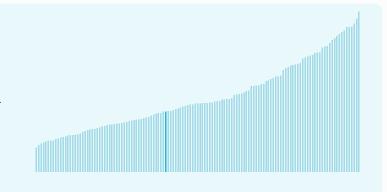


Bosnia and Herzegovina ranking in the Global Innovation Index 2024

Bosnia and Herzegovina ranks 80th among the 133 economies featured in the GII 2024.

The Global Innovation Index (GII) ranks world economies according to their innovation capabilities. Consisting of roughly 80 indicators, grouped into innovation inputs and outputs, the GII aims to capture the multi-dimensional facets of innovation.



Bosnia and Herzegovina ranks 24th among the 34 upper-middleincome group economies.



Bosnia and Herzegovina ranks 37th among the 39 economies in Europe.



> Bosnia and Herzegovina GII Ranking (2020-2024)

The table shows the rankings of Bosnia and Herzegovina over the past four years. Data availability and changes to the GII model framework influence year-on-year comparisons of the GII rankings. The statistical confidence interval for the ranking of Bosnia and Herzegovina in the GII 2024 is between ranks 76 and 88.

Year	GII Position	Innovation Inputs	Innovation Outputs
2020	74th	72nd	75th
2021	75th	70th	80th
2022	70th	64th	75th
2023	77th	75th	80th
2024	80th	74th	84th

Bosnia and Herzegovina performs worse in innovation outputs than innovation inputs in 2024.

This year Bosnia and Herzegovina ranks 74th in innovation inputs. This position is higher than last year.

Bosnia and Herzegovina ranks 84th in innovation outputs. This position is lower than last year.

Bosnia and Herzegovina has no clusters in the top 100 S&T clusters of the Global Innovation Index.



> Global Innovation Tracker

The Global Innovation Tracker 2024 shows what is the current state of innovation in Bosnia and Herzegovina, how rapidly is technology being embraced and what are the resulting societal impacts.



For Bosnia and Herzegovina, 4 indicators have improved in the short-term and 3 indicators have worsened.

Science and innovation investment

Scientific publications	R&D investments	Venture	International patent filings	
		Deal numbers	Deal values	
▼ -6% 2022 - 2023	▲ 2.4% 2021 - 2022	n/a	n/a	▼ -75% 2022 - 2023
▲ 8.5% 2013 - 2023	▼-0.6% 2012 - 2022	n/a	n/a	▼ -16.4% 2013 - 2023

Technology adoption

Safe sanitation	Conne	ectivity	Robots	Electric vehicles
	Fixed broadband	5G		
n/a	▲ 11% 2021 - 2022	n/a	▲ 40.4% 2021 - 2022	n/a
▲ 7.5% 2008 - 2018	▲ 7.8% 2012 - 2022		▲ 32.4% 2012 - 2022	n/a
54.6 per 100 inhabitants in 2018	27.1 per 100 inhabitants in 2022	n/a		n/a

Socioeconomic impact

Labor productivity	Life expectancy	Temperature change
▲ 0.4% 2022 - 2023	0% 2021 - 2022	▲ 2.6°C 2023
▲ 1.4% 2013 - 2023	▼ -0.2% 2012 - 2022	n/a
79,462 USD in 2023	75.3 years in 2022	

Notes: Not all indicators of the Global Innovation Tracker are used to calculate the Global Innovation Index. Long-term annual growth refers to the compound annual growth rate (CAGR) over the indicated period. For each variable, a one-year growth rate is set for the short run, and ten-year CAGR is set for the long run; time windows might differ when gaps exist in data availability. The end period corresponds to the most recent available observation, which may differ among countries. Temperature change is an exception: it indicates the change in degrees Celsius with respect to the average temperature in the country from 1951–1980. Figures are rounded.

