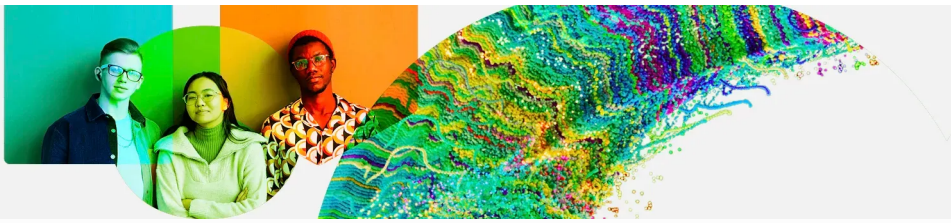
# Global Innovation Index 2024



## Kuwait ranking in the Global Innovation Index 2024

**Kuwait ranks 71st 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.



**Kuwait ranks 45th among the 51 high-income group economies.**



**Kuwait ranks 10th among the 18 economies in Northern Africa and Western Asia.**



### Kuwait GII Ranking (2020-2024)

The table shows the rankings of Kuwait 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 Kuwait in the GII 2024 is between ranks 67 and 77.

| Year | GII Position | Innovation Inputs | Innovation Outputs |
|---|---|---|---|
| 2020 | 78th | 73rd | 79th |
| 2021 | 72nd | 73rd | 73rd |
| 2022 | 62nd | 66th | 66th |
| 2023 | 64th | 67th | 65th |
| 2024 | 71st | 70th | 68th |

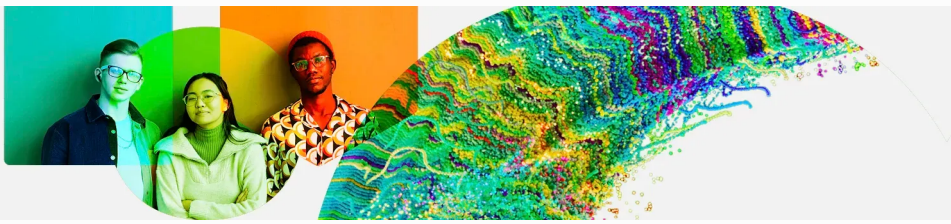
Kuwait performs better in innovation outputs than innovation inputs in 2024.

This year **Kuwait ranks 70th in innovation inputs.** This position is lower than last year.

**Kuwait ranks 68th in innovation outputs.** This position is lower than last year.

Kuwait has no clusters in the top 100 S&T clusters of the Global Innovation Index.

# Global Innovation Index 2024



## > Global Innovation Tracker

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

For Kuwait, 5 indicators have improved in the short-term and 5 indicators have worsened.

### Science and innovation investment

| Scientific publications | R&D investments | Venture capital | | International patent filings |
|---|---|---|---|---|
| | | Deal numbers | Deal values | |
| ▲ 4.6%<br>2022 - 2023 | ▼ -31.4%<br>2020 - 2022 | ▲ 100%<br>2022 - 2023 | n/a | ▼ -75%<br>2022 - 2023 |
| ▲ 11.2%<br>2013 - 2023 | ▼ -1.7%<br>2012 - 2022 | n/a | n/a | n/a |

### Technology adoption

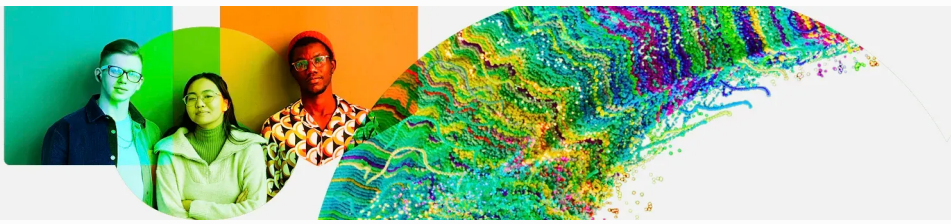
| Safe sanitation | Connectivity | | Robots | Electric vehicles |
|---|---|---|---|---|
| | Fixed broadband | 5G | | |
| 0%<br>2021 - 2022 | ▼ -11.6%<br>2021 - 2022 | ▲ 8.7%<br>2021 - 2022 | ▲ 50%<br>2021 - 2022 | n/a |
| 0%<br>2012 - 2022 | ▲ 0.6%<br>2012 - 2022 | | ▲ 4.1%<br>2012 - 2022 | n/a |
| 100<br>per 100 inhabitants in 2022 | 1.5<br>per 100 inhabitants in 2022 | 100<br>per 100 inhabitants in 2022 | | n/a |

### Socioeconomic impact

| Labor productivity | Life expectancy | Temperature change |
|---|---|---|
| ▼ -2.4%<br>2022 - 2023 | ▲ 2%<br>2021 - 2022 | ▲ 2°C<br>2023 |
| ▼ -0.7%<br>2013 - 2023 | ▲ 0.2%<br>2012 - 2022 | n/a |
| 153,157<br>USD in 2023 | 80.3<br>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.

