

A large, circular network diagram composed of numerous small grey dots connected by thin grey lines. Some dots are highlighted in red, orange, and yellow, creating a complex web-like structure that frames the central text.

World Future Skills Index

Spain Spotlight

**Transforming higher education
for the skills economy**



Higher education’s role in future workforce readiness

Welcome to the Spain Spotlight on the QS World Future Skills Index, where we explore higher education’s critical role in shaping the workforce of tomorrow. This tailored resource empowers you to analyse Spain’s future skills supply and demand, benchmark key industry jobs and skills gaps against over 80 countries, and align your higher education system with the skills training required for economic transformation.

By 2030, an estimated 375 million workers will need to switch occupational categories, requiring tailored reskilling initiatives and modular, lifelong learning opportunities.

Source: Jobs Lost, Jobs Gained report from McKinsey

The QS World Future Skills Index in numbers

190+
countries analysed

4
indicators, informed by
13 sub-indicators

280m+
job postings assessed

5m+
employer skill demands reviewed

5,000+
universities measured

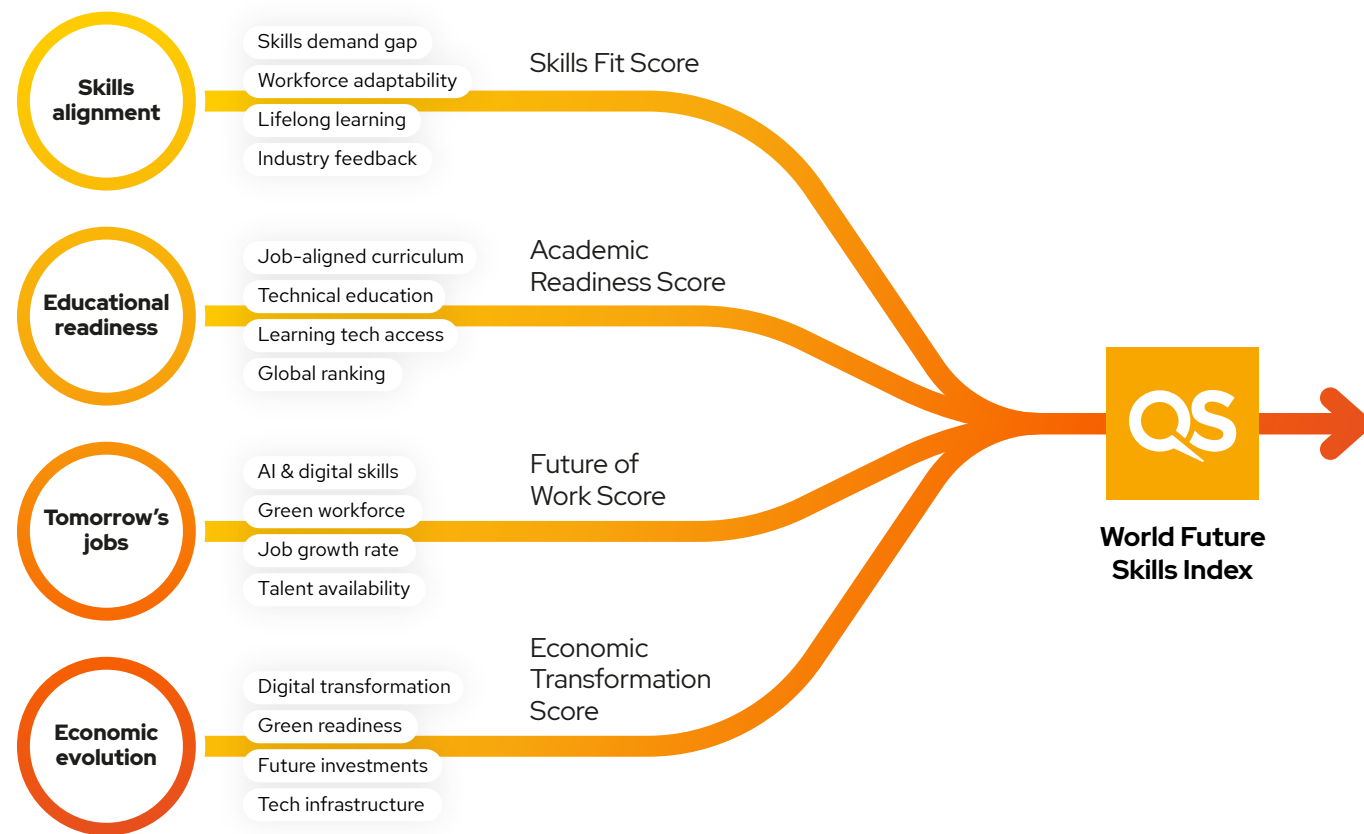
17.5m+
research papers examined

How to use the QS World Future Skills Index



The QS World Future Skills Index is designed to assess how prepared countries are to tackle the shifting demands of the global workforce, particularly in the context of digital transformation, AI, sustainability, and the broader economic changes impacting jobs.

Skills like AI proficiency, digital literacy, and environmental sustainability will form the bedrock of the industries of tomorrow. Countries that fail to adapt risk losing their competitive edge and missing opportunities for economic growth.



The QS World Future Skills Index uses data from over 280 million job postings via QS IMentor, the QS Global Employer Survey, and economic and demographic statistics from the World Bank Group. The Index assesses countries across four

