

Armenia

Key indicators

Population (millions)	3.2
GDP (US\$ billions)	10.6
GDP per capita, PPP\$	5,637.2
Income group	Lower-middle income
Region	Northern Africa and Western Asia

	Score (0–100) or value (hard data)	Rank
Global Innovation Index (out of 142).....	37.6	59
Innovation Output Sub-Index	34.8	47
Innovation Input Sub-Index	40.4	71
Innovation Efficiency Ratio	0.9	42
Global Innovation Index 2012 (based on GII 2012 framework)	34.5	69

1 Institutions.....65.7 57

1.1 Political environment.....	57.3	63
1.1.1 Political stability*.....	63.8	75
1.1.2 Government effectiveness*.....	36.0	74
1.1.3 Press freedom*.....	72.0	61
1.2 Regulatory environment	70.2	51
1.2.1 Regulatory quality*	56.4	65
1.2.2 Rule of law*.....	36.4	81
1.2.3 Cost of redundancy dismissal, salary weeks.....	11.0	45
1.3 Business environment.....	69.6	49
1.3.1 Ease of starting a business*.....	94.7	12 ●
1.3.2 Ease of resolving insolvency*.....	44.2	57
1.3.3 Ease of paying taxes*.....	69.9	68

2 Human capital & research.....31.5 71

2.1 Education	56.8	59
2.1.1 Current expenditure on education, % GNI.....	n/a	n/a
2.1.2 Public expenditure/pupil, % GDP/cap.....	16.3	75
2.1.3 School life expectancy, years.....	12.0	85
2.1.4 PISA scales in reading, maths, & science.....	n/a	n/a
2.1.5 Pupil-teacher ratio, secondary	6.7	2 ●
2.2 Tertiary education.....	31.3	26
2.2.1 Tertiary enrolment, % gross.....	48.9	48
2.2.2 Graduates in science & engineering, %	15.9	71
2.2.3 Tertiary inbound mobility, %.....	3.0	47
2.2.4 Gross tertiary outbound enrolment, %	2.0	53
2.3 Research & development (R&D).....	6.5	74
2.3.1 Researchers, headcounts/mn pop.	1,796.4	40
2.3.2 Gross expenditure on R&D, % GDP.....	0.3	71
2.3.3 QS university ranking, average score top 3*.....	0.0	68 ○

3 Infrastructure.....25.5 97

3.1 Information & communication technologies (ICTs).....	22.2	102
3.1.1 ICT access*.....	40.7	79
3.1.2 ICT use*.....	15.5	82
3.1.3 Government's online service*.....	32.7	111
3.1.4 E-participation*.....	0.0	129 ○
3.2 General infrastructure.....	28.6	77
3.2.1 Electricity output, kWh/cap.....	2,100.6	77
3.2.2 Electricity consumption, kWh/cap.....	1,606.4	79
3.2.3 Logistics performance*.....	39.0	98
3.2.4 Gross capital formation, % GDP.....	30.7	21 ●
3.3 Ecological sustainability	25.6	89
3.3.1 GDP/unit of energy use, 2000 PPP\$/kg oil eq	6.2	65
3.3.2 Environmental performance*.....	47.5	89
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP	0.2	110 ○

4 Market sophistication50.0 48

4.1 Credit.....	54.5	35
4.1.1 Ease of getting credit*.....	75.0	38
4.1.2 Domestic credit to private sector, % GDP.....	35.0	90
4.1.3 Microfinance gross loans, % GDP	6.8	7 ●

4.2 Investment	17.2	111
4.2.1 Ease of protecting investors*.....	68.9	27 ●
4.2.2 Market capitalization, % GDP.....	0.4	107 ○
4.2.3 Total value of stocks traded, % GDP.....	0.0	107 ○
4.2.4 Venture capital deals/tr PPP\$ GDP.....	0.0	74 ○
4.3 Trade & competition	78.3	56
4.3.1 Applied tariff rate, weighted mean, %.....	2.3	45
4.3.2 Non-agricultural mkt access weighted tariff, %.....	0.1	24 ●
4.3.3 Intensity of local competition†.....	47.5	126 ○