# Global Innovation Index 2024



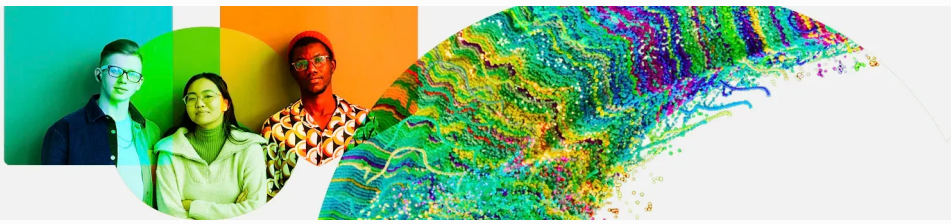
## Expected vs. observed innovation performance

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, Kuwait's performance is below expectations for its level of development.

> Innovation overperformers relative to their economic development

Global Innovation Index 2024



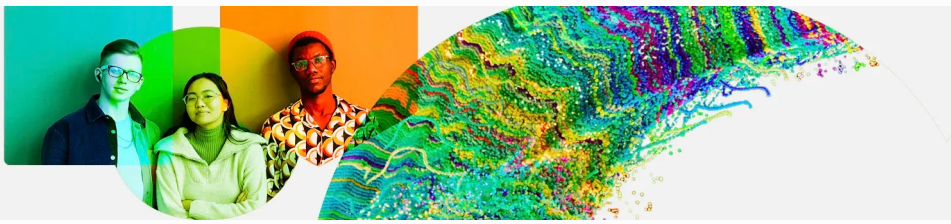
## Effectively translating innovation investments into innovation outputs

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.

Kuwait produces less innovation outputs relative to its level of innovation investments.

> Relationship between innovation inputs and outputs

# Global Innovation Index 2024



## Overview of Kuwait'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 Kuwait are those that rank above the GII (shown in blue) and the weakest are those that rank below.


### Highest rankings

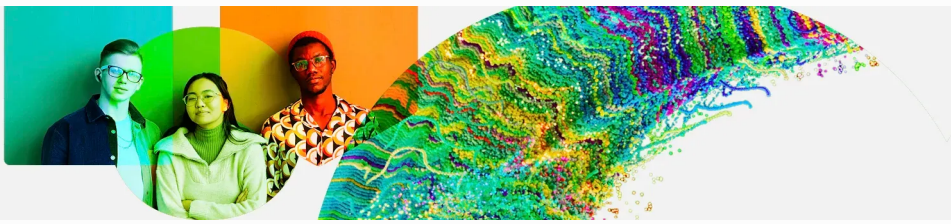
Kuwait ranks highest in Human capital and research (53rd), Infrastructure (60th), Institutions (66th) and Knowledge and technology outputs (67th).

### Lowest rankings

Kuwait ranks lowest in Business sophistication (120th), Market sophistication (76th) and Creative outputs (69th).

The full WIPO Intellectual Property Statistics profile for Kuwait can be found on this link.

# Global Innovation Index 2024



## Benchmark of Kuwait against other economy groupings for each of the seven areas of the GII Index

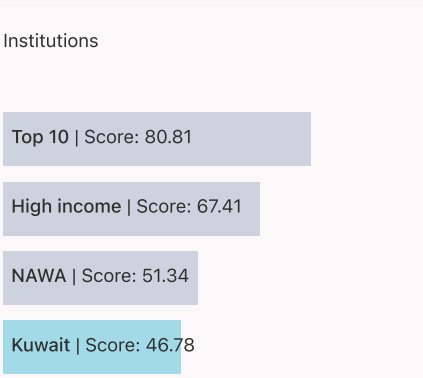
The charts shows the relative position of Kuwait (blue bar) against other economy groupings (grey bars), for each of the seven areas of the GII Index.

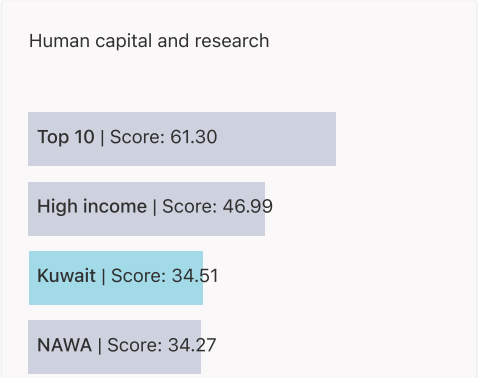
### High-Income economies

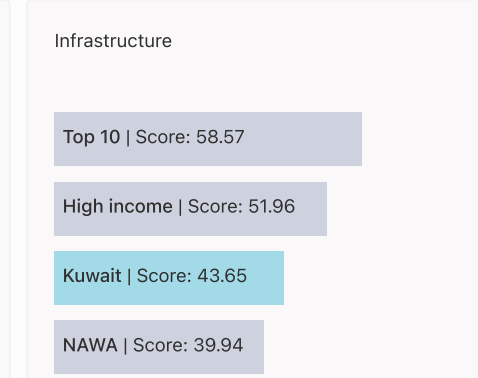
Kuwait performs below the high-income group average in all pillars.