key indicators: Skills Fit, Academic Readiness, Future of Work, and Economic Transformation. Each indicator plays a vital role in providing a comprehensive view of a country's preparedness to thrive in an increasingly skills-driven global economy.

QS World Future Skills Index indicators

Skills Fit

The Skills Fit indicator measures how well countries are equipping graduates with the skills that employers desire. This is assessed by determining the gap between what employers find important and their level of satisfaction with the skills provided by graduates.

This is done using data from the QS Global Employer Survey, the largest of its kind, and data from the World Bank Group. Since 2021, over 100,000 employers have rated the importance of certain skills and their satisfaction in their graduate hires.

Future of Work

The Future of Work indicator evaluates a country's readiness to recruit for the skills needed in the jobs of tomorrow. Specifically, it measures how well the job market is prepared to meet the growing

demand for digital, AI, and green skills, all of which are becoming critical as economies transition towards technology-driven and sustainable industries.

Academic Readiness

This dimension measures how well a country is prepared for the future of work. We look at the number of universities assessed for the QS World University Rankings by Subject, and how they perform.

We then measure this in tandem with population size – if a country has a large population but few well-ranked institutions, for example, the country will be penalised.

Economic Transformation

Economic Transformation uses a weighted formula to assess a country's readiness to support the growth and future of work and skills by examining various key indicators. The Index highlights whether a country has the infrastructure, investment power,

and talent available to transition to industries driven by AI, digital transformation, green technologies, and high-skilled work, using data from the World Bank Group, UNESCO Institute for Statistics and the Education Policy Institute.