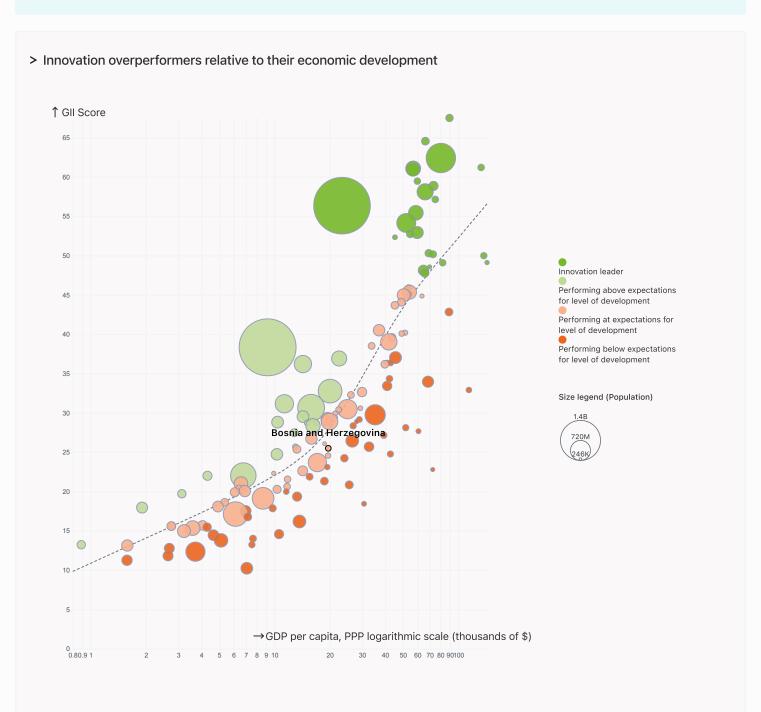


Expected vs. observed innovation performance

The bubble chart below shows the relationship between income levels (GDP per capita) and innovation performance (GII score). The trend line gives an indication of the expected innovation performance according to income level. Economies appearing above the trend line are performing better than expected and those below are performing below expectations.



Relative to GDP, Bosnia and Herzegovina's performance is at expectations for its level of development.



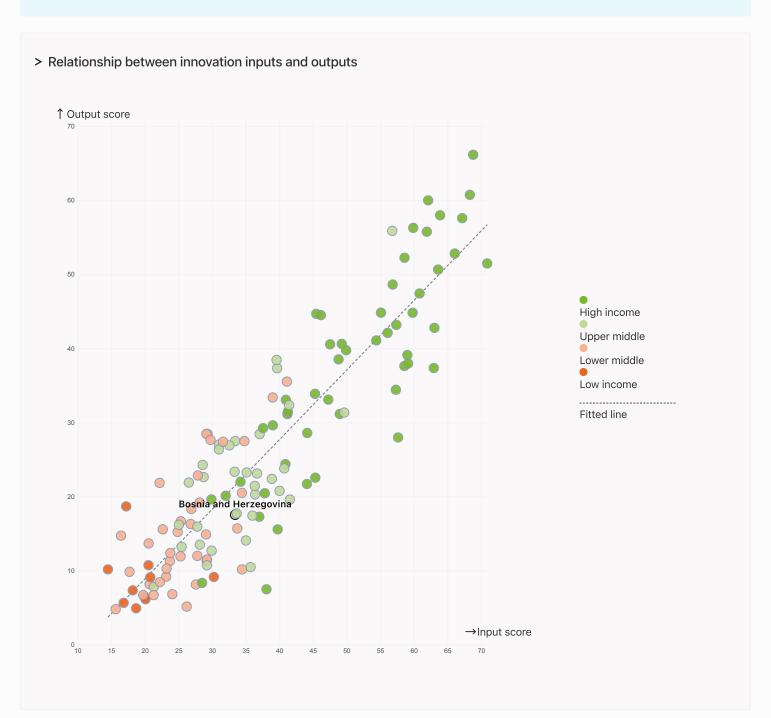


Effectively translating innovation investments into innovation outputs

The chart below shows the relationship between innovation inputs and innovation outputs. Economies above the line are effectively translating costly innovation investments into more and higher-quality outputs.