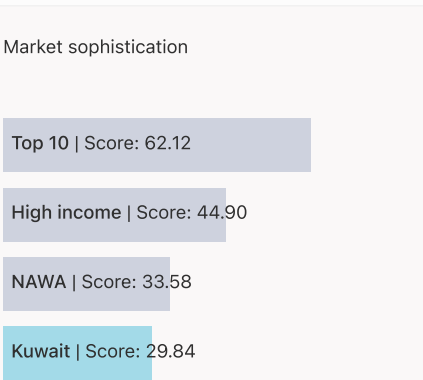
### Northern Africa And Western Asia

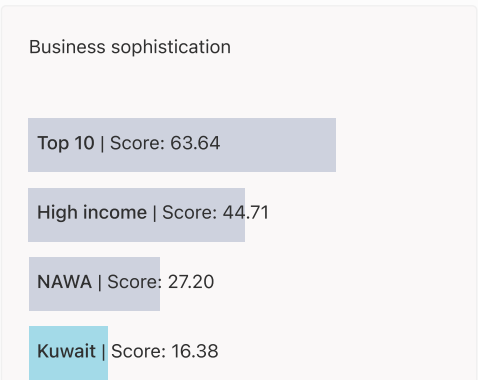
Kuwait performs above the regional average in Human capital and research, Infrastructure.

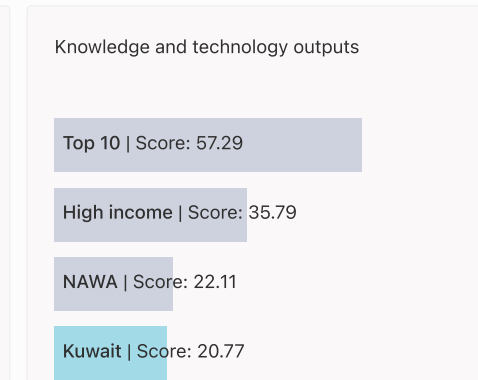


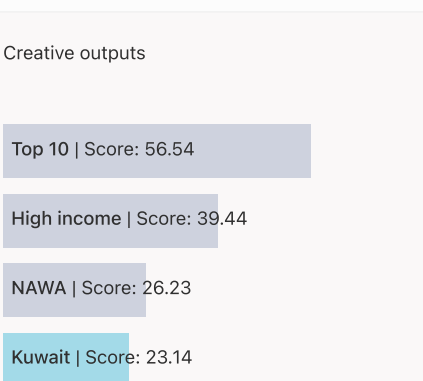



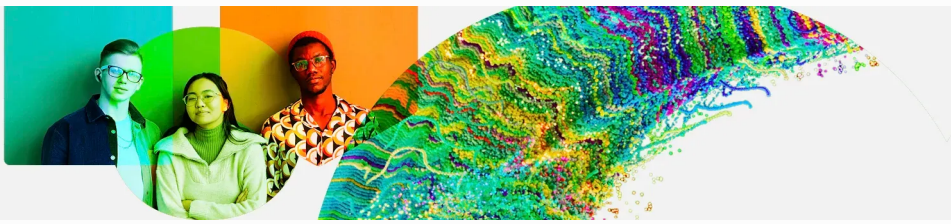



Global Innovation Index 2024



## Innovation strengths and weaknesses in Kuwait

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

Kuwait's main innovation strengths are **ICT access*** (rank 1), **ICT use*** (rank 1) and **Electricity output, GWh/mn pop.** (rank 5).

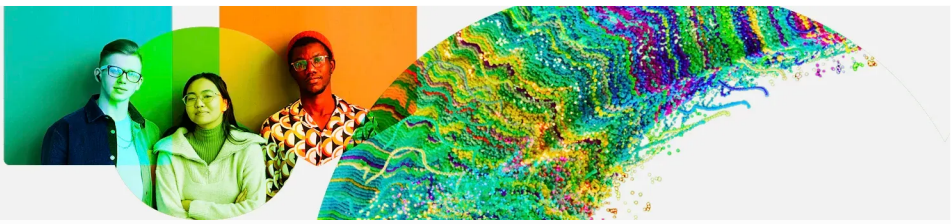
Strengths

| Rank | Code | Indicator name |
|---|---|---|
| 1 | 3.1.1 | ICT access* |
| 1 | 3.1.2 | ICT use* |
| 5 | 3.2.1 | Electricity output, GWh/mn pop. |
| 17 | 7.1.3 | Global brand value, top 5,000, % GDP |
| 18 | 6.3.4 | ICT services exports, % total trade |
| 20 | 4.2.1 | Market capitalization, % GDP |
| 22 | 6.2.3 | Software spending, % GDP |
| 27 | 4.1.2 | Domestic credit to private sector, % GDP |
| 44 | 5.2.3 | State of cluster development† |