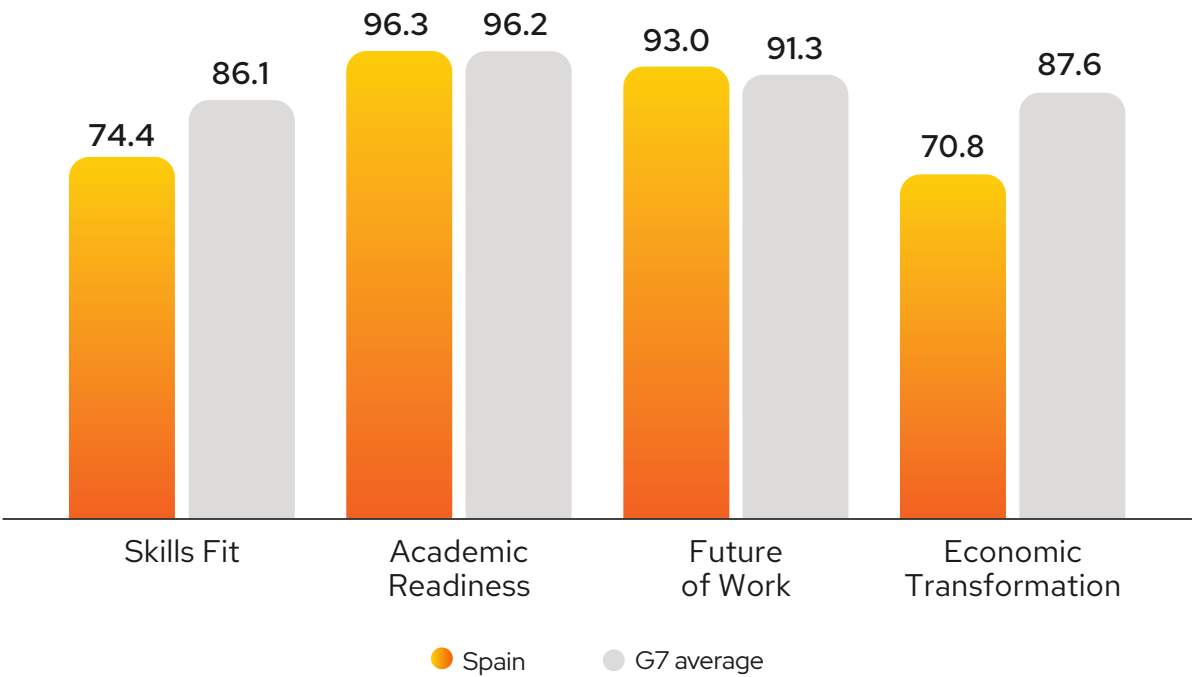
Spain | Performance overview

Spain's economy is on an upward trajectory, with strong potential for future skills adoption. While Economic Transformation (70.8) suggests structural challenges, this is common across Europe. However, its high Future of Work score (93.0) signals growing employer demand for AI and Green skills, where Spain outperforms many European peers. Universities have strengthened research excellence in AI, Digital, and Green fields,

yet a gap remains between research capability and how well students develop these skills. This misalignment risks widening the gap between industry needs and graduate readiness. Without stronger industry-academia collaboration and applied learning, Spain may struggle to ensure that its graduates can fully meet evolving labour market demands.

Overall score: **84.1/100**

QS World Future Skills Index
Spain performance vs G7 average



Skills Fit
76.4/100

Skills Fit measures the alignment between workforce skills and employer needs. It highlights how effectively education systems prepare graduates for key industries, especially in emerging fields like AI, green technology, and digital innovation. Addressing gaps here boosts employability, drives economic transformation, and ensures the workforce remains competitive internationally.

Academic Readiness
96.3/100

Academic Readiness reflects the capacity of a country's higher education system to equip students with relevant skills for future jobs. A robust system fosters innovation, aligns curricula with industry demands. This ensures graduates are not only employable but also capable of adapting to a rapidly changing global economy

