### A Universidade do Porto no Quacquareli Symonds

### - QS World University Rankings 2023/2024

Universidade do Porto, Reitoria Núcleo de Planeamento 29 de junho de 2023

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### A Universidade do Porto no Quacquareli Symonds – QS World University Rankings 2023/2024

http://www.topuniversities.com/qs-world-university-rankings

#### 1. Metodologia do QS WUR e participação da U.Porto

"The 20th edition of the QS World University Rankings features 1,500 institutions across 104 locations and is the only ranking of its kind to emphasise employability and sustainability.

This year, we've implemented our largest-ever methodological enhancement, introducing three new metrics: Sustainability, Employment Outcomes and International Research Network.

The results draw on the analysis of 17.5m academic papers and the expert opinions of over 240,000 academic faculty and employers. Massachusetts Institute of Technology celebrates twelve years at the top, the University of Cambridge retains 2nd place while the University of Oxford (3rd) climbs one position.

This 20th edition of our rankings comes at a time when priorities in higher education are evolving. QS sits in the privileged position of being a nexus point in the higher education sector – connected to millions of students, hundreds of thousands of academics and employers, and thousands of institutions worldwide.

We have seen the focus of these different stakeholder's shift in response to wider trends in education and society, and to reflect this collective intelligence in our QS performance insights, we have incorporated three new indicators into the QS World University Ranking.

#### Sustainability

Sustainability has become a touchpoint for global institutions as they come to realise their impact on the world, and students have come to expect institutions to tackle issues related to social and climate justice. The QS International Student Survey 2022 found that 80 percent of students think universities could do more for the environment. This is reflective of a wider trend of younger students who advocate strongly for social and environmental activism. We have recognised this call to action by adding a five percent weight Sustainability lens to our flagship world ranking, the first of the major rankings to do so to reflect the crucial role universities play in charting the course and driving change towards a more sustainable future.

#### **Employment outcomes**

We have also continued to strengthen our insight on employability and remain the only major ranking to enshrine the importance of employability in our methodology. To do this, we have boosted the weight of Employer Reputation to 15 percent and added Employment Outcomes at five percent.

#### International research network

Our third new metric, International Research Network, is another way of recognising the importance of research in changing the world. This metric specifically provides insight on how internationally connected an institution's research is as well as recognising the importance of collaborative research more broadly.

Read more on the QSIU Support blog."1

"The QS World University Rankings, the most comprehensive ranking of its kind, shines a light on the best institutions from across the world, supporting our mission of enabling motivated people anywhere in the world to fulfil their potential through educational achievement, international mobility, and career development.

<sup>&</sup>lt;sup>1</sup> Retirado de <u>https://www.topuniversities.com/qs-world-university-rankings/methodology</u> em 28 junho de 2023.

For this 20th edition, as planned, we have significantly evolved our methodology. These changes reflect the shifts in higher education that have occurred over the past two decades, such as the growing importance of sustainability, employability, and research collaborations. We have introduced three new indicators (see Table) and rebalanced the weights for other indicators. Sustainability, employability, and international research collaboration are the dimensions that are either reinforced or introduced for the first time. We did not make these changes lightly and believe that they reflect the collective intelligence of the sector, and the changing priorities of students. This evolution of our rankings helps students identify institutions that excel in the areas that matter to them.

Performances Lenses	2024 Edition Weights	Change from previous editions
Academic Reputation	30%	10% deducted
Employer Reputation	15%	5% added
Faculty Student Ratio	10%	10% deducted
Citations per Faculty	20%	No change
International Faculty Ratio	5%	No change
International Student Ratio	5%	No change
International Research Network	5%	New
Employment Outcomes	5%	New
Sustainability	5%	New

"2

Desde 2009, a Universidade do Porto disponibiliza ao QS a lista de empregadores e os dados relativos a estudantes, docentes/investigadores e propinas. De 2011 a 2016, disponibilizou as variantes de nome da Universidade no Scopus. Desde 2011, disponibiliza as listas de académicos.

Para esta edição, as listas de académicos e empregadores, os dados de estudantes (2021/2022) e académicos (2021) foram solicitados em novembro de 2022, reportados e validados pelo QS em fevereiro de 2023.

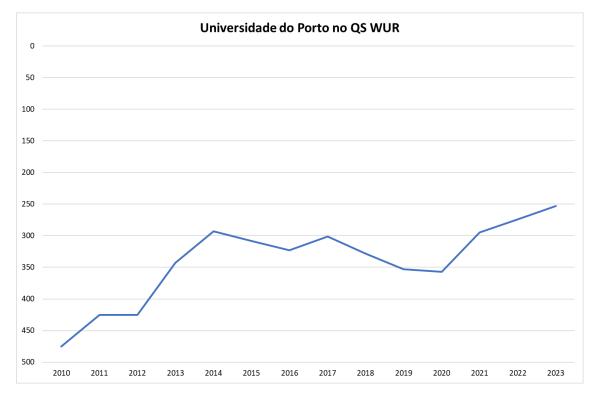
<sup>&</sup>lt;sup>2</sup> Retirado de <u>https://support.qs.com/hc/en-gb/articles/4405955370898-QS-World-University-Rankings-</u>em 28 junho de 2023.

#### 2. Evolução<sup>3</sup> das posições da U.Porto no QS World University Rankings

	# Mundo	# Europa	# Ibero América	# Portugal
2010	451-500	202	18	3
2011	401-450	185-203	19	2
2012	401-450	177-194	20	2
2013	343	157	20	1
2014	293	137	16	1
2015	308	138	17	1
2016	323	143	21	1
2017	301	134	18	1
2018	328	144	19	1
2019	353	161	22	2
2020	357	162	21	1=
2021	295	122	16	1
2022	274	112	16	1
2023	253	107	14	1

#### Universidade do Porto - posições

Gráfico 1: Evolução da posição da Universidade do Porto no QS WUR



<sup>&</sup>lt;sup>3</sup> Dados até 2013 retirados de "Evolução das posições da Universidade do Porto nos rankings universitários", jan. de 2014, *in* <u>https://sigarra.up.pt/up/pt/conteudos\_service.conteudos\_cont?pct\_id=20113&pv\_cod=55GoHdmanvlq</u>; dados de 2014 a 2023 retirados de <u>http://www.topuniversities.com/gs-world-university-rankings</u> respetivamente a 16 de setembro de 2014, 15 de setembro de 2015, 6 de setembro de 2016, 8 de junho de 2017, 7 de junho de 2018, 19 de junho de 2019, 10 de junho de 2020, 8 de junho de 2021, 8 de junho de 2022 e 28 e 29 de junho de 2023.