Weaknesses

| Rank | Code | Indicator name |
|---|---|---|
| 131 | 5.3.3 | ICT services imports, % total trade |
| 127 | 3.3.2 | Low-carbon energy use, % |
| 121 | 5.3.1 | Intellectual property payments, % total trade |
| 120 | 3.3.1 | GDP/unit of energy use |
| 115 | 3.2.3 | Gross capital formation, % GDP |
| 105 | 4.3.2 | Domestic industry diversification |
| 105 | 2.3.2 | Gross expenditure on R&D, % GDP |
| 49 | 6.2.2 | Unicorn valuation, % GDP |
| 41 | 2.3.3 | Global corporate R&D investors, top 3, mn USD |

# Global Innovation Index 2024



## Kuwait's innovation system

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

### Innovation inputs in Kuwait


2.3.1 **Researchers**

was equal to 181.98 FTE per million population in 2022, up by 9.74% from the year prior – and equivalent to an indicator rank of 85.


2.3.2 **Gross expenditure on R&D**

was equal to 0.08 % GDP in 2022, down by 0.11 percentage points from the year prior – and equivalent to an indicator rank of 105.


2.3.4 **QS university ranking**

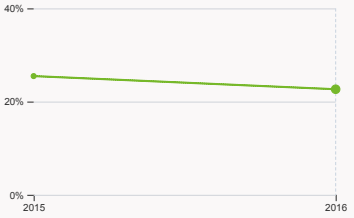
was equal to an average score of 14.33 for the top three universities in 2023, up by 44.31% from the year prior – and equivalent to an indicator rank of 60.


4.2.4 **VC received, value**

was equal to 182 thousand USD in 2023, up by 3576.77% from the year prior – and equivalent to an indicator rank of 63.


4.3.2 **Domestic industry diversification**

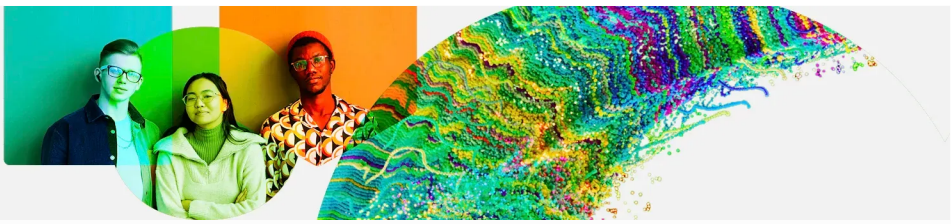
was equal to an index score of 0.4 in 2019, down by 7.18% from the year prior – and equivalent to an indicator rank of 105.




5.1.1 **Knowledge-intensive employment**

was equal to 22.65 % in 2016, down by 2.82 percentage points from the year prior – and equivalent to an indicator rank of 65.

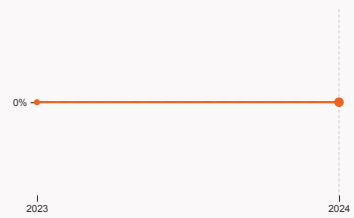
# Global Innovation Index 2024



## Innovation outputs in Kuwait


### 6.1.1 Patents by origin

was equal to 15 patents in 2018, down by 21.05% from the year prior – and equivalent to an indicator rank of 113.




### 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

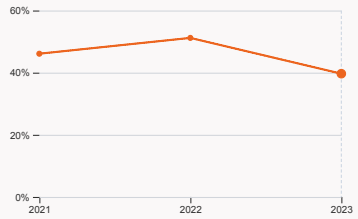
was equal to 20.87 % of total manufacturing output in 2019, down by 0.94 percentage points from the year prior – and equivalent to an indicator rank of 59.


### 6.3.2 Production and export complexity

was equal to a score of 0.13 in 2021, down by 27.78% from the year prior – and equivalent to an indicator rank of 55.

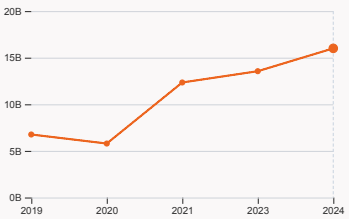

### 6.3.3 High-tech exports

was equal to 170.61 million USD in 2022, up by 10.79% from the year prior – and equivalent to an indicator rank of 111.



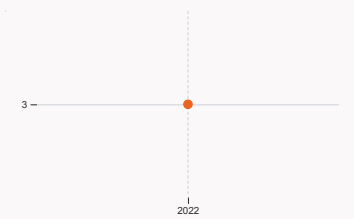

### 7.1.1 Intangible asset intensity

was equal to 39.67 % for the top 15 companies in 2023, down by 11.52 percentage points from the year prior – and equivalent to an indicator rank of 62.