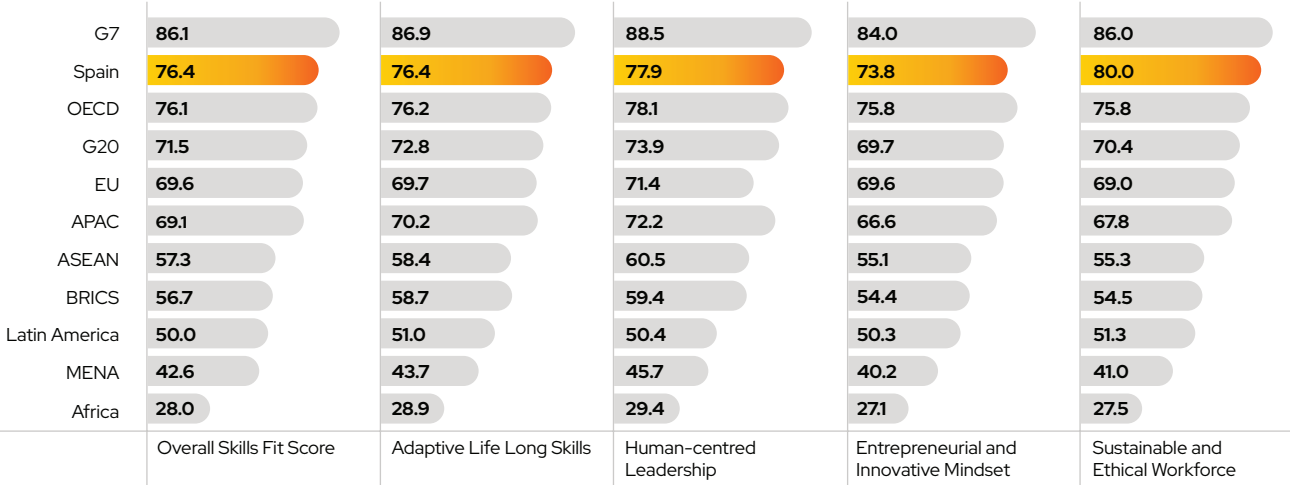
Future of Work
93.0/100

Future of Work assesses a country's preparedness for jobs of the future, focusing on adaptability to technological and industrial changes. It reflects innovation, R&D investments, and sustainable practices in education. Higher education plays a vital role in fostering a future-ready workforce equipped with the skills required for evolving global industries.

Economic Transformation
70.8/100

Economic Transformation examines the interplay between education, workforce skills, and industrial growth. Higher education underpins this by driving productivity, innovation, and sustainability. Universities that align their programmes with industry needs not only strengthen national competitiveness but also ensure a balance between economic momentum and workforce adaptability.

Skills Fit

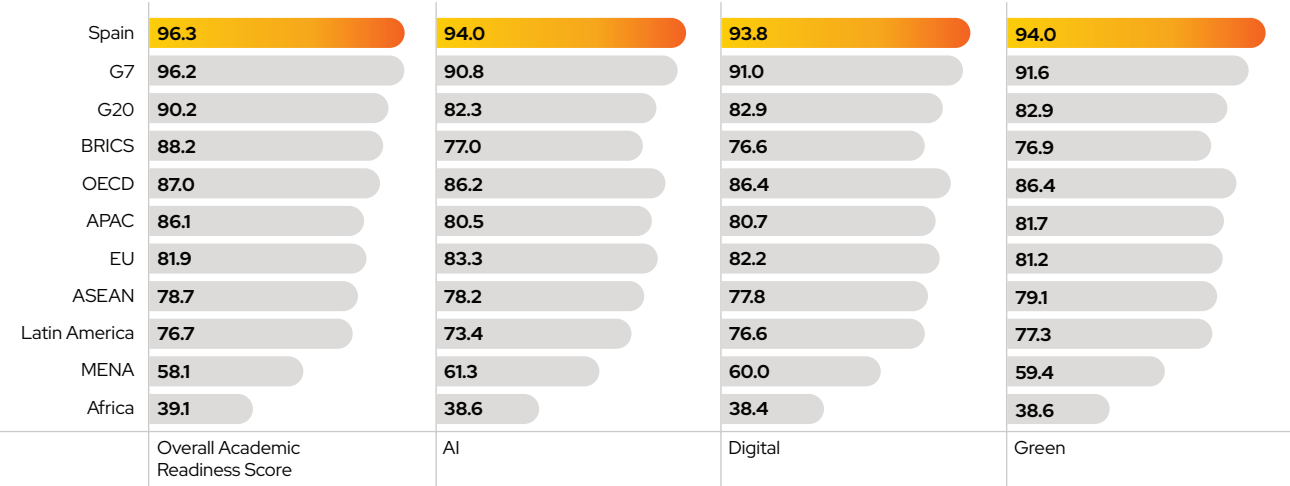


QS Analysis

Spain performs well in Skills Fit and most of its sub-indicators. These results suggest that Spanish graduates are adaptable, ethical, and capable of leadership. However, Entrepreneurial and Innovative Mindset is a weaker area, signalling that universities could better integrate entrepreneurship and innovation-focused learning into their curriculum. Employers increasingly value these skills. Stronger engagement between industry and academia could help bridge this gap.