#### Quacquareli Symonds – QS World University Rankings– FACT FILE U.PORTO

#### Evolução de posições e scores

			SURVEY I	NDICES				DATA INDICES			
		OVERALL	Academic Reputation (40% $\rightarrow$ 30%)	Employer Reputation (10% → 15%)	Faculty Student (20% → 10%)	Citations per Faculty (20%)	International Faculty (5%)	International Students (5%)	Employment Outcomes (0% $\rightarrow$ 5%)	International research network -IRN (0% → 5%)	Sustainability (0% → 5%)
2011	Score	26,8	36,4	7,2	28,1	21,2	10	12,3			
2011	Rank	401-450	301+	301+	301+	301+	301+	301+			
2012	Score	31	39,6	27,2	27,4	27,1	10,7	12,8			
2012	Rank	401-450	288	301+	301+	301+	301+	301+			
2013	Score	37,3	50,1	41,1	25,8	33,8	10,5	10,9			
2013	Rank	343=	222	373	401+	362	401+	401+			
2014	Score	42	56,2	46,7	24,4	44,1	9	11,7			
2014	Rank	293	205	333	401+	305	401+	401+			
2045	Score	41,6	49,3	39,9	21,5	61,9	8,1	14,1			
2015	Rank	308	237	391	401+	210	401+	401+			
0040	Score	35,2	41,7	39,5	15	54,4	9,3	6,2			
2016	Rank	323	238	317	501+	200	501+	501+			
	Score	37,6	45,6	49,3	15,4	52,8	5,7	9			
2017	Rank	301=	220	238	401+	208	401+	401+			
0040	Score	32,2	36,9	25,5	17,1	52,9	6,2	9,5			
2018	Rank	328	212	381	601+	204	601+	601+			
0040	Score	30,9	37	24,2	16,1	47,4	5,5	12,7			
2019	Rank	353	224	387	601+	255	601+	601+			
	Score	30,2	37	22,5	14,1	44,8	5,3	18,1			
2020	Rank	357	226	411	601+	274	601+	570			
0004	Score	34,9	38,6	27,7	14,6	61,7	2,1	24,1			
2021	Rank	295	218	355	601+	188	601+	487			
	Score	37,1	40,7	23,8	12,8	71,4	7,4	21,3	55,4*	96*	
2022	Rank	274	206	404	601+	139	601+	523	211	41	
0000	Score	39	39,8	22,9	11,1	58,1	7,3	18,7	17,6	93,8	77,3
2023	Rank	253	214	414	701+	219	701+	564	473	60	167=

\* As pontuações dos indicadores Employment Outcomes e International Research Network disponibilizadas em 2022 não são comparáveis com as de 2023.

#### Universidade do Porto – evolução de scores

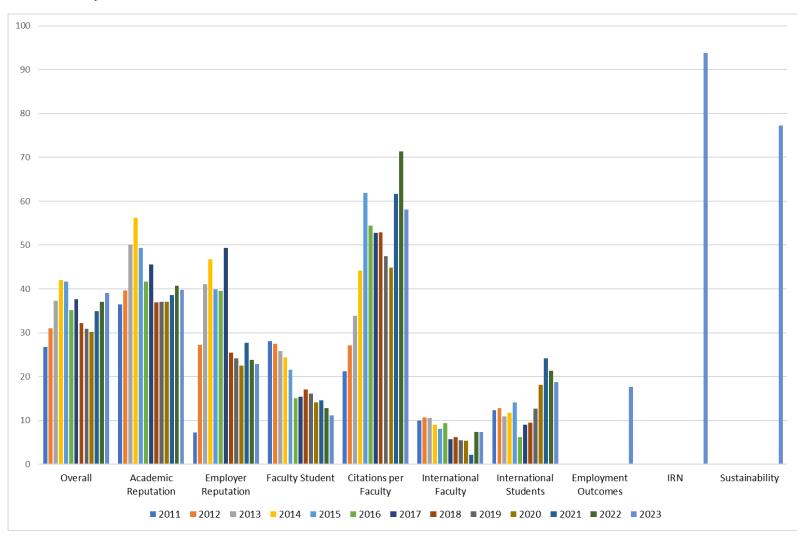


Gráfico 2: Evolução dos scores da Universidade do Porto no QS WUR

### 3. Universidades portuguesas no QS World University Rankings 2023/24

	# Mu	Indo	# Eu	ropa	# Ibero-	América	# Por	tugal
	2022	2023	2022	2023	2022	2023	2022	2023
Universidade do Porto	274	253	112	107	16	14	1	1
Universidade de Lisboa	335	266	141	111	20	15	2	2
Universidade de Aveiro	501-510	344	207-210	144	40	20	5	3
Universidade de Coimbra	438	351	187	148	30	23	4	4
Universidade Nova de Lisboa	369	400	159	168	24	26	3	5
Universidade do Minho	591-600	611-620	239-241	255-257	49	47	6	6
ISCTE-IUL	n/c	751-760		302-306		67-68		7
Universidade Católica Portuguesa	801-1000	901-950	307-386	356-371	82-111	86-92	7	8
#IES	1442	1497	484	501	228	235	7	8