Bosnia and Herzegovina produces less innovation outputs relative to its level of innovation investments.





Overview of Bosnia and Herzegovina's rankings in the seven areas of the GII in 2024

The chart shows the ranking for each of the seven areas that the GII comprises. The strongest areas for Bosnia and Herzegovina are those that rank above the GII (shown in blue) and the weakest are those that rank below.



Highest rankings



Bosnia and Herzegovina ranks highest in Market sophistication (29th), Infrastructure (69th), Knowledge and technology outputs (71st) and Human capital and research (72nd).

Lowest rankings



Bosnia and Herzegovina ranks lowest in Institutions (110th), Business sophistication (104th) and Creative outputs (94th).

The full WIPO Intellectual Property

Statistics profile for Bosnia and
Herzegovina can be found on this link.



Benchmark of Bosnia and Herzegovina against other economy groupings for each of the seven areas of the GII Index

The charts shows the relative position of Bosnia and Herzegovina (blue bar) against other economy groupings (grey bars), for each of the seven areas of the GII Index.



Top 10 | Score: 56.54

Europe | Score: 39.15

Upper middle income | Score: 24.3

Bosnia and Herzegovina | Score: 14

Upper-Middle-Income economies

Bosnia and Herzegovina performs above the upper-middle-income group average in Human capital and research, Infrastructure, Market sophistication.



Europe

Bosnia and Herzegovina performs above the regional average in Market sophistication.

Institutions	Human capital and research	Infrastructure
Top 10 Score: 80.81	Top 10 Score: 61.30	Top 10 Score: 58.57
Europe Score: 59.14	Europe Score: 44.92	Europe Score: 51.74
Upper middle income Score: 43.0	Bosnia and Herzegovina Score: 3	Bosnia and Herzegovina Score: 4
Bosnia and Herzegovina Score: 2	Upper middle income Score: 29.5	Upper middle income Score: 39.8
Market sophistication	Business sophistication	Knowledge and technology outputs
Top 10 Score: 62.12	Top 10 Score: 63.64	Top 10 Score: 57.29
Bosnia and Herzegovina Score: 4	Europe Score: 42.68	Europe Score: 36.30
Europe Score: 42.79	Upper middle income Score: 27.6	Upper middle income Score: 20.6
Upper middle income Score: 32.9	Bosnia and Herzegovina Score: 1!	Bosnia and Herzegovina Score: 2
Creative outputs		



Innovation strengths and weaknesses in Bosnia and Herzegovina

The table below gives an overview of the indicator strengths and weaknesses of Bosnia and Herzegovina in the GII 2024.



Bosnia and Herzegovina's main innovation strengths are **Government funding/pupil**, **secondary**, % **GDP/cap** (rank 4), **ISO 9001 quality/bn PPP\$ GDP** (rank 9) and **Pupil–teacher ratio**, **secondary** (rank 13).

Strengths Weaknesses

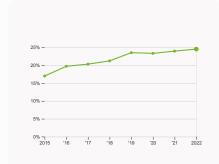
Rank	Code	Indicator name	Rank	Code	Indicator name
4	2.1.2	Government funding/pupil, secondary, % GDP/cap	128	1.1.2	Government effectiveness*
9	6.3.5	ISO 9001 quality/bn PPP\$ GDP	127	5.2.2	University-industry R&D collaboration [†]
13	2.1.5	Pupil-teacher ratio, secondary	124	1.3.1	Policy stability for doing business [†]
17	4.3.2	Domestic industry diversification	112	5.3.3	ICT services imports, % total trade
17	4.1.3	Loans from microfinance institutions, % GDP	107	7.3.3	Mobile app creation/bn PPP\$ GDP
22	3.3.3	ISO 14001 environment/bn PPP\$ GDP	76	7.1.1	Intangible asset intensity, top 15, %
32	6.3.2	Production and export complexity	75	7.1.3	Global brand value, top 5,000, % GDP
37	3.2.3	Gross capital formation, % GDP	75	2.3.4	QS university ranking, top 3*
40	6.3.4	ICT services exports, % total trade	49	6.2.2	Unicorn valuation, % GDP
42	6.2.1	Labor productivity growth, %	41	2.3.3	Global corporate R&D investors, top 3, mn USD



Bosnia and Herzegovina's innovation system

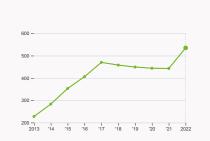
As far as practicable, the plots below present unscaled indicator data.