Note: The Skills Fit score is derived from over 5 million skills nominations, reflecting insights from more than 100,000 employer responses to the QS Global Employer Survey over the past four years. Employers identified key skills they value and their satisfaction levels. By analysing this data at the country level, and integrating it with the World Bank's Human Capital Index, the QS Insights and Consulting team developed the final scores. Skills nominated by employers have been grouped based on the findings.

Academic Readiness

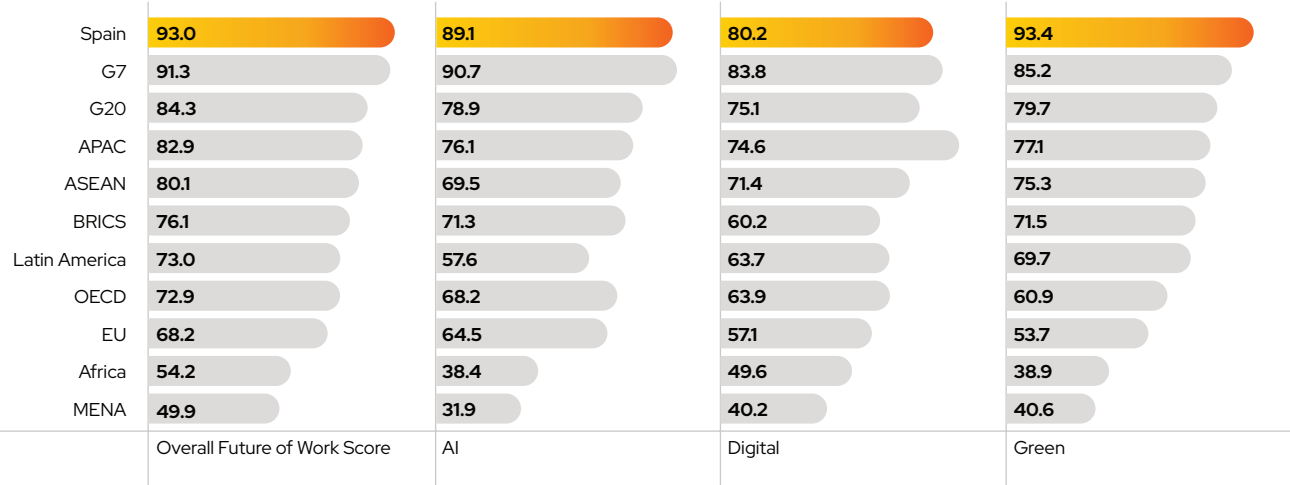


QS Analysis

Spain's universities are among the world's best in AI, Digital and Green skills, positioning their universities as leaders in future-focused subject areas. These scores highlight Spain's robust research ecosystem, with universities driving innovation in these fields. However, despite this foundation, there is a disconnect between academic excellence and Skills Fit. Spanish universities must ensure skills are truly relevant and translate to economic impact.

Note: This chart draws on data from the QS World University Rankings by Subject 2024, analysing over 5,000 universities globally. The Academic Readiness score is calculated using the median subject rankings score for each country, adjusted for performance in key areas such as AI, digital, and green-related disciplines. Population size and the number of universities ranked are used as weighting factors to ensure a balanced assessment of scale and quality. This provides a comprehensive view of how effectively higher education systems are preparing for future workforce demands.

