



*University Ranking by
Academic Performance*

A National Ranking for Turkish Universities:

URAP-TR

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OUTLINE

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Ranking Systems

- First step in 1983 with US News & World Report
- Local and Global Rankings emerged
- Increase in the number of systems recently
- Variations in quality perception, evaluation indicators, employed sources and results



Who may follow them ?

- Students,
- Academicians,
- University Administrators,
- Higher Education Authorities, Coordinators
- Press
- Industry

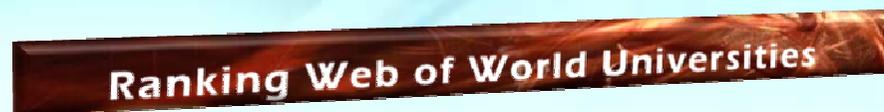
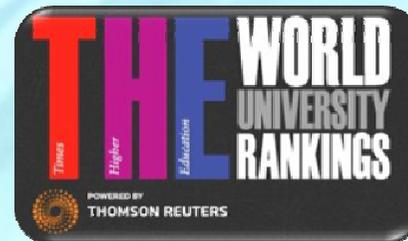


University Ranking by
Academic Performance

Global Ranking Systems



Universiteit Leiden
Universität Leiden





Values of Global Ranking Systems

- Attract attention to higher education
- Enhance the expectations from a university, try to define standards
- Support to increase «quality» in higher education
- Introduce best universities from different countries



Drawbacks of Global Ranking Systems

- Lack of national characteristics, factors
- Indiscriminative scoring
- Size dependency
- Limited coverage in terms of scope (#of universities ranked)



Turkish Universities in Global Rankings

University	ARWU	QS	THE	HEEACT	Leiden
Ankara Univ.	-	-	-	-	498
Atatürk Univ	-	-	-	-	491
Çukurova Univ	-	601	-	-	-
Dokuz Eylül Univ	-	-	-	-	488
Ege Univ	-	-	-	-	476
Gazi Univ	-	-	-	-	495
Hacettepe Univ	-	601	-	-	492
İ.D. Bilkent Univ	-	332	112	-	-
İstanbul Univ	401-500	401-450	-	-	493
İstanbul Teknik Univ	-	451-500	-	-	435
Koç Univ	-	401-450	-	-	-
METU	-	-	183	-	468
Sabancı Univ	-	401-450	-	-	-



Efforts to overcome drawbacks

What About Turkey?

Country / Reigon	Systems
USA	OEDb's Online College Rankings, The Princeton Review College Rankings, The Washington Monthly Rankings, The Top American Research Universities, UTD Top 100 Business School Research Rankings
Canada	Maclean's Ranking of Canadian Universities
Australia	The Melbourne Institute's International Standing of Australian Universities
Germany	U.S. News & World Report, The Times Higher Education World University Rankings, QS World University Rankings, Focus University Ranking
China	Netbig's Chinese University Ranking
England	Guardian University Guide, The Complete University Guide, The Times Good University Guide
Hong Kong	Education18.com & the Public Opinion Program
Japan	Kawaijuku Rankings, Asahi Shimbun Newspaper Ranking, Recruit Ltd. Ranking, Sunday Mainichi Newspaper Ranking
India	JAM College Ranking, India's Best Colleges
Ukraine	Compass National University Ranking
Switzerland	Swiss Centre for Science and Technology Studies' 'Champions league'
Slovakia	The Independent Slovak Academic Ranking and Rating Agency
Pakistan	Pakistan Higher Education Commission Ranking of Universities
Asia	Asia's Best Universities





URAP – TR

- URAP (University Ranking by Academic Performance) Research Laboratory
- First time in 2009
- Motto: «All universities need to know where they take place in order to improve required skills»
- A ranking with 9 indicators



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URAP – TR Methodology

No	Indicator	Targeted Theme	Data Source	Description
1	Number of articles	Research	CHE ¹	Number of articles published in SCI, SSCI or AHCI in 2010.
2	Number of articles per faculty	Research	CHE ¹	Number of articles published in 2010 per faculty (Professor, Assoc. Prof and Assist. Prof).
3	Number of citations	Research	ISI ²	Number of citations received in 2010 for articles published in 2006 -2010.
4	Number of citations per faculty	Research	ISI ² and CHE ¹	Number of citations per faculty received in 2010 for articles published between 2006 – 2010.
5	Total Number of Scientific Publications	Research	ISI ³	Total number of academic publications/citations, proceedings etc. obtained from ISI for the 2006-2010 period
6	Total Number of Scientific Publications per faculty	Research	ISI ³ and CHE ¹	Total number of academic publications per faculty for the 2006 - 2010 periods.
7	Number of Ph.D. students	Education and Research	SSPC ⁴	Number of Ph.D. students In 2010-2011 academic years.
8	Percentage of Ph.D. students	Education and Research	SSPC ⁴	Percentage of Ph.D. students among the students in 2010-2011 academic years.
9	Number of students per faculty	Education	CHE ¹ and SSPC ⁴	Number of students per faculty In 2010-2011 academic years.



In the Methodology

- Objective Criteria & Open Data Sources
- Total Performance + Average Performance
- Sustainable Performance + Recent Performance
- Both research & education performance evaluation



Scoring Method

- Median based scoring applied.
- 2 groups of universities according to median
- Linear scoring for each group

50-100 > median

0.1 – 49.9 < median



URAP – TR Results

- 125 universities in Turkey
- 7 categories

Category	Number of Univ.
Universities founded before 2000	74
Universities founded after 2000	51
Universities with Medical Schools	57
Universities without Medical Schools	68
State Universities	96
Private Foundation Universities	29
Overall List	125



<http://tr.urapcenter.org/>



URAP – TR Results

- Top 5 Universities – Overall Score

Rank	University	Article Score	Citation Score	Publication Score	Phd Score	Student Score	Total Score
1	HACETTEPE UNIV	144.88	186.46	183.76	176.56	90.23	781.90
2	MIDDLE EAST TECH UNIV	150.12	182.54	183.87	187.07	68.46	772.05
3	ISTANBUL UNIV	146.09	153.63	154.72	200.00	86.10	740.54
4	ANKARA UNIV	135.56	146.45	154.30	199.07	86.41	721.79
5	EGE UNIV	137.79	150.49	145.43	155.64	88.14	677.50



Field Based Ranking Study

- 6 Fields
 - ENG, SOC & AHCI, SCI, MED, LIFE, AGE

Indicators	Aim	Source	Weight (%)	Description
Article Count	Research	ISI	35	The articles published in 2010 (SCI, SSCI and AHCI)
Citation Count	Research	ISI	25	The total number of citations received in 2010 for the articles published in 2006-2010
Total Document	Research	ISI	25	The total number of publications indexed in Web of Knowledge in 2006 – 2010
Cumulative Journal Impact	Research	ISI	15	Aggregated impact factors of journals in which a university published articles between 2006 and 2010.



Studies Going on...

- Field, Subject and Department Based Studies
- Development of new indicators
- New Universities
- New Categories (such as location, budget)



Thanks...

Any Question or Comment?