> Innovation inputs in Bosnia and Herzegovina



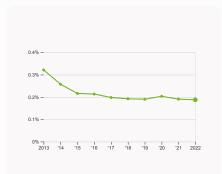
2.2.2 Graduates in science and engineering

was equal to 24.52 % of total graduates in 2022, up by 0.56 percentage points from the year prior – and equivalent to an indicator rank of 40



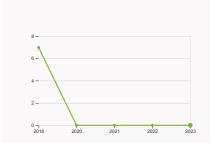
2.3.1 Researchers

was equal to 535.005 FTE per million population in 2022, up by 20.81% from the year prior – and equivalent to an indicator rank of 70.



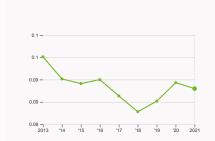
2.3.2 Gross expenditure on R&D

was equal to 0.19 % GDP in 2022, down by 0.003 percentage points from the year prior – and equivalent to an indicator rank of 88.



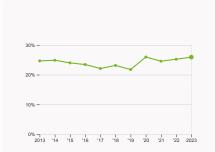
2.3.4 QS university ranking

was equal to an average score of 0 for the top three universities in 2023 with no change from the year prior – and equivalent to an indicator rank of 75.



4.3.2 Domestic industry diversification

was equal to an index score of 0.09 in 2021, down by 1.49% from the year prior – and equivalent to an indicator rank of 17.

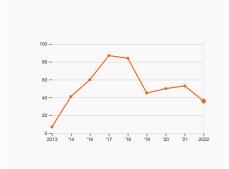


5.1.1 Knowledge-intensive employment

was equal to 25.92 % in 2023, up by 0.69 percentage points from the year prior – and equivalent to an indicator rank of 56.



> Innovation outputs in Bosnia and Herzegovina



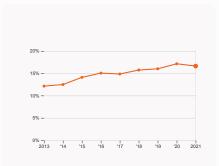
6.1.1 Patents by origin

was equal to 36 patents in 2022, down by 32.08% from the year prior – and equivalent to an indicator rank of 71.



6.2.2 Unicorn valuation

was equal to 0 % GDP in 2024 with no change from the year prior – and equivalent to an indicator rank of 49.



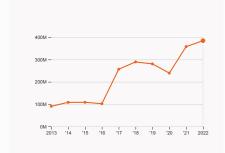
6.2.4 High-tech manufacturing

was equal to 16.62 % of total manufacturing output in 2021, down by 0.51 percentage points from the year prior – and equivalent to an indicator rank of 70.



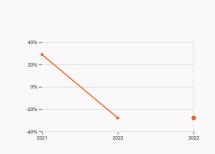
6.3.2 Production and export complexity

was equal to a score of 0.77 in 2021, up by 14.93% from the year prior – and equivalent to an indicator rank of 32.



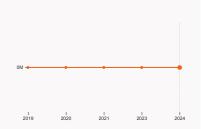
6.3.3 High-tech exports

was equal to 384.68 million USD in 2022, up by 7.47% from the year prior – and equivalent to an indicator rank of 50.



7.1.1 Intangible asset intensity

was equal to -27.86 % for the top 15 companies in 2022 with no change from the year prior – and equivalent to an indicator rank of 76.