Future of Work

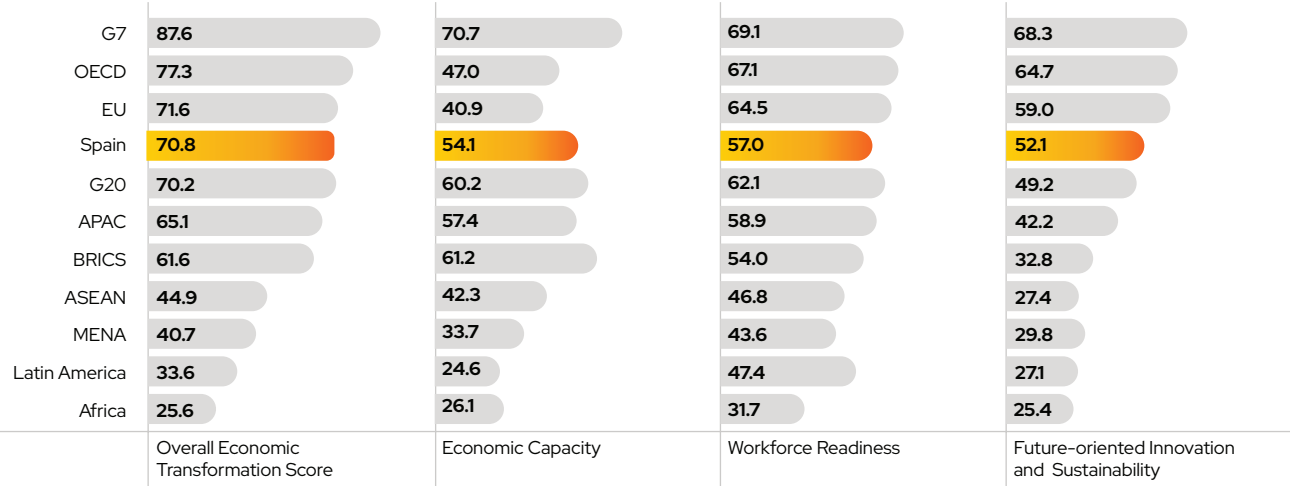


QS Analysis

Spain's Future of Work score (93.0) highlights strong employer demand for AI and Green skills. This reflects a concentration of innovation in workforce needs with companies actively seeking future-ready skills. However, despite this demand, job creation has not kept pace, limiting opportunities for highly skilled graduates. To retain talent and ensure graduates remain in Spain, the country must stimulate job growth in high value sectors through R&D investment.

Note: The Future of Work Score measures the extent to which future-focused skills—such as digital, AI, and green competencies—have permeated global job advertisements compared to traditional skillsets. This score is derived from an analysis of over 280 million job postings worldwide, leveraging the QS proprietary skills taxonomy. Over 9,500 emerging skills were identified and benchmarked against conventional skills, providing a clear indicator of how deeply future-oriented capabilities are being prioritised by employers in the global labour market.

Economic Transformation



QS Analysis

Spain's economy is on an upward trajectory, but its Economic Transformation score suggests that high-value job creation is not keeping pace with its skilled graduate output. Spain's AI and Green skills are in high demand but low Economic Capacity (54.1) could limit opportunities in knowledge-driven industries. Workforce Readiness (57.0) indicates that employers are struggling to integrate future-focused skills into business operations. Low Future-Oriented Innovation & Sustainability scores also shows universities are not yet translating academic excellence into widespread economic impact.

Note: The Economic Transformation indicator is built on three core dimensions: Economic Capacity, Workforce Readiness, and Future-Oriented Innovation and Sustainability. It combines data on GDP growth, labour productivity, employment rates, R&D investment, and infrastructure development. These indicators are weighted and benchmarked globally to assess a country's ability to adapt to skills-driven industrial change, with a focus on AI, digital, and green industries. The methodology ensures a comprehensive view of how effectively economic fundamentals and future-focused investments align with evolving workforce demands.



Note: The scores reflect the final results of the QS World Future Skills Index. Categories are organised alphabetically by economy for clarity and ease of comparison.