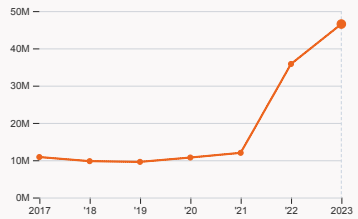

### 7.1.3 Global brand value

was equal to 16 billion USD for the brands in the top 5,000 in 2024, up by 18.08% from the year prior – and equivalent to an indicator rank of 17.



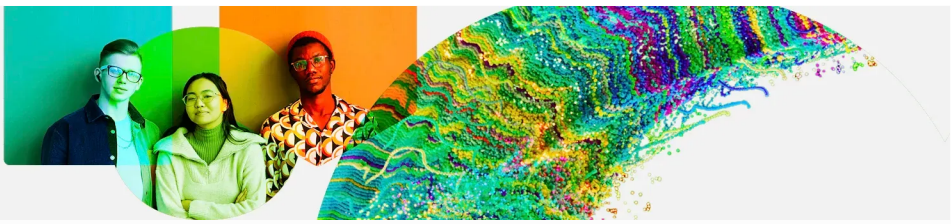

### 7.2.2 National feature films

was equal to 3 films in 2022 – and equivalent to an indicator rank of 71.




### 7.3.3 Mobile app creation

was equal to 46.52 million global downloads of mobile apps in 2023, up by 29.91% from the year prior – and equivalent to an indicator rank of 67.



# Kuwait's innovation top performers

## 2.3.4 QS university ranking of Kuwait's top universities

| Rank | University | Score |
|---|---|---|
| 671-680 | AMERICAN UNIVERSITY OF THE MIDDLE EAST | 17.30 |
| 851-900 | GULF UNIVERSITY FOR SCIENCE AND TECHNOLOGY | 12.90 |
| 851-900 | KUWAIT UNIVERSITY | 12.80 |

Source: QS Quacquarelli Symonds Ltd (https://www.topuniversities.com/university-rankings/world-university-rankings/2023).
Note: QS Quacquarelli Symonds Ltd annually assesses over 1,200 universities across the globe and scores them between [0,100].
Ranks can represent a single value "x", a tie "x=" or a range "x-y".

## 7.1.1 Top 15 intangible-asset intensive companies in Kuwait

| Rank | Firm | Intensity, % |
|---|---|---|
| 1 | KUWAIT FINANCE HOUSE K.S.C.P. | 53.85 |
| 2 | NATIONAL BANK OF KUWAIT S.A.K.P. | 37.80 |
| 3 | MABANEE COMPANY K.P.S.C. | 35.03 |

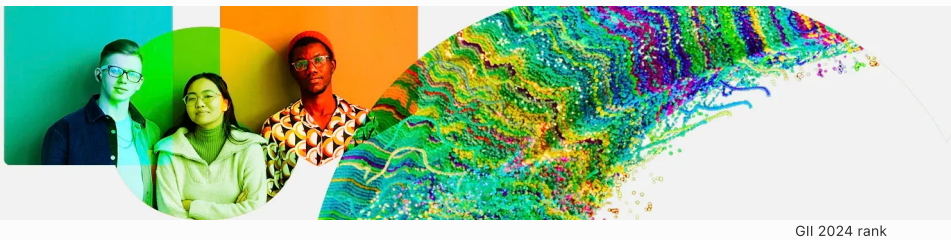
Source: Brand Finance (https://brandirectory.com/reports/gift-2022).
Note: Brand Finance only provides within economy ranks.

## 7.1.3 Top 5,000 companies in Kuwait with highest global brand value

| Rank | Brand | Industry | Brand Value, mn USD |
|---|---|---|---|
| 1 | KPC | Oil & Gas | 4,417.9 |
| 2 | ZAIN | Telecoms | 3,036.9 |
| 3 | KOC | Oil & Gas | 2,015.5 |

Source: Brand Finance (https://brandirectory.com).
Note: Rank corresponds to within economy ranks.

# Global Innovation Index 2024



# Kuwait

GII 2024 rank **71**

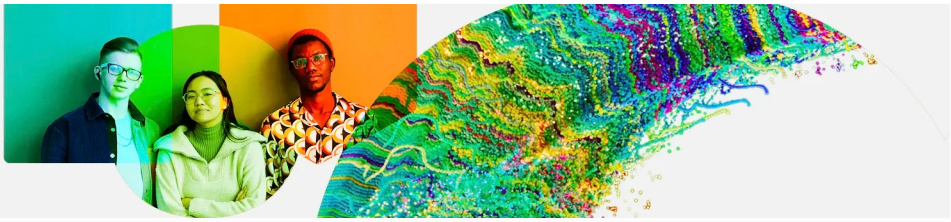
| Output rank | Input rank | Income | Region | Population (mn) | GDP, PPP$ (bn) | GDP per capita, PPP$ |
|---|---|---|---|---|---|---|
| 68 | 70 | High | NAWA | 4.8 | 256.6 | 51,764.8 |