#### Posições das universidades portuguesas no QS WUR 2023/24 e 2022/23

n/c – não consta

#### Posições das universidades portuguesas no QS WUR: evolução 5 anos

			# Mundo		#	Portuga	al I			
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
Universidade do Porto	353	357	295	274	253	2	1=	1	1	1
Universidade de Lisboa	338	357	356	335	266	1	1=	2	2	2
Universidade de Aveiro	551-560	581-590	601-650	501-510	344	5	5	6	5	3
Universidade de Coimbra	406	431	455	438	351	3	4	4	4	4
Universidade Nova de Lisboa	421	428	431	369	400	4	3	3	3	5
Universidade do Minho	651-700	591-600	571-580	591-600	611-620	6	6	5	6	6
ISCTE-IUL	n/c	n/c	n/c	n/c	751-760					7
Universidade Católica Portuguesa	801-1000	801-1000	801-1000	801-1000	901-950	7	7	7	7	8
#IES	1001	1002	1300	1442	1497	7	7	7	7	8

n/c – não consta

			aden outat $5 \rightarrow 3$	ion			Re	nploy putat 5 → 1	ion	)				uder 10%)				tions acult 20%)	y			F	rnatio acult (5%)				St	natio uden (5%)			IR (0% 5%	6→	E (0% 5%	ó→	Sust. (0%→ 5%)		(	Overa	all	
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2022	2023	2022	2023	2023	2019	2020	2021	2022	2023
U.Porto	37	37	38,6	40,7	39,8	24,2	22,5	27,7	23,8	22,9	16,1	14,1	14,6	12,8	11,1	47,4	44,8	61,7	71,4	58,1	5,5	5,3	2,1	7,4	7,3	12,7	18,1	24,1	21,3	18,7	96,9	93,8	55,4	17,6	77,3	30,9	30,2	34,9	37,1	39
U.Lisboa	40,5	38,6	40,3	42,5	42,2	28,1	21,5	20,2	20,5	21	15,6	12,9	13,3	12,3	12,7	38,2	38,1	39,2	38,2	35,1	8	7,3	2,8	10	9,3	32,5	37,9	41,2	41,9	30,7	95,1	97,4	55,4	65,8	66,5	31,9	30,2	31	31,9	37,7
U.Aveiro	p/u	p/u	12,1	13,1	13,4	p/u	p/u	6,1	6,3	6,6	p/u	p/u	24,4	18,4	13,8	59,4	56,7	45,7	68,9	84,3	p/u	p/u	p/u	4,8	4,3	p/u	p/u	2,4	8,1	13,5	92,4	72,3	8	6,7	69,3	p/u	p/u	p/u	p/u	31,6
U.Coimbra	30,1	28,6	28,6	30,1	28,9	13,1	12,6	17,3	13,8	13,1	19	16	16,8	14,5	11,3	37,1	37,1	32	38,6	41,6	12,4	10	3,6	12,3	10,7	57,2	50,4	48,8	33,7	37,7	86,3	78,8	30,9	15,6	79,5	28,1	26,5	25,7	26,5	31,2
UNL	26,9	26,2	27,1	28,7	28	27,8	25,9	22,7	20,5	20,2	28,2	27,2	25,1	25	19,6	22,4	21,6	26,4	35	24,2	26,7	25,6	8,3	23,6	24	43,8	47,1	57	60,8	47	88,4	63,5	22,1	18,8	40,2	27,3	26,6	26,8	29,9	27,9
U.Minho	p/u	p/u	14,8	16	15,6	p/u	p/u	7,9	8,7	8,7	31,4	42,6	47,5	39	32,8	p/u	p/u	15,2	17,8	18,7	21,9	24,5	10	19,1	19,4	p/u	18	24,5	28,1	18	82	52,7	8,3	10,2	27,6	p/u	p/u	p/u	p/u	p/u
ISCTE-IUL					7					6,2					1,4					59,2												8,1		10						p/u
UCP	p/u	p/u	12,5	13	13,3	24,1	22,5	15,8	12,9	11,1	p/u	p/u	14,3	13,1	13,9	p/u	p/u	6,2	5,8	6,5	p/u	p/u	1,2	8,7	9,1	20,6	18,1	5,9	16,7	26,3	35,1	1,6	29,7	29,3	2, 0 2, 0	p/u	p/u	p/u	p/u	p/u

Scores das universidades portuguesas no QS WUR: evolução 5 anos

n/d – não disponível. O *overall score* apenas é disponibilizado para o top 500. Em 2021, apenas foram disponibilizados os indicadores parcelares se o valor colocasse a IES no top 700 dos indicadores, exceto o "Academic Reputation" e o "Employer Reputation", cujos valores só eram apresentados se a IES estivesse no top 600. As pontuações dos indicadores Employment Outcomes (EO) e International Research Network (IRN) disponibilizadas em 2022 não são comparáveis com as de 2023

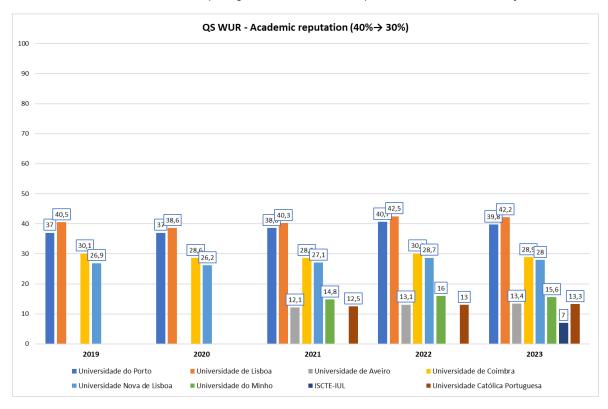
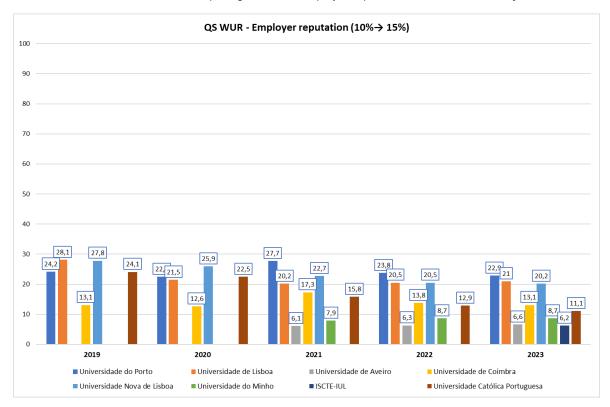