Country/Location	Skills Fit	Academic Readiness	Future Of Work	Economic Transformation	Final Score
United States	94.4	98.2	100.0	97.9	97.6
United Kingdom	100.0	100.0	95.6	92.7	97.1
Germany	89.2	99.6	94.7	94.7	94.6
Australia	87.2	98.9	96.5	90.6	93.3
Canada	90.9	97.8	97.4	78.1	91.0
Netherlands	88.6	99.3	90.4	81.2	89.9
Switzerland	80.7	97.1	82.6	96.8	89.3
France	84.8	92.6	91.3	84.3	88.2
Singapore	83.2	91.7	92.2	85.4	88.1
South Korea	84.4	88.4	76.5	100.0	87.3
China	78.5	93.9	87.8	88.5	87.2
Spain	76.4	96.3	93.0	70.8	84.1
Israel	70.6	93.0	73.0	98.9	83.9
Sweden	80.4	95.1	72.2	86.4	83.5
Japan	73.4	87.9	74.7	95.8	83.0
Belgium	72.4	95.9	71.3	91.6	82.8
Ireland	81.8	95.5	86.1	67.7	82.8
Denmark	73.0	96.7	66.1	93.7	82.4
Hong Kong SAR	77.0	98.6	69.5	80.2	81.3
Italy	70.3	97.4	85.2	69.7	80.7
Finland	76.1	93.4	62.6	87.5	79.9
New Zealand	75.6	94.7	80.0	63.5	78.5
Norway		94.3	56.5	83.3	78.0
Poland	68.5	85.3	86.9	68.7	77.3
India	59.1	89.9	99.1	58.3	76.6
Portugal	71.0	92.1	66.9	76.0	76.5
Czech Republic	72.4	77.5	82.6	71.8	76.1
Austria	66.5	90.8	64.3	82.2	75.9
United Arab Emirates	71.6	90.3	77.4	60.4	74.9

Country/Location	Skills Fit	Academic Readiness	Future Of Work	Economic Transformation	Final Score
Greece	62.3	85.9	65.2	72.9	71.6
Brazil	44.1	83.1	78.2	77.0	70.6
Malaysia	64.0	91.2	88.6	35.4	69.8
Thailand	58.1	81.4	80.8	52.0	68.1
Mexico	54.8	80.8	98.2	37.5	67.8
Lithuania	61.4	87.4	52.2	66.6	66.9
Hungary	59.3	84.2	68.6	54.1	66.6
Russia	73.4	84.8	33.8	73.9	66.5
Saudi Arabia	56.9	82.5	73.8	51.0	66.1
Türkiye	62.1	73.3	60.0	64.5	65.0
Colombia	58.3	82.0	89.5	27.0	64.2
Costa Rica		67.5	79.1	45.8	64.1
Argentina	57.8	83.7	84.3	23.9	62.4
Philippines	47.6	66.6	93.8	40.6	62.2
Estonia		70.1	53.0	61.4	61.5
Kazakhstan	67.8	75.5	40.8	59.3	60.9
Egypt	45.4	76.9	75.6	44.7	60.6
Indonesia	60.0	74.0	67.8	39.5	60.3
Lebanon	45.9	86.4	46.9		59.7
Chile	63.1	88.9	70.4	13.5	59.0
Qatar	45.5	79.5	59.1	47.9	58.0
Romania	43.0	72.5	58.2	48.9	55.7
Vietnam	58.1	74.7	57.4	31.2	55.4
Jordan	49.2	78.2	49.5	41.6	54.6
Slovenia		49.1	35.6	79.1	54.6
Bulgaria	37.6	56.0	61.7	57.2	53.1
Peru	51.0	80.1	54.7	26.0	53.0
Latvia	56.4	60.7	46.1	46.8	52.5
South Africa	28.3	89.4	81.7	10.4	52.4