| | Score / Value | Rank | |
|---|---|---|---|
| **Institutions** | **46.8** | **66** | ◇ |
| **1.1 Institutional environment** | **53.5** | **67** | ◇ |
| 1.1.1 Operational stability for businesses* | 60 | 70 | ◇ |
| 1.1.2 Government effectiveness* | 46.9 | 60 | ◇ |
| **1.2 Regulatory environment** | **49.6** | **55** | ◇ |
| 1.2.1 Regulatory quality* | 47.4 | 58 | ◇ |
| 1.2.2 Rule of law* | 51.9 | 55 | ◇ |
| **1.3 Business environment** | **37.3** | **86** | |
| 1.3.1 Policy stability for doing business† | 47.2 | 69 | |
| 1.3.2 Entrepreneurship policies and culture† | 27.3 | 57 | |
| **Human capital and research** | **34.5** | **[53]** | |
| **2.1 Education** | **59.9** | **[37]** | |
| 2.1.1 Expenditure on education, % GDP | n/a | n/a | |
| 2.1.2 Government funding/pupil, secondary, % GDP/cap | 17.9 | 59 | |
| 2.1.3 School life expectancy, years | 14.7 | 54 | |
| 2.1.4 PISA scales in reading, maths and science | n/a | n/a | |
| 2.1.5 Pupil–teacher ratio, secondary | 7.6 | 6 | |
| **2.2 Tertiary education** | **39.3** | **[42]** | |
| 2.2.1 Tertiary enrolment, % gross | 61.6 | 53 | |
| 2.2.2 Graduates in science and engineering, % | n/a | n/a | |
| 2.2.3 Tertiary inbound mobility, % | n/a | n/a | |
| **2.3 Research and development (R&D)** | **4.3** | **78** | ◇ |
| 2.3.1 Researchers, FTE/mn pop. | 182 | 85 | ◇ |
| 2.3.2 Gross expenditure on R&D, % GDP | 0.08 | 105 | ○ ◇ |
| 2.3.3 Global corporate R&D investors, top 3, mn USD | 0 | 41 | ○ ◇ |
| 2.3.4 QS university ranking, top 3* | 14.5 | 60 | |
| **Infrastructure** | **43.6** | **60** | ◇ |
| **3.1 Information and communication technologies (ICTs)** | **80** | **44** | ● ◆ |
| 3.1.1 ICT access* | 100 | 1 | ● ◆ |
| 3.1.2 ICT use* | 100 | 1 | ● ◆ |
| 3.1.3 Government's online service* | 66.5 | 66 | ◇ |
| 3.1.4 E-participation* | 53.5 | 67 | |
| **3.2 General infrastructure** | **44.1** | **31** | ● ◆ |
| 3.2.1 Electricity output, GWh/mn pop. | 19,007.1 | 5 | ● ◆ |
| 3.2.2 Logistics performance* | 50 | 50 | ◇ |
| 3.2.3 Gross capital formation, % GDP | 17.5 | 115 | ○ ◇ |
| **3.3 Ecological sustainability** | **6.8** | **120** | ◇ |
| 3.3.1 GDP/unit of energy use | 4.7 | 120 | ○ ◇ |
| 3.3.2 Low-carbon energy use, % | 0.1 | 127 | ○ ◇ |
| 3.3.3 ISO 14001 environment/bn PPP$ GDP | 1.8 | 55 | |
| **Market sophistication** | **29.8** | **76** | ◇ |
| **4.1 Credit** | **41.9** | **35** | ● ◆ |
| 4.1.1 Finance for startups and scaleups† | 49.8 | 40 | |
| 4.1.2 Domestic credit to private sector, % GDP | 95.1 | 27 | ● ◆ |
| 4.1.3 Loans from microfinance institutions, % GDP | n/a | n/a | |
| **4.2 Investment** | **11** | **57** | |
| 4.2.1 Market capitalization, % GDP | 95.5 | 20 | ● ◆ |
| 4.2.2 Venture capital (VC) investors, deals/bn PPP$ GDP | 0.06 | 58 | |
| 4.2.3 VC recipients, deals/bn PPP$ GDP | 0.01 | 97 | ◇ |
| 4.2.4 VC received, value, % GDP | 0.0005 | 63 | |
| **4.3 Trade, diversification and market scale** | **36.6** | **107** | ◇ |
| 4.3.1 Applied tariff rate, weighted avg., % | 3.4 | 84 | |
| 4.3.2 Domestic industry diversification | 31.6 | 105 | ○ ◇ |
| 4.3.3 Domestic market scale, bn PPP$ | 256.6 | 65 | |

