

# BURKINA FASO

GII 2019 rank

**117**

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2018 rank
<b>115</b>	<b>111</b>	<b>Low</b>	<b>SSF</b>	<b>19.8</b>	<b>38.8</b>	<b>1,996.1</b>	<b>124</b>
Score/Value Rank							
 <b>INSTITUTIONS.....</b>	<b>56.4</b>	<b>88</b>					
<b>1.1 Political environment.....</b>	<b>40.2</b>	<b>103</b>					
1.1.1 Political and operational stability*.....	56.1	105					
1.1.2 Government effectiveness*.....	32.3	102					
<b>1.2 Regulatory environment.....</b>	<b>64.5</b>	<b>68</b> ●					
1.2.1 Regulatory quality*.....	30.0	100					
1.2.2 Rule of law*.....	35.7	86					
1.2.3 Cost of redundancy dismissal, salary weeks.....	10.5	33 ●					
<b>1.3 Business environment.....</b>	<b>64.5</b>	<b>81</b>					
1.3.1 Ease of starting a business*.....	88.2	64 ●					
1.3.2 Ease of resolving insolvency*.....	40.9	94					
 <b>HUMAN CAPITAL &amp; RESEARCH.....</b>	<b>14.4</b>	<b>110</b>					
<b>2.1 Education.....</b>	<b>29.4</b>	<b>109</b>					
2.1.1 Expenditure on education, % GDP.....	4.2	73 ●					
2.1.2 Government funding/pupil, secondary, % GDP/cap.....	17.6	65					
2.1.3 School life expectancy, years.....	8.9	112 ○					
2.1.4 PISA scales in reading, maths, & science.....	n/a	n/a					
2.1.5 Pupil-teacher ratio, secondary.....	23.3	95					
<b>2.2 Tertiary education.....</b>	<b>12.6</b>	<b>105</b>					
2.2.1 Tertiary enrolment, % gross.....	6.0	116 ○					
2.2.2 Graduates in science & engineering, %.....	15.4	87					
2.2.3 Tertiary inbound mobility, %○.....	2.9	65 ●					
<b>2.3 Research &amp; development (R&amp;D).....</b>	<b>1.2</b>	<b>102</b>					
2.3.1 Researchers, FTE/mn pop.○.....	47.6	91					
2.3.2 Gross expenditure on R&D, % GDP○.....	0.2	87					
2.3.3 Global R&D companies, avg. exp. top 3, mn US\$.....	0.0	43 ○ ◇					
2.3.4 QS university ranking, average score top 3*.....	0.0	78 ○ ◇					
 <b>INFRASTRUCTURE.....</b>	<b>31.2</b>	<b>110</b>					
<b>3.1 Information &amp; communication technologies(ICTs).....</b>	<b>40.8</b>	<b>103</b>					
3.1.1 ICT access*.....	32.4	114					
3.1.2 ICT use*.....	14.9	116					
3.1.3 Government's online service*.....	53.5	101					
3.1.4 E-participation*.....	62.4	84 ◇					
<b>3.2 General infrastructure.....</b>	<b>23.8</b>	<b>106</b>					
3.2.1 Electricity output, kWh/mn pop.....	n/a	n/a					
3.2.2 Logistics performance*.....	26.1	86					
3.2.3 Gross capital formation, % GDP.....	16.3	114					
<b>3.3 Ecological sustainability.....</b>	<b>29.0</b>	<b>104</b>					
3.3.1 GDP/unit of energy use.....	n/a	n/a					
3.3.2 Environmental performance*.....	42.8	116					
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP..	0.2	117					
 <b>MARKET SOPHISTICATION.....</b>	<b>36.2</b>	<b>116</b>					
<b>4.1 Credit.....</b>	<b>24.9</b>	<b>108</b>					
4.1.1 Ease of getting credit*.....	30.0	115					
4.1.2 Domestic credit to private sector, % GDP.....	31.3	94					
4.1.3 Microfinance gross loans, % GDP.....	1.8	14 ●					
<b>4.2 Investment.....</b>	<b>40.0</b>	<b>[72]</b>					
4.2.1 Ease of protecting minority investors*.....	40.0	114 ○					
4.2.2 Market capitalization, % GDP.....	n/a	n/a					
4.2.3 Venture capital deals/bn PPP\$ GDP.....	n/a	n/a					
<b>4.3 Trade, competition, &amp; market scale.....</b>	<b>43.7</b>	<b>122</b> ○					
4.3.1 Applied tariff rate, weighted avg., %.....	9.1	108					
4.3.2 Intensity of local competition*.....	57.7	116					
4.3.3 Domestic market scale, bn PPP\$.....	38.8	106					
Score/Value Rank							
 <b>BUSINESS SOPHISTICATION.....</b>	<b>23.3</b>	<b>111</b>					