Gráfico 3: Scores das universidades portuguesas em Academic reputation no QS WUR: evolução 5 anos

Gráfico 4: Scores das universidades portuguesas em Employer reputation no QS WUR: evolução 5 anos



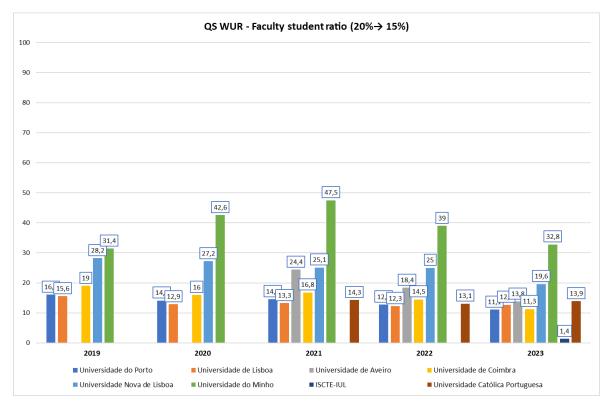


Gráfico 5: Scores das universidades portuguesas em Faculty student ratio no QS WUR: evolução 5 anos

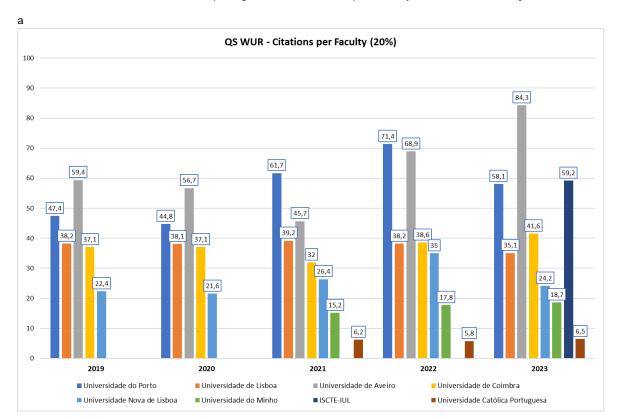


Gráfico 6: Scores das universidades portuguesas em Citations per Faculty no QS WUR: evolução 5 anos

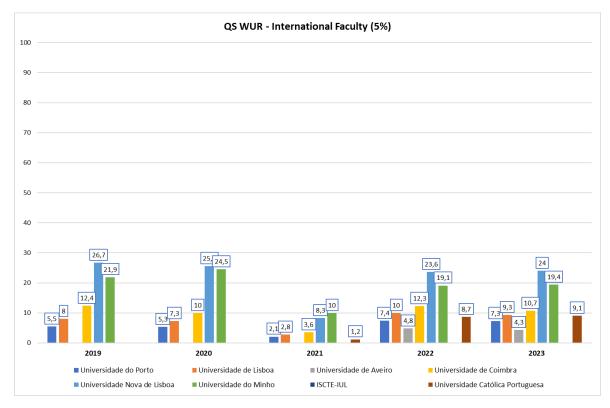
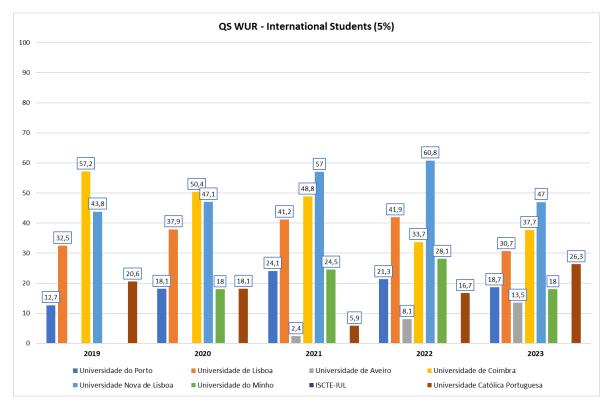


Gráfico 7: Scores das universidades portuguesas em International Faculty no QS WUR: evolução 5 anos

Gráfico 8: Scores das universidades portuguesas em International Students no QS WUR: evolução 5 anos



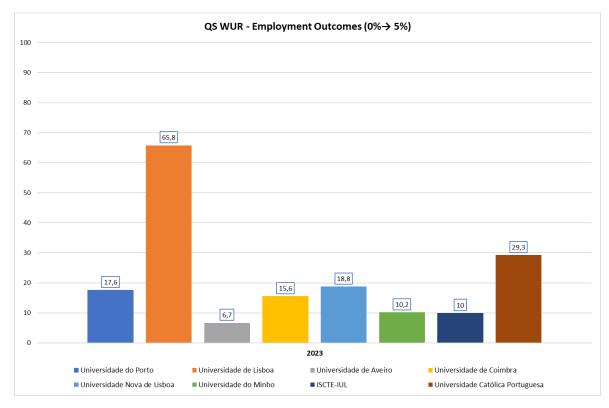


Gráfico 9: Scores das universidades portuguesas em Employment Outcomes no QS WUR

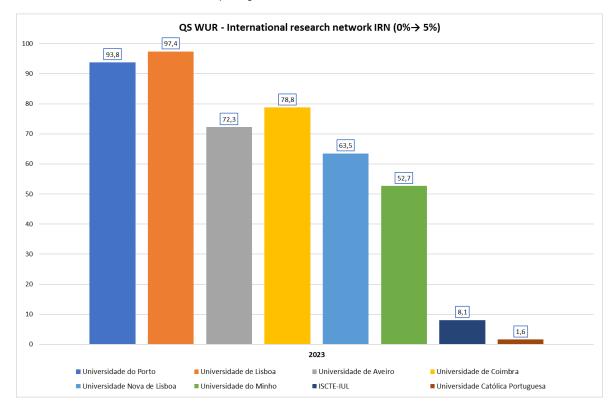


Gráfico 10: Scores das universidades portuguesas em International research network no QS WUR