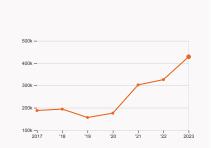
7.1.3 Global brand value

was equal to 0 million USD for the brands in the top 5,000 in 2024 with no change from the year prior – and equivalent to an indicator rank of 75.



7.2.2 National feature films

was equal to 9 films in 2022 with no change from the year prior – and equivalent to an indicator rank of 34.



7.3.3 Mobile app creation

was equal to 428.68 thousand global downloads of mobile apps in 2023, up by 31.41% from the year prior – and equivalent to an indicator rank of 107.



GII 2024 rank

80

Bosnia and Herzegovina

# Human capital and research 30.4 72 51 52.3 A plot's treatprict/preadpe allance dealigh PPPE ODP 60.2 60.2 60.2 51.1 Expenditure on education, W GOP 60.2 51.2 52.3 A plot's treatprict/preadpe allance dealigh PPPE ODP 60.2 60.2 52.2 52.3 A plot's treatprict/preadpe allance dealigh PPPE ODP 60.2 60.2 52.2 52.3 A plot's treatprict/preadpe allance dealigh PPPE ODP 60.2 60.2 70.2 <t< th=""><th>Output rank</th><th>Input rank</th><th>Income</th><th>Re</th><th>gior</th><th>1</th><th>Population (mn)</th><th>GDP, PPP\$ (bn)</th><th>GDP per cap</th><th>ita, F</th><th>PP:</th></t<>	Output rank	Input rank	Income	Re	gior	1	Population (mn)	GDP, PPP\$ (bn)	GDP per cap	ita, F	PP:
	84	74	Upper middle	E	UR		3.2	68	19,633	3.6	
1 1 1 1 1 1 1 1 1 1				Score / Value	Rank	<			Score / Value	Rank	
1.51 Covernment further/promisers				30	110	1	Business sophistication	1	19.7	104	\
1.5 Regulatory carety (memore) 1.6 2.5	1.1 Institutional environ	nment		33.4	109	\Q	5.1 Knowledge workers		29.7	73	
Bale Begindbury environment 1984 1985	1.1.1 Operational stability	for businesses*		50.7	92		5.1.1 Knowledge-intensive emp	loyment, %	25.9	56	
23 - Parametrian 337 81 23 24 24 24 24 24 24 24	1.1.2 Government effective	veness*		16.2	128	$\circ \diamond$	5.1.2 Firms offering formal train	ning, %	24.6	67	
1.2. Distributions with recomment	1.2 Regulatory environs	ment		36.4	80		5.1.3 GERD performed by busin	ness, % GDP	0 .07	63	
1.8 Believe sentement	1.2.1 Regulatory quality*			37.7	81		5.1.4 GERD financed by busine	ss, %	38.7	46	
13 15 15 15 15 15 15 15	1.2.2 Rule of law*			35	83		5.1.5 Females employed w/adva	anced degrees, %	9.7	77	
Section 1	1.3 Business environme	ent		20.1	118	0	5.2 Innovation linkages		13.7	111	
Lead Numan capital and resourch 30.4 72 2.1 Education 57.2 51.4 2.2.4 bill submeditation of addition (N ODP) 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 0.00 6 0.00 </td <td>1.3.1 Policy stability for d</td> <td>loing business[†]</td> <td></td> <td></td> <td></td> <td>0 0</td> <td>5.2.1 Public Research-Industry</td> <td>co-publications, %</td> <td>1.6</td> <td>58</td> <td></td>	1.3.1 Policy stability for d	loing business [†]				0 0	5.2.1 Public Research-Industry	co-publications, %	1.6	58	
2.1 Education	1.3.2 Entrepreneurship p	olicies and culture [†]		Q 27.2	58		5.2.2 University-industry R&D	collaboration [†]	10.3	127	0 0
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2.2 Intering inbound mobility, % of the content of		-					Knowledge and technol	ogy outputs	20.3	71	