<b>5.1 Knowledge workers.....</b>	<b>18.1</b>	<b>[111]</b>					
5.1.1 Knowledge-intensive employment, %.....	n/a	n/a					
5.1.2 Firms offering formal training, % firms.○.....	24.8	65					
5.1.3 GERD performed by business, % GDP.....	n/a	n/a					
5.1.4 GERD financed by business, % ○.....	11.9	72	◆				
5.1.5 Females employed w/advanced degrees, %○.....	0.5	112 ○					
<b>5.2 Innovation linkages.....</b>	<b>18.1</b>	<b>105</b>					
5.2.1 University/industry research collaboration†.....	31.9	99					
5.2.2 State of cluster development.....	33.3	115					
5.2.3 GERD financed by abroad, %○.....	1.5	86	◇				
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP.....	0.0	86					
5.2.5 Patent families 2+ offices/bn PPP\$ GDP.....	n/a	n/a					
<b>5.3 Knowledge absorption.....</b>	<b>33.8</b>	<b>63</b> ●					
5.3.1 Intellectual property payments, % total trade.....	0.0	117 ○					
5.3.2 High-tech imports, % total trade.....	4.4	112					
5.3.3 ICT services imports, % total trade.....	2.2	21 ●					
5.3.4 FDI net inflows, % GDP.....	3.3	51 ●					
5.3.5 Research talent, % in business enterprise.....	n/a	n/a					
 <b>KNOWLEDGE &amp; TECHNOLOGY OUTPUTS....</b>	<b>15.1</b>	<b>98</b>					
<b>6.1 Knowledge creation.....</b>	<b>4.9</b>	<b>100</b>					
6.1.1 Patents by origin/bn PPP\$ GDP.....	0.2	103					
6.1.2 PCT patents by origin/bn PPP\$ GDP.....	n/a	n/a					
6.1.3 Utility models by origin/bn PPP\$ GDP.○.....	0.1	50					
6.1.4 Scientific & technical articles/bn PPP\$ GDP.....	5.5	75 ●					
6.1.5 Citable documents H-index.....	4.8	95					
<b>6.2 Knowledge impact.....</b>	<b>31.1</b>	<b>90</b>					
6.2.1 Growth rate of PPP\$ GDP/worker, %.....	2.5	36 ●					
6.2.2 New businesses/th pop. 15-64.○.....	0.2	95					
6.2.3 Computer software spending, % GDP.....	0.0	114					
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP.....	1.6	93					
6.2.5 High- & medium-high-tech manufactures, %.....	n/a	n/a					
<b>6.3 Knowledge diffusion.....</b>	<b>9.3</b>	<b>106</b>					
6.3.1 Intellectual property receipts, % total trade.....	0.0	80					
6.3.2 High-tech net exports, % total trade.....	0.1	106					
6.3.3 ICT services exports, % total trade.....	1.2	74 ●					
6.3.4 FDI net outflows, % GDP.....	0.3	81					
 <b>CREATIVE OUTPUTS.....</b>	<b>13.5</b>	<b>120</b>					
<b>7.1 Intangible assets.....</b>	<b>26.3</b>	<b>117</b>					
7.1.1 Trademarks by origin/bn PPP\$ GDP.....	5.7	114					
7.1.2 Industrial designs by origin/bn PPP\$ GDP.....	0.5	84					
7.1.3 ICTs & business model creation†.....	50.0	104					
7.1.4 ICTs & organizational model creation†.....	39.5	112					
<b>7.2 Creative goods &amp; services.....</b>	<b>1.2</b>	<b>[122]</b>					
7.2.1 Cultural & creative services exports, % total trade.....	0.1	79					
7.2.2 National feature films/mn pop. 15-69.○.....	0.5	95					
7.2.3 Entertainment & Media market/th pop. 15-69.....	n/a	n/a					
7.2.4 Printing & other media, % manufacturing.....	n/a	n/a					
7.2.5 Creative goods exports, % total trade.....	0.0	119					
<b>7.3 Online creativity.....</b>	<b>0.0</b>	<b>127</b> ○					
7.3.1 Generic top-level domains (TLDs)/th pop. 15-69.....	0.1	124 ○					
7.3.2 Country-code TLDs/th pop. 15-69.....	0.0	124 ○					
7.3.3 Wikipedia edits/mn pop. 15-69.○.....	0.0	125 ○					
7.3.4 Mobile app creation/bn PPP\$ GDP.....	n/a	n/a					

NOTES: ● indicates a strength; ○ a weakness; ◆ an income group strength; ◇ an income group weakness; \* 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.