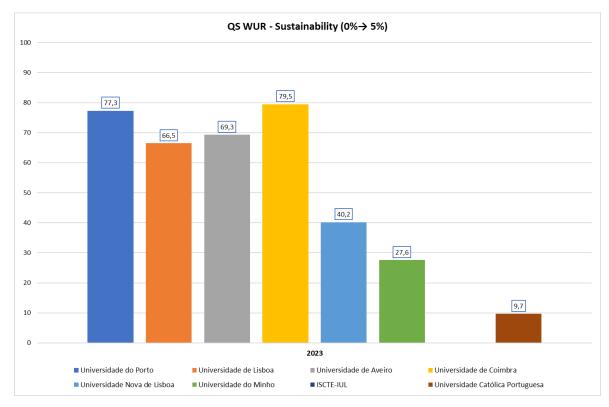
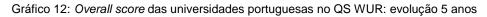
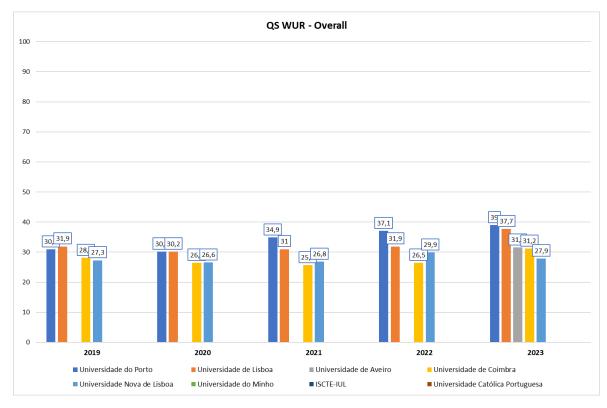


Gráfico 11: Sustainability das universidades portuguesas no QS WUR





### 4. Anexo\_ QS WUR FACT FILE [University of Porto]



### 2024 QS World University Rankings

Fact file | University of Porto



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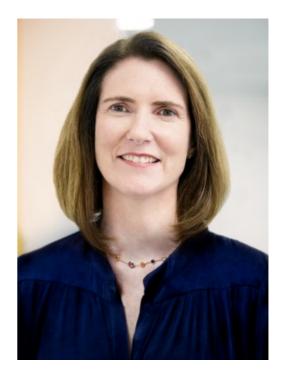


### Foreword

### Jessica Turner, CEO, QS

As we prepare to launch the 20th edition of the QS World University Rankings, we congratulate the leaders, faculty, students, staff, governments and corporate partners of institutions around the world who have all been the drivers of those success stories which our rankings have illuminated. Over the past two decades, higher education has played a transformative role in economies, the environment, healthcare, technology, global living standards and the lives of individuals.

For over 20 years, QS has captured the collective intelligence of the higher education ecosystem around the world through billions of data points, which enable us all to better understand excellence in institutional performance. Our QS rankings, the world's most viewed and most significant university ranking, are a highly visible output of that endeavour. We are honoured to partner with the higher education sector to compile, analyse and communicate excellence to future learners across the world.



#### The QS World University Rankings 2024 will be published on topuniversities.com on 27 JUNE 2023

This fact file will enable you to understand your performance and engage your PR and marketing departments in preparation for our global launch. We also encourage you to reach out to the QS Director for your region to discuss your results and find out if QS can support in other ways. If you do not know who your regional director is, please ask and we'll let you know.



2024 QS World University Rankings Fact File University of Porto

### **Evolving our Methodology**

This 20th edition of our rankings comes at a time when priorities in higher education are evolving. QS sits in the privileged position of being a nexus point in the higher education sector – connected to millions of students, hundreds of thousands of academics and employers, and thousands of institutions worldwide. We have seen the focus of these different stakeholder's shift in response to wider trends in education and society, and to reflect this collective intelligence in our QS performance insights, we have incorporated three new indicators into the QS World University Ranking.

Sustainability has become a touchpoint for global institutions as they come to realise their impact on the world, and students have come to expect institutions to tackle issues related to social and climate justice. The QS International Student Survey 2022 found that 80% of students think universities could do more for the environment. This is reflective of a wider trend of younger students who advocate strongly for social and environmental activism. We have recognised this call to action by adding a 5% weight Sustainability lens to our flagship world ranking, the first of the major rankings to do so to reflect the crucial role universities play in charting the course and driving change towards a more sustainable future.

We have also continued to strengthen our insight on employability and remain the only major ranking to enshrine the importance of employability in our methodology. To do this, we have boosted the weight of Employer Reputation to 15% and added Employment Outcomes at 5%. Our third new metric, International Research Network, is another way of recognising the importance of research in changing the world. This metric specifically provides insight on how internationally connected an institution's research is as well as recognising the importance of collaborative research more broadly.

We are indebted to our university partners for feedback over the years on our methods, as well as the advice of our independent rankings advisory board who continue to steer us diligently in our approaches. This new methodology signals our willingness to meet the concerns and expectations of modern students and institutions alike and remain their first choice for rankings performance insights.



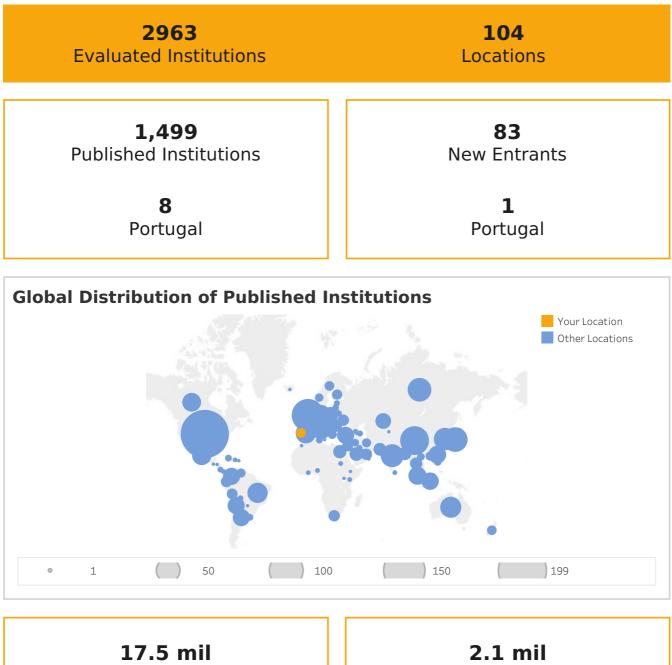
# Methodology: Performance Lenses and Weightings