2.3.1 Researchers, FTE/min pop. 2.3.2 Gross expenditure on RAD, % GDP 0.0 R168 sturture 0.0 R169 sturture 0.0 R168 stur						•	6.1 Knowledge creation		9.5	85	
2.3 Consequentifure on RAD, % GPP Consequentified on Investors, top 3, m USD Consequentified in Investors Consequ	2.3 Research and devel	lopment (R&D)		2.1	90		6.1.1 Patents by origin/bn PPP\$	GDP	0.6	71	
2.3.3 Global corporate R&D investors, top 3, min USD	2.3.1 Researchers, FTE/m	nn pop.		535	70		6.1.2 PCT patents by origin/bn	PPP\$ GDP	0.01	89	
2.4 Sq. sunwarsity ranking, top 3° of 10° o	2.3.2 Gross expenditure	on R&D, % GDP		0.2	88		6.1.3 Utility models by origin/br	n PPP\$ GDP	-	-	
Ne Infrastructure 40.6 6.2 6.2 Knowledge impact 20.1 1.2 <t< td=""><td>2.3.3 Global corporate R</td><td>&D investors, top 3, mn US</td><td>D</td><td>0</td><td>41</td><td>0 ♦</td><td>6.1.4 Scientific and technical a</td><td>rticles/bn PPP\$ GDP</td><td>10.9</td><td>68</td><td></td></t<>	2.3.3 Global corporate R	&D investors, top 3, mn US	D	0	41	0 ♦	6.1.4 Scientific and technical a	rticles/bn PPP\$ GDP	10.9	68	
S.1 Information and communication technologies (ICTs)	2.3.4 QS university ranki	ing, top 3*		0	75	0 ♦	6.1.5 Citable documents H-inde	ex	5.1	96	
3.1 Information and communication technologies (ICTs) 63.8 83	‡ Infrastructure			40.6	69		6.2 Knowledge impact		20.1	100	
3.11 ICT access*			(107.)	20.0			6.2.1 Labor productivity growth	1, %	1.4	42	•+
3.12 ICI Use*		mmunication technologies	s (ICTs)				6.2.2 Unicorn valuation, % GDF		0	49	0 0
3.13 Government's online service*							6.2.3 Software spending, % GD	OP .	0.06	101	
Sala Net Participation		a comice*				^	6.2.4 High-tech manufacturing	ı, %	16.6	70	
8.3 Secondarial infrastructure 3.1 Secondarial infrastructure 3.2 Secondarial infrastructure 3.3 Secondarial infrastructure 3.4 Secondarial infrastructure 3.5 Secondaria		ie service				~	6.3 Knowledge diffusion		31.3	39	•+
3.2.1 Electricity output, GWh/m pop. 5,0402 42 5 5 5 5 5 5 5 5 5		ure									
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3.2.3 Gross capital formation, % GDP 3.3 Ecological sustainability 3.3.1 GDP/unit of energy use, % 17.1 24.5 25.5 2											
3.3 Ecological sustainability 24.7 50						• •					-
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3.3.2 Low-carbon energy use, % 17.6 lossy sign of the passes of the pas	-	-				\Diamond	Creative outputs		14.7	94	
Market sophistication 46.5 29 ◆ ↑ 4.1 Credit 31.5 54 71.3 Global brand value, top 5,000, % GDP 0 75 ◆ ↑ 4.1.1 Finance for startups and scaleups † 52.7 36 7.2 Creative goods and services 11.7 68							7.1 Intangible assets		13.5	94	
1.1 Finance for startups and scaleups	3.3.3 ISO 14001 environn	ment/bn PPP\$ GDP		5	22	• •	7.1.1 Intangible asset intensity,	top 15, %	● -27.9	76	00