Country/Location	Skills Fit	Academic Readiness	Future Of Work	Economic Transformation	Final Score
Bahrain	47.2	62.7	33.0	55.2	49.6
Ukraine	57.9	71.8	51.3	15.6	49.1
Bangladesh	39.1	65.7	42.6		49.1
Luxembourg		54.8	47.8	43.7	48.7
Kuwait	36.3	69.3	40.0		48.5
Belarus	57.6	40.4	29.5	65.6	48.3
Iceland		31.6	20.0	89.5	47.0
Pakistan	35.7	78.9	63.4	4.1	45.5
Croatia		36.4	35.6	62.5	44.8
Uruguay	40.6	59.5	60.8	17.7	44.7
Brunei Darussalam	29.8	70.9		30.2	43.6
Ecuador	30.6	64.8	41.7	34.3	42.8
Armenia	25.3		45.2	50.0	40.2
Uzbekistan	48.1	57.2	29.5	16.6	37.9
Cyprus	45.2	44.2	37.4	18.7	36.4
Azerbaijan	31.8	50.6	27.8	29.1	34.8
Oman	32.5	42.5	29.5	33.3	34.4
Panama	24.2		50.4	28.1	34.2
Sri Lanka	43.5		42.6	6.2	30.8
Morocco	17.0		53.8	20.8	30.5
Tunisia		29.0	37.4	19.7	28.7
Algeria	21.3		22.6	32.2	25.4
Tajikistan	16.7		26.9	21.8	21.8

*Where a country lacks an indicator score, this reflects insufficient data available to evaluate overall performance

Spain's economy is on an upward trajectory, with strong employer demand for AI and Green skills (Future of Work: 93.0). However, Economic Transformation (70.8) lags behind, signalling limited job creation in high-value industries. Spanish universities excel in AI, Digital, and Green research, yet a gap remains between research strength and graduate skill development. Without stronger industry-academia collaboration and policies to stimulate job growth, Spain risks widening its skills gap.

Our analysis and recommendations:

1

Universities as engines of job creation

Spain's higher education system has the potential to be a key driver of job creation, turning academic excellence into economic impact. By strengthening industry ties, expanding R&D investment, and embedding entrepreneurship into curricula, universities can fuel business growth and innovation. Expanding start-up incubation, spin-off companies, and applied research partnerships will allow graduates to create, rather than just seek, high-value jobs.

2

Driving future skills demand in the economy

Spain's high scores in Academic Readiness (96.3) and Future of Work (93.0) indicate a strong talent pipeline. To accelerate economic transformation (70.8), universities must act as catalysts for AI, Digital, and Green innovation. Enhanced R&D-commercialisation pathways, government-backed innovation zones, and stronger employer-university collaboration can ensure that graduates enter industries that are growing, not stagnating.

3

Strengthening university-employer collaboration on applied skills

With Workforce Readiness at 57.0, there is a major opportunity to strengthen applied learning. Expanding dual-degree programmes, industry-driven curricula, and university-led innovation hubs will ensure that graduates possess the skills to immediately impact the labour market. Stronger integration between academic research and industry needs will enhance both employability and business competitiveness.



Your future workforce and skills partner

Connecting higher education, government policy, employer demands and student needs

Speak to your QS partnership director to gain access to more insight and advice.

Assess economic risk

We can help you analyse skills supply and demand by industry or region to identify skills shortages

Access data on the industries, occupations and skills driving growth to set your labour market strategy

Address skills gaps

Benchmark your skills shortages against peer nations to assess your relative risk

Identify the countries providing the most skills-aligned talent for your high-growth industries to set a talent attraction strategy

Align higher education with future skills

Assess the top performing universities within your country or region to deliver future skills ready graduates

Establish a future skills strategy for higher education institutions within your country or region, and enhance curricula and learning modes to deliver the skills of tomorrow

Evaluate performance at the subject level to develop an internal benchmark and skills performance improvement strategy

1

Assess economic risks: Analyse supply and demand imbalances to identify skill shortages and develop strategies to safeguard your economy against workforce misalignment.

2

Address skills gaps: Benchmark job and skill requirements globally to ensure graduates are equipped to meet industry needs and strengthen economic resilience.

3

Align higher education with future skills: Transform higher education to embed future skills, ensuring graduates contribute to innovation, economic growth, and reduced workforce displacement.



Read the full QS World Future Skills Index briefing paper



QS can help you transform insights into policy and policy into action.

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