5 Business sophistication29.3 84

5.1 Knowledge workers.....	48.3	51
5.1.1 Knowledge-intensive employment, %.....	n/a	n/a
5.1.2 Firms offering formal training, % firms.....	30.4	65
5.1.3 R&D performed by business, % GDP.....	n/a	n/a
5.1.4 R&D financed by business, %	n/a	n/a
5.1.5 GMAT mean score.....	490.1	85
5.1.6 GMAT test takers/mn pop. 20–34.....	210.7	29
5.2 Innovation linkages	18.4	113
5.2.1 University/industry research collaboration†	31.6	117 ○
5.2.2 State of cluster development†	41.6	75
5.2.3 R&D financed by abroad, %.....	4.2	61
5.2.4 JV–strategic alliance deals/tr PPP\$ GDP	0.1	39
5.2.5 Patent families filed in 3+ offices/bn PPP\$ GDP	0.0	69 ○
5.3 Knowledge absorption.....	21.3	97
5.3.1 Royalty & license fees payments, % service imports.....	n/a	n/a
5.3.2 High-tech imports less re-imports, %	5.9	95
5.3.3 Comm., computer & info. services imports, %.....	1.7	112
5.3.4 FDI net inflows, % GDP.....	6.5	29 ●

6 Knowledge & technology outputs28.3 58

6.1 Knowledge creation.....	26.2	37
6.1.1 Domestic resident patent ap/bn PPP\$ GDP.....	7.1	23 ●
6.1.2 PCT resident patent ap/bn PPP\$ GDP.....	0.4	40
6.1.3 Domestic res utility model ap/bn PPP\$ GDP.....	2.5	15
6.1.4 Scientific & technical articles/bn PPP\$ GDP.....	40.7	17 ●
6.1.5 Citable documents H index.....	98.0	61
6.2 Knowledge impact.....	29.1	88
6.2.1 Growth rate of PPP\$ GDP/worker, %.....	3.8	29
6.2.2 New businesses/th pop. 15–64.....	1.1	58
6.2.3 Computer software spending, % GDP.....	n/a	n/a
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP	1.9	95
6.2.5 High- & medium-high-tech manufactures, %	5.8	84 ○
6.3 Knowledge diffusion.....	28.5	50
6.3.1 Royalty & license fees receipts, % service exports	n/a	n/a
6.3.2 High-tech exports less re-exports, %.....	0.6	86
6.3.3 Comm., computer & info. services exports, %.....	12.3	30
6.3.4 FDI net outflows, % GDP	0.8	53

7 Creative outputs41.3 53

7.1 Intangible assets.....	45.4	59
7.1.1 Domestic res trademark reg/bn PPP\$ GDP.....	88.9	8 ●
7.1.2 Madrid trademark registrations/bn PPP\$ GDP	1.3	25
7.1.3 ICT & business model creation†.....	57.2	68
7.1.4 ICT & organizational model creation†.....	53.2	65
7.2 Creative goods & services.....	41.3	49
7.2.1 Audio-visual & related services exports, %.....	0.5	22
7.2.2 National feature films/mn pop. 15–69.....	2.3	56
7.2.3 Paid-for dailies, circulation, % pop. 15–69.....	2.0	106
7.2.4 Printing & publishing manufactures, %.....	3.0	18 ●
7.2.5 Creative goods exports, %.....	0.8	58
7.3 Online creativity	33.0	52
7.3.1 Generic top-level domains (TLDs)/th pop. 15–69.....	1.7	91
7.3.2 Country-code TLDs/th pop. 15–69.....	32.4	54
7.3.3 Wikipedia monthly edits/mn pop. 15–69.....	3,962.7	39
7.3.4 Video uploads on YouTube/pop. 15–69.....	75.1	59

NOTE: ● indicates a strength; ○ a weakness; * an index; † a survey question.