Research and	Academic Reputation	Taken from the annual QS Academic Reputation Survey, designed to evaluate the perceptions of global academics on which institutions are demonstrating academic excellence. Learn more on: https://support.qs.com/hc/en-gb/articles/4405952675346	30.0%
Discovery	Citations per Faculty	This ratio measures the average number of citations obtained per faculty member, and is an estimate of the impact and quality of the scientific work produced by universities. This indicator is calculated using data from Scopus. For more details please see here: https://support.qs.com/hc/en-gb/articles/360019107580	20.0%
Employability	Employer Reputation	Taken from the annual QS Employer Reputation Survey, designed to evaluate the perceptions of global employers on which institutions are providing the most job-ready graduates. More information: https://support.qs.com/hc/en-gb/articles/4407794203410	15.0%
and Outcomes	Employment Outcomes	This indicator has been crafted to reflect the ability of institutions to ensure a high level of employability for their graduates, while also nurturing future leaders who go on to make an impact in their respective fields. More information: https://support.qs.com/hc/en-gb/articles/4744563188508	5.0%
Learning Experience	Faculty Student Ratio	This is the ratio between the number of academic staff and number of students. A higher number of academics per student reflects the resource commitment of the institution to its teaching and learning mission. More information: https://support.qs.com/hc/en-gb/articles/360019108240	10.0%
	International Faculty	The International Faculty Ratio is the proportion of faculty members who are international. It is a proxy measure for how internationally attractive the university is to academic staff, and a sign that through their reputation and quality they are able to attract those staff. More information: https://support.qs.com/hc/en-gb/articles/4403961809554	5.0%
Global Engagement	International Research Network	This indicator assesses the richness and diversity of an institution's international research partnerships. Collaborative research has benefits not only in terms of overall research quality and transparency, but in helping to solve the most pressing global challenges. More information: https://support.qs.com/hc/en-gb/articles/360021865579	5.0%
	International Students	The International Students Ratio is the proportion of students who are international. It is a proxy measure for how internationally attractive the university is to students, as well as the on-campus diversity that those students will benefit from. More information: https://support.qs.com/hc/en-gb/articles/4403961727506	5.0%
Sustainability	Sustainability	The score for this component is taken from the analysis of the standalone QS Sustainability Ranking. It evaluates the social and environmental impact of universities as centres of education and research. This is a vital step towards supporting universities on their journeys towards a more sustainable future. More information: https://support.qs.com/hc/en-gb/articles/6107352412828	5.0%
		2024 QS World University Rankings Fact File University of Porto	Р3



# **Edition Overview**

2024 Edition



**Recorded Publications** 

**141.6 mil** Recorded Citations **2.1 mil** Academic Nominations

**617k** Employer Nominations

2024 QS World University Rankings Fact File University of Porto

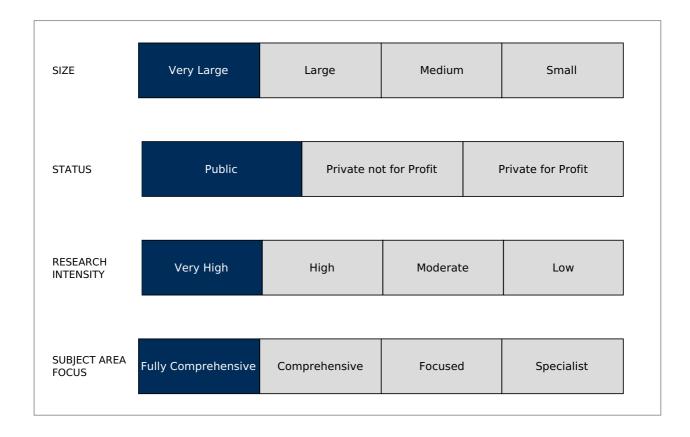
Ρ4



# **Institution Classification**

University of Porto, Portugal

QS Classifications make it easier to quickly identify and compare institutions with similar characteristics. To find out more about how the classifications are compiled, please visit: <a href="https://support.qs.com/hc/en-gb/articles/360021876820">https://support.qs.com/hc/en-gb/articles/360021876820</a>





Ρ5

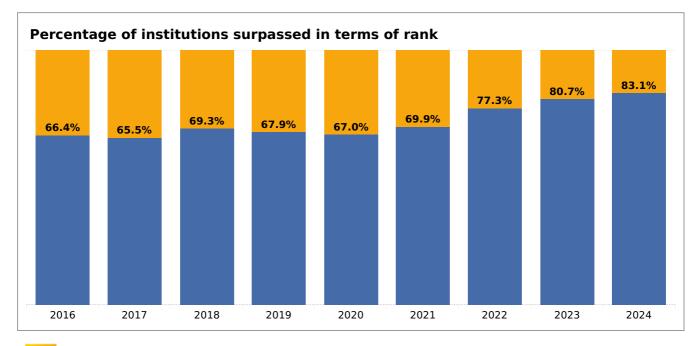
### **Overall Results**

### **University of Porto**



# **Top 17%**

In the 2024 edition, the institution performed among the Top 17% in the QS World University Rankings.