| | Score / Value | Rank | |
|---|---|---|---|
| **Business sophistication** | **16.4** | **120** | ◇ |
| **5.1 Knowledge workers** | **16.8** | **[111]** | |
| 5.1.1 Knowledge-intensive employment, % | 22.7 | 65 | |
| 5.1.2 Firms offering formal training, % | n/a | n/a | |
| 5.1.3 GERD performed by business, % GDP | n/a | n/a | |
| 5.1.4 GERD financed by business, % | 1 | 92 | |
| 5.1.5 Females employed w/advanced degrees, % | n/a | n/a | |
| **5.2 Innovation linkages** | **20.9** | **81** | ◇ |
| 5.2.1 Public Research-Industry co-publications, % | 1.3 | 78 | |
| 5.2.2 University-industry R&D collaboration† | 23.6 | 110 | ◇ |
| 5.2.3 State of cluster development† | 57.4 | 44 | ● ◆ |
| 5.2.4 Joint venture/strategic alliance deals/bn PPP$ GDP | 0.02 | 49 | |
| 5.2.5 Patent families/bn PPP$ GDP | 0.005 | 99 | ◇ |
| **5.3 Knowledge absorption** | **11.5** | **133** | ○ ◇ |
| 5.3.1 Intellectual property payments, % total trade | 0 | 121 | ○ ◇ |
| 5.3.2 High-tech imports, % total trade | 4.7 | 111 | |
| 5.3.3 ICT services imports, % total trade | 0.1 | 131 | ○ ◇ |
| 5.3.4 FDI net inflows, % GDP | -0.1 | 120 | |
| 5.3.5 Research talent, % in businesses | n/a | n/a | |
| **Knowledge and technology outputs** | **20.8** | **67** | ◇ |
| **6.1 Knowledge creation** | **6.4** | **105** | ◇ |
| 6.1.1 Patents by origin/bn PPP$ GDP | 0.07 | 113 | ◇ |
| 6.1.2 PCT patents by origin/bn PPP$ GDP | 0.004 | 97 | |
| 6.1.3 Utility models by origin/bn PPP$ GDP | - | - | |
| 6.1.4 Scientific and technical articles/bn PPP$ GDP | 7.4 | 87 | ◇ |
| 6.1.5 Citable documents H-index | 9.1 | 84 | ◇ |
| **6.2 Knowledge impact** | **30.1** | **54** | |
| 6.2.1 Labor productivity growth, % | 0.3 | 82 | |
| 6.2.2 Unicorn valuation, % GDP | 0 | 49 | ○ ◇ |
| 6.2.3 Software spending, % GDP | 0.5 | 22 | ● ◆ |
| 6.2.4 High-tech manufacturing, % | 20.9 | 59 | |
| **6.3 Knowledge diffusion** | **25.8** | **51** | |
| 6.3.1 Intellectual property receipts, % total trade | n/a | n/a | |
| 6.3.2 Production and export complexity | 46.4 | 55 | ◇ |
| 6.3.3 High-tech exports, % total trade | 0.2 | 111 | ◇ |
| 6.3.4 ICT services exports, % total trade | 5.6 | 18 | ● ◆ |
| 6.3.5 ISO 9001 quality/bn PPP$ GDP | 3.4 | 73 | |
| **Creative outputs** | **23.1** | **69** | ◇ |
| **7.1 Intangible assets** | **31.6** | **57** | |
| 7.1.1 Intangible asset intensity, top 15, % | 39.7 | 62 | |
| 7.1.2 Trademarks by origin/bn PPP$ GDP | 19.4 | 90 | |
| 7.1.3 Global brand value, top 5,000, % GDP | 9.6 | 17 | ● ◆ |
| 7.1.4 Industrial designs by origin/bn PPP$ GDP | 0.06 | 116 | |
| **7.2 Creative goods and services** | **5.9** | **92** | ◇ |
| 7.2.1 Cultural and creative services exports, % total trade | n/a | n/a | |
| 7.2.2 National feature films/mn pop. 15–69 | 0.8 | 71 | ◇ |
| 7.2.3 Entertainment and media market/th pop. 15–69 | 11.2 | 33 | ◇ |
| 7.2.4 Creative goods exports, % total trade | 0.1 | 94 | |
| **7.3 Online creativity** | **23.4** | **79** | ◇ |
| 7.3.1 Top-level domains (TLDs)/th pop. 15–69 | 2.7 | 73 | ◇ |
| 7.3.2 GitHub commits/mn pop. 15–69 | 1.9 | 104 | ◇ |
| 7.3.3 Mobile app creation/bn PPP$ GDP | 65.5 | 67 | |

NOTES: ● indicates a strength; ○ a weakness; ◆ an income group strength; ◇ an income group weakness; * an index; † a survey question, 🕓 that the economy's data is outdated. Square brackets [ ] indicate the the data minimum coverage (DMC) requirements were not met at the sub-pillar or pillar level; n/a represents missing values; a dash - indicates an indicator which is not relevant to this economy and thus not considered for DMC thresholds.

# Global Innovation Index 2024



## Data availability

The following tables list indicators that are either missing or outdated for Kuwait.

Kuwait has missing data for twelve indicators and outdated data for fourteen indicators.