1.1 Credit 31.5 54 7.1 Industrial designs by origin/bn PPP\$ GDP 1 6 7.1 Industrial designs by origin/bn PPP\$ GDP 1 6 7.1 Industrial designs by origin/bn PPP\$ GDP 1 6 7.1 Industrial designs by origin/bn PPP\$ GDP 1 7.1 Industrial PPP\$ GDP 1 7.1 Industrial desig	lul Market sonhistica	tion		46.5	29	0.6	7.1.2 Trademarks by origin/bn F	PPP\$ GDP	13	104	<
4.1.1 Finance for startups and scaleups† 5.2.7 3.6.7 7.2.4 Industrial designs by dright/ph PPs GDP 7.2.1 Cultural and creative services 7.2.1 Cultural and creative services exports, % total trade 7.2.2 National feature films/mn pop. 15–69 7.2.2 National feature films/mn pop. 15–69 </td <td> market copmotica</td> <td></td> <td></td> <td>-,0.0</td> <td></td> <td></td> <td>7.1.3 Global brand value, top 5,</td> <td>000, % GDP</td> <td>0</td> <td>75</td> <td>00</td>	market copmotica			-,0.0			7.1.3 Global brand value, top 5,	000, % GDP	0	75	00
A.1.2 Domestic credit to private sector, % GDP 48.2 7.2 Creative goods and services 7.2 Creative goods exports, % total trade 7.2 Creative goods exports, % total trade 7.2 Creative goods exports, % to				_			7.1.4 Industrial designs by origi	in/bn PPP\$ GDP	1	60	
4.1.3 Loans from microfinance institutions, % GDP 2.4 17.2 National feature services exports, % total trade 0.2 7.2 National feature films/mn pop. 15–69 3.9 3.4 4.2 Investment 7.2.2 National feature films/mn pop. 15–69 3.9 3.4 4.2 Investment and media market/th pop. 15–69 3.9 4.2 4.2.1 Market capitalization, % GDP 1.0 1.0 7.2.4 Creative goods exports, % total trade 0.3 7.1 4.2.2 Venture capital (VC) investors, deals/bn PPP\$ GDP 1.0 7.3 Online creativity 7.3 Online creativity 7.3 Online creativity 7.3 Top-level domains (TLDs)/th pop. 15–69 1.0 9.8							7.2 Creative goods and service	ces	11.7	68	
7.2.2 National feature films/mn pop. 15–69							7.2.1 Cultural and creative serv	ices exports, % total trade	0.2	73	
4.2.1 Market capitalization, % GDP n/a		nance institutions, % GDP					7.2.2 National feature films/mn	pop. 15-69	3.9	34	
4.2.2 Venture capital (VC) investors, deals/bn PPP\$ GDP 1/3		*/ ODD				ij	7.2.3 Entertainment and media	market/th pop. 15-69	n/a	n/a	
4.2.3 VC recipients, deals/bn PPP\$ GDP n/a			000				7.2.4 Creative goods exports, 9	% total trade	0.3	71	
4.2.4 VC received, value, % GDP			GDP				7.3 Online creativity		19.9	98	
4.3 Trade, diversification and market scale 4.3.1 Applied tariff rate, weighted avg., % 4.3.2 Domestic industry diversification 4.3.4 Domestic industry diversification 4.3.5 Domestic industry diversification 4.3.6 Domestic industry diversification 4.3.7 Solithub committs/min pop. 15-05 7.3.3 Mobile app creation/bn PPP\$GDP 4.3.4 Nobile app creation/bn PPP\$GDP 4.3.5 Mobile app creation/bn PPP\$GDP 4.3.5 Mobile app creation/bn PPP\$GDP 4.3.6 Mobile app creation/bn PPP\$GDP 4.3.7 Nobile app creation/bn PPP\$GDP							7.3.1 Top-level domains (TLDs)	/th pop. 15–69	2.9	70	
4.3.1 Applied tariff rate, weighted avg., % 1.5 54 4.3.2 Domestic industry diversification 94.9 17 ● ★	, ,						7.3.2 GitHub commits/mn pop.	15-69	9.7	57	
4.3.2 Domestic industry diversification 94.9 17 ●◆							7.3.3 Mobile app creation/bn Pl	PP\$ GDP	47.2	107	0 0
						••					