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### **Rank by Indicator**



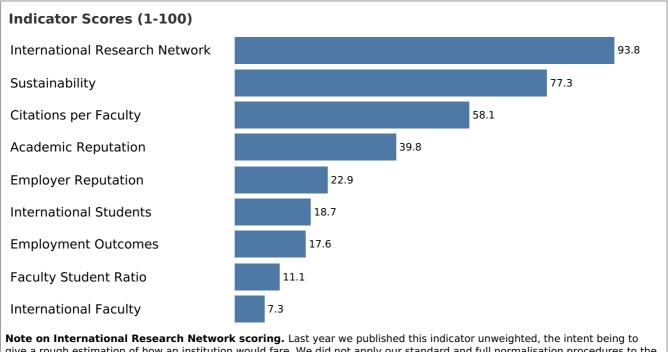


Ρ7

### **Score by Indicator**

### Overall Score 39.0

The top-performing institution overall is awarded a perfect score of 100. For every other institution, the sum of its scores for each indicator is taken and scaled against that top-performing university as a standardised point of reference.



give a rough estimation of how an institution would fare. We did not apply our standard and full normalisation procedures to the scores. This year we have reconciled the normalisation in line with our other indicators. Institutions should thus compare rank positions and not scores for this indicator and for this year. Further details here. https://support.qs.com/hc/en-gb/articles/4402503754130-Z-Score-Normalization

Indicator Weighted Score Based on methodology	25	
Academic Reputation	11.9	
Citations per Faculty	11.6	
International Research Network	4.7	
Sustainability	3.9	
Employer Reputation	3.4	
Faculty Student Ratio	1.1	
International Students	0.9	
Employment Outcomes	0.9	
International Faculty	0.4	

Percentage Contribution tow	ards over	all score
30.7% Academic Reputation	12.1% International Research Network	10.0%
29.9% Citations per Faculty	8.8% Employer Reputation	2.4%
		2.3%
	2.9%	

### 20 VEARS

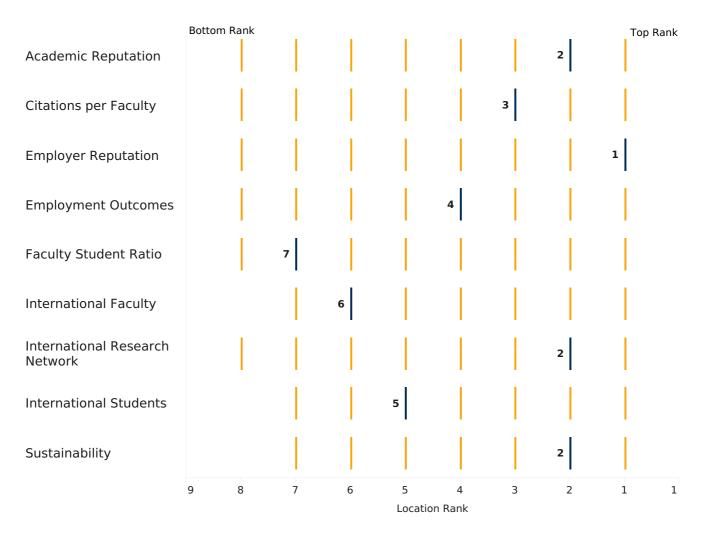
P8

### **Domestic Comparison**



University of Porto Other institutions in Portugal

#### Indicator Rank among Institutions in Portugal



In the above chart the number of lines displayed for each indicator may be less than the total number of evaluated institutions for your region. This is because some institutions may have equal ranks.



Ρ9

### **Underlying Data**

This is the underlying data used for the rankings calculations. You will have verified this data during our underlying data check stage. Variations may be a result of validation by our team. If you have further queries, please submit a ticket at https://support.gs.com

**Bibliometric data** 

Scopus

STUDENTS	32,247
INTERNATIONAL STUDENTS	3,985
FACULTY STAFF	2,151
INTERNATIONAL FACULTY	122
EMPLOYMENT RATE (%)	
CITATIONS NORMALISED	303,774
CITATIONS NET EX. SELF CITATIONS	311,287
CITATIONS NET Inc. SELF CITATIONS	395,318
PAPERS NORMALISED	28,888
PAPERS NET	29,567
INTERNATIONAL RESEARCH PARTNERS (AVG)	569
INTERNATIONAL RESEARCH PARTNER LOCATIONS (AVG)	66

#### **Observations:**

Students and faculty figures above are full-time equivalent (FTE). In those cases where only the headcounts were available, the FTE was calculated by applying a ratio based on location or regional average. When a breakdown by undergraduate and postgraduate was available we used the sum total.

Scopus numbers extracted in February 2023 – variation with their live database is to be expected. Papers period: 2017-2021 Citations period: 2017-2022

More information on how to interpret research counts as used by QS: <a href="https://support.qs.com/hc/en-gb/articles/4411497775506-QS-Scopus-User-Guide">https://support.qs.com/hc/en-gb/articles/4411497775506-QS-Scopus-User-Guide</a>

A guide to the processing of citations and papers by QS: <a href="https://support.qs.com/hc/en-gb/articles/4411823040018-Processing-of-citations-and-papers">https://support.qs.com/hc/en-gb/articles/4411823040018-Processing-of-citations-and-papers</a>

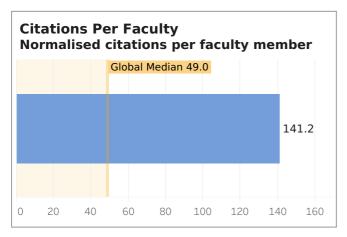
If we don't have your Employment Rate, a country or regional approximation is used.

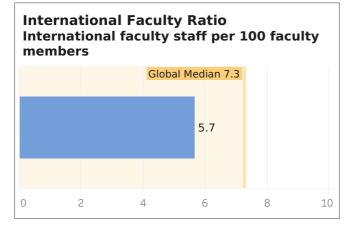
International Research Partners and Research Partner Locations figures represent the average across five faculty areas. The methodology can be found here: <u>https://support.qs.com/hc/en-gb/articles/360021865579-International-Research-Network-IRN-Index</u>

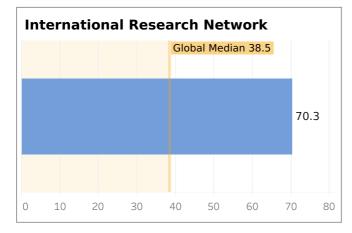


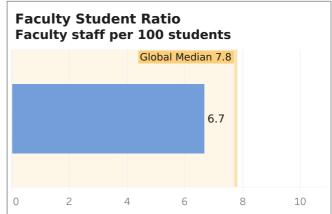
### **Underlying Data and Indices**

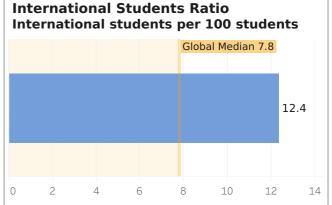
The following charts present the ratios and indices utilised for rankings calculations for your institution, compared against the global median results.