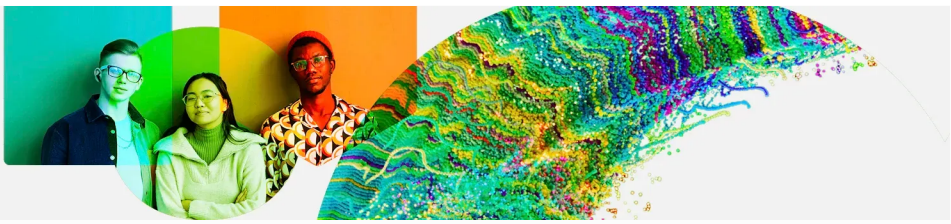
### Missing data for Kuwait

| Code | Indicator name | Economy Year | Model Year | Source |
|---|---|---|---|---|
| 2.1.1 | Expenditure on education, % GDP | n/a | 2022 | UNESCO Institute for Statistics |
| 2.1.4 | PISA scales in reading, maths and science | n/a | 2022 | OECD, PISA |
| 2.2.2 | Graduates in science and engineering, % | n/a | 2021 | UNESCO Institute for Statistics; Eurostat; OECD |
| 2.2.3 | Tertiary inbound mobility, % | n/a | 2022 | UNESCO Institute for Statistics |
| 4.1.3 | Loans from microfinance institutions, % GDP | n/a | 2022 | International Monetary Fund, Financial Access Survey (FAS) |
| 5.1.2 | Firms offering formal training, % | n/a | 2023 | World Bank Enterprise Surveys |
| 5.1.3 | GERD performed by business, % GDP | n/a | 2022 | UNESCO Institute for Statistics; Eurostat; OECD; RICYT |
| 5.1.5 | Females employed w/advanced degrees, % | n/a | 2023 | International Labour Organization |
| 5.3.5 | Research talent, % in businesses | n/a | 2022 | UNESCO Institute for Statistics; Eurostat; OECD; RICYT |
| 6.1.3 | Utility models by origin/bn PPP$ GDP | n/a | 2022 | World Intellectual Property Organization; International Monetary Fund |
| 6.3.1 | Intellectual property receipts, % total trade | n/a | 2022 | World Trade Organization Global Services Trade Data Hub |
| 7.2.1 | Cultural and creative services exports, % total trade | n/a | 2022 | World Trade Organization Global Services Trade Data Hub |

### Outdated data for Kuwait

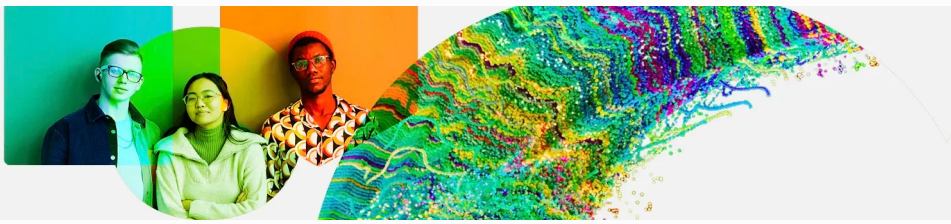
| Code | Indicator name | Economy Year | Model Year | Source |
|---|---|---|---|---|
| 1.3.2 | Entrepreneurship policies and culture† | 2020 | 2023 | Global Entrepreneurship Monitor |
| 2.1.2 | Government funding/pupil, secondary, % GDP/cap | 2014 | 2020 | UNESCO Institute for Statistics |
| 2.1.3 | School life expectancy, years | 2015 | 2022 | UNESCO Institute for Statistics |
| 2.1.5 | Pupil–teacher ratio, secondary | 2015 | 2022 | UNESCO Institute for Statistics |
| 2.2.1 | Tertiary enrolment, % gross | 2021 | 2022 | UNESCO Institute for Statistics |

# Global Innovation Index 2024



| Code | Indicator name | Economy Year | Model Year | Source |
|---|---|---|---|---|
| 3.2.1 | Electricity output, GWh/mn pop. | 2021 | 2022 | International Energy Agency |
| 4.1.1 | Finance for startups and scaleups† | 2020 | 2023 | Global Entrepreneurship Monitor |
| 4.1.2 | Domestic credit to private sector, % GDP | 2019 | 2022 | International Monetary Fund; World Bank and OECD GDP estimates. |
| 4.3.1 | Applied tariff rate, weighted avg., % | 2021 | 2022 | World Trade Organization |
| 4.3.2 | Domestic industry diversification | 2019 | 2021 | United Nations Industrial Development Organization (UNIDO), Industrial Statistics Database (INDSTAT) Rev.3 and 4 |
| 5.1.1 | Knowledge-intensive employment, % | 2016 | 2022 | International Labour Organization |
| 5.1.4 | GERD financed by business, % | 2014 | 2021 | UNESCO Institute for Statistics; Eurostat; OECD; RICYT |
| 6.1.1 | Patents by origin/bn PPP$ GDP | 2018 | 2022 | World Intellectual Property Organization; International Monetary Fund |
| 6.2.4 | High-tech manufacturing, % | 2019 | 2021 | United Nations Industrial Development Organization |

# Global Innovation Index 2024



## 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.


Source: Global Innovation Index Database, WIPO, 2024.

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.