Data availability

The following tables list indicators that are either missing or outdated for Bosnia and Herzegovina.



Bosnia and Herzegovina has missing data for seven indicators and outdated data for eight indicators.

Missing data for Bosnia and Herzegovina

Code	Indicator name	Economy Year	Model Year	Source
2.1.1	Expenditure on education, % GDP	n/a	2022	UNESCO Institute for Statistics
4.2.1	Market capitalization, % GDP	n/a	2022	World Federation of Exchanges; World Bank
4.2.2	Venture capital (VC) investors, deals/bn PPP\$ GDP	n/a	2023	LSEG Data & Analytics; International Monetary Fund
4.2.3	VC recipients, deals/bn PPP\$ GDP	n/a	2023	LSEG Data & Analytics; International Monetary Fund
4.2.4	VC received, value, % GDP	n/a	2023	LSEG Data & Analytics; International Monetary Fund
6.1.3	Utility models by origin/bn PPP\$ GDP	n/a	2022	World Intellectual Property Organization; International Monetary Fund
7.2.3	Entertainment and media market/th pop. 15–69	n/a	2023	PwC, GEMO; United Nations, World Population Prospects; International Monetary Fund

Outdated data for Bosnia and Herzegovina

Code	Indicator name	Economy Year	Model Year	Source
1.3.2	Entrepreneurship policies and culture [†]	2017	2023	Global Entrepreneurship Monitor
2.1.2	Government funding/pupil, secondary, % GDP/cap	2018	2020	UNESCO Institute for Statistics
2.1.4	PISA scales in reading, maths and science	2018	2022	OECD, PISA
4.1.1	Finance for startups and scaleups†	2017	2023	Global Entrepreneurship Monitor
5.1.3	GERD performed by business, % GDP	2021	2022	UNESCO Institute for Statistics; Eurostat; OECD; RICYT
5.2.4	Joint venture/strategic alliance deals/bn PPP\$ GDP	2021	2023	LSEG Data & Analytics; International Monetary Fund
5.3.5	Research talent, % in businesses	2021	2022	UNESCO Institute for Statistics; Eurostat; OECD; RICYT

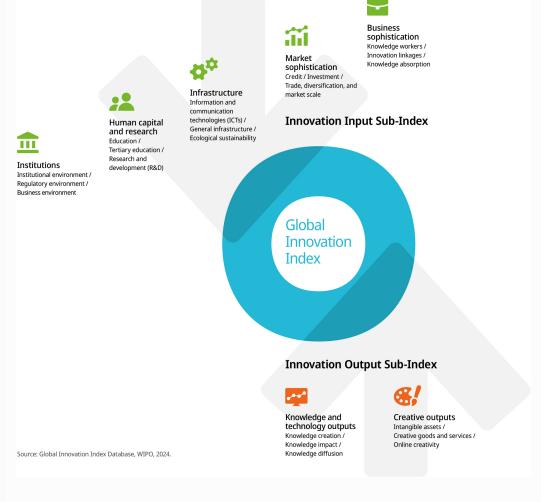


C	Code	Indicator name	Economy Year	Model Year	Source
7	.1.1	Intangible asset intensity, top 15, %	2022	2023	Brand Finance



About the Global Innovation Index

- The Global Innovation Index (GII) is published by the World Intellectual Property Organization (WIPO), a specialized agency of the United Nations.
- Recognizing that innovation is a key driver of economic development, the GII aims to provide an innovation ranking and rich analysis referencing around 130 economies. Over the last decade, the GII has established itself as both a leading reference on innovation and a "tool for action" for economies that incorporate the GII into their innovation agendas.



The Index is a ranking of the innovation capabilities and results of world economies. It measures innovation based on criteria that include institutions, human capital and research, infrastructure, credit, investment, linkages; the creation, absorption and diffusion of knowledge; and creative outputs.

The GII has two sub-indices: the Innovation Input Sub-Index and the Innovation Output Sub-Index, and seven pillars, each consisting of three sub-pillars.