2.4 JV-strategic alliance deals/bn PPP$ GDP 0.1 24
5.2.5 Patent families 2+ offices/bn PPP$ GDP 0.8 29
5.3 Knowledge absorption 40.0 40 ◇
5.3.1 Intellectual property payments, % total trade 0.3 81 ◆
5.3.2 High-tech imports, % total trade 96.7 36
5.3.3 ICT services imports, % total trade 2.2 23
5.3.4 FDI net inflows, % GDP 2.3 75
5.3.5 Research talent, % in business enterprise 33.9 39

KNOWLEDGE & TECHNOLOGY OUTPUTS

Score/Value Rank
6.1 Knowledge creation 26.0 33 ◇
6.1.1 Patents by origin/bn PPP$ GDP 2.2 40
6.1.2 PCT patents by origin/bn PPP$ GDP 1.1 29
6.1.3 Utility models by origin/bn PPP$ GDP 1.3 21
6.1.4 Scientific & technical articles/bn PPP$ GDP 28.7 ◇
6.1.5 Citable documents H-index 15.8 47
6.2 Knowledge impact 53.7 12 ◇
6.2.1 Growth rate of PPP$ GDP/worker, % 2.6 30
6.2.2 New businesses/th pop. 15-64 20.8 2 ◆ ◆
6.2.3 Computer software spending, % GDP 0.1 79
6.2.4 ISO 9001 quality certificates/bn PPP$ GDP 25.2 10 ◇
6.2.5 High- & medium-high-tech manufactures, % 0.2 55
6.3 Knowledge diffusion 28.3 34 ◇
6.3.1 Intellectual property receipts, % total trade 0.1 64 ◆ ◆
6.3.2 Intangible assets, % total trade 8.6 19
6.3.3 ICT services exports, % total trade 3.6 22
6.3.4 FDI net outflows, % GDP 0.4 72

CREATIVE OUTPUTS

Score/Value Rank
7.1 Intangible assets 58.7 11 ◇
7.1.1 Trademarks by origin/bn PPP$ GDP 81.1 25
7.1.2 Domain names by origin/bn PPP$ GDP 6.6 25
7.1.3 ICTs & business model creation* 75.2 17
7.1.4 ICTs & organizational model creation* 79.3 ◇
7.2 Creative goods & services 38.6 10 ◇
7.2.1 Cultural & creative services exports, % total trade 1.6 11
7.2.2 National feature films/th pop. 15-69 9.8 44 ◆ ◆
7.2.3 Entertainment & Media market/th pop. 15-69 7.8 34 n/a
7.2.4 Printing & other media, % manufacturing 2.1 16
7.2.5 Creative goods exports, % total trade 1.4 38
7.3 Online creativity 50.6 12 ◇
7.3.1 Generic top-level domains (TLDs)/th pop. 15-69 9.8 40
7.3.2 Country-code TLDs/th pop. 15-69 36.6 17
7.3.3 Wikipedia edits/th pop. 15-69 133.5 2 ◇ ◆
7.3.4 Mobile app creation/bn PPP$ GDP 66.0 7 ◆ ◆

NOTES: ◇ indicates a strength; ○ a weakness; ◆ a strength relative to the other top 25-ranked GII economies; ◆◆ a weakness relative to the other top 25-ranked GII economies; * an index; † a survey question. ◇ indicates that the economy’s data are older than the base year; see Appendix II for details, including the year of the data, at http://globalinnovationindex.org. Square brackets [ ] indicate that the data minimum coverage (DMC) requirements were not met at the sub-pillar or pillar level.