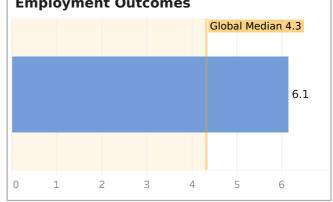












#### **Employment Outcomes**

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### **Subject Area Focus: Underlying Data Sheet**

**Blue** denotes that your institution offers an undergraduate or taught postgraduate degree programme in that specific narrow subject area. If more than one subject area is covered, the corresponding broad faculty area is marked with **blue**. This information is critical for the eligibility criteria in QS World University Rankings, QS Rankings by Region and QS Rankings by Subjects. We encourage you to update this information by this link <u>https://qs-hub2.qs.com/#subjects</u>

#### **Arts & Humanities**

Archaeology Architecture / Built Environment Art & Design Classics & Ancient History English Language & Literature History History of Art, Architecture & Design Linguistics Modern Languages Performing Arts Philosophy Theology, Divinity & Religious Studies

### Social Sciences & Management

Accounting & Finance Anthropology **Business & Management Studies Communication & Media Studies Development Studies Economics & Econometrics** Education Hospitality & Leisure Management law Library & Information Management Marketing Politics & International Studies Social Policy & Administration Social Work Sociology Sports-related Subjects Statistics & Operational Research

### **Engineering & Technology**

Computer Science & Information Systems Data Science and Artificial Intelligence Engineering - Chemical Engineering - Civil & Structural Engineering - Electrical & Electronic Engineering - General Engineering - Mechanical, Aeronautical & Manufacturing Engineering - Mineral & Mining Petroleum Engineering

### Life Sciences & Medicine

Agriculture & Forestry Anatomy & Physiology Biological Sciences Dentistry Medicine Nursing Other Studies & Professions Allied to Medicine Pharmacy & Pharmacology Psychology Veterinary Science

### **Medical School**

There is a medical school within the structure of the institution, which provides all or some programmes in Life Sciences & Medicine.

### **Natural Sciences**

Chemistry Earth & Marine Sciences Environmental Sciences Geography Geology Geophysics Materials Science Mathematics Physics & Astronomy

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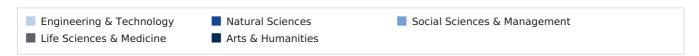
P12

### **Research Output** Papers and Citations by Subject Area

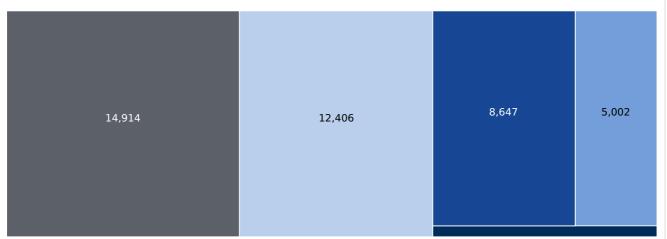
# Scopus<sup>\*</sup>

The following graphs provide the institution's breakdown of papers and citations by broad subject area indexed by Scopus and used in the 2024 edition of the rankings. Starting from the previous edition, QS considers six years of citations (2017-2022) for each of the five publication years (2017-2021).

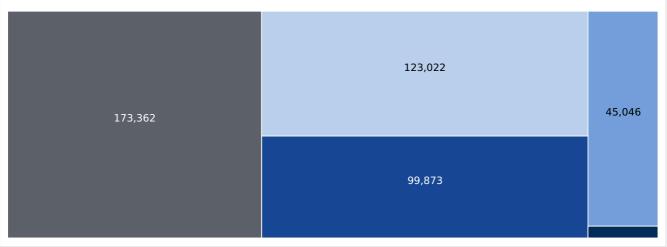
The QS World University Rankings methodology utilizes a Citations per Faculty indicator and thus the objective of this approach is to derive a normalized total citation count. The primary approach is to simply equalize the influence of the five broad subject areas considered. A technical explanation of the normalization process can be found here: https://support.gs.com/hc/en-gb/articles/360019107580



#### Papers 2017-2021 Indexed in Scopus in the 2017-2021 period



#### **Citations (Excluding Self-Citations)** For the above papers in the 2017-2022 period







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QS Thought Leadership Conferences' line up has been carefully crafted to help universities across the globe foster academic excellence and innovation.

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By exhibiting at our conferences, your university can showcase its latest innovations and products that foster collaboration opportunities with like-minded university presidents, deans, provosts and decision-makers.

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QS Higher Ed Summit: Americas

22-23 September 2022 | Hybrid & Universidade Vila Velha, Brazil 5-7 September 2023 | Hybrid & Dominican Republic gshesummits.com/americas



QS Higher Ed Summit: Asia Pacific 8-10 November 2022 | Hybrid &

8–10 November 2022 | Hybrid & Universitas Indonesia, Indonesia 7–9 November 2023 | Hybrid & Malaysia





OS Reimagine Education Conference & Awards 5-8 December 2022 | Hybrid & NOVA University branch at The Knowledge Hub, Egypt: 6-7 Dec Wharton School of the University of Pennsylvania, USA: 7-8 Dec 4-8 December 2023 | Hybrid & Dubai, UAE & Barcelona, Spain reimagine-education.com



OS Higher Ed Summit: India 19-21 February 2023 | Hybrid & Goa, India qsindiasummit.com



QS Higher Ed Summit: Middle East & Africa 12-14 March 2023 | Hybrid & Kuwait qshesummits.com/middle-east -and-africa



EduData Summit 23-26 May 2023 | Hybrid & USA edudatasummit.com



QS Higher Ed Summit: Europe 27-30 June 2023 | Hybrid & Ireland qshesummits.com/europe



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