

Academic Ranking of World Universities 2009/2010

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This paper proposes an analysis of the:
Academic Ranking of World Universities
published every year and gives an overview
of the present situation in:

Higher Education.

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The publication of the:
Institute of Higher Education
Shanghai Jiao Tong University:
**Academic Ranking of World Universities
2009**
Ranking Web of World Universities 2010
(Spain) and
QS World University Rankings 2009 are
analyzed.

The paper also gives an analysis of the:
scientific journal publications
from professors/researchers from the:
USA
and
Europe.

Europe has 4752 higher education institutions, with over 17 million students and 1.5 million staff.

All across Europe, countries and universities are in a process of modernization.

From an EU perspective, these reforms are part of the Lisbon Strategy.

OVERVIEW OF THE PRESENT SITUATION IN HIGHER EDUCATION

According to the publication of the well-known institution:

"Institute of Higher Education
Shanghai Jiao Tong University"

the rank list of the top 20 Universities in the world space of higher education in 2009 appears in the following way:

<http://www.arwu.org/index.jsp>





World Rank	Institution*	Region	Regional Rank	Country	National Rank	Score on Alumni	Score on Award	Score on HiCi	Score on N&S	Score on PUB	Score on PCP	Total Score
1	Harvard University	Americas	1		1	100	100	100	100	100	74.8	100.0
2	Stanford University	Americas	2		2	39	78.7	87.1	67.3	70.1	66.9	73.1
3	University of California, Berkeley	Americas	3		3	67.4	77.1	68.4	71.1	69	53.2	71.0
4	University of Cambridge	Europe	1		1	89.4	91.5	53.8	53.9	65.4	65.5	70.2
5	Massachusetts Institute of Technology (MIT)	Americas	4		4	71	80.6	65.7	67.9	62	54.4	69.5
6	California Institute of Technology	Americas	5		5	51.5	69.1	57.1	66.2	47.7	100	64.8
7	Columbia University	Americas	6		6	70.6	67.7	55.7	49.1	69.6	46.5	61.7
8	Princeton University	Americas	7		7	57.8	85.2	61.6	41.5	45.7	61.4	60.2
9	University of Chicago	Americas	8		8	65.8	84.3	49.7	38.6	51.6	41.8	57.0
10	University of Oxford	Europe	2		2	57.6	57.9	48.9	49.8	66.1	45.7	56.3
11	Yale University	Americas	9		9	49.8	43.6	57.6	55.7	62.7	49.5	55.2
12	Cornell University	Americas	10		10	40.5	51.3	54.3	51.7	61.2	39.9	53.1
13	University of California, Los Angeles	Americas	11		11	23.8	42.8	57.4	50.3	74.5	36.2	52.3
14	University of California, San Diego	Americas	12		12	15.5	35.9	60.3	53.9	65.2	48	50.7
15	University of Pennsylvania	Americas	13		13	30.9	34.4	57.6	44.1	69	39.8	49.3
16	University of Washington	Americas	14		14	25	31.8	53.3	48.8	73.7	28.1	48.0
17	University of Wisconsin - Madison	Americas	15		15	37.5	35.5	52.3	39.8	66.7	28.6	46.7
18	University of California, San Francisco	Americas	16		16	0	36.8	53.8	49.7	59.9	46.7	45.9
19	The Johns Hopkins University	Americas	17		17	44.7	27.8	41.7	49.1	67.1	24.9	45.2
20	The University of Tokyo	Asia/Pacific	1		1	34.1	14.1	42.9	49	79.7	34.1	45.1

Table 1. Shanghai World rank list of the top 20 universities in 2009 (05. Nov. 2009) [1]

According to the latest edition of the:

[Web Ranking of World Universities](http://www.webometrics.info/)

<http://www.webometrics.info/>

published by the Spanish National Research Council's Cybermetrics Lab, the rank list of the top 25 universities in the world space of higher education in

January 2010

looks as follows:

Ranking Web of World Universities

January 10

Top 8000
Universities

WORLD RANK	UNIVERSITY	COUNTRY	POSITION			
			SIZE	VISIBILITY	RICH FILES	SCHOLAR
1	Harvard University	USA	2	3	20	1
2	Massachusetts Institute of Technology	USA	1	1	1	5
3	Stanford University	USA	6	2	5	17
4	University of California Berkeley	USA	7	4	28	27
5	Cornell University	USA	4	5	14	33
6	University of Washington	USA	12	7	3	68
7	University of Minnesota	USA	9	12	4	16
8	Johns Hopkins University**	USA	40	21	42	2
9	University of Michigan	USA	8	8	32	21
10	University of Wisconsin Madison	USA	3	9	12	53
11	California Institute of Technology Caltech**	USA	10	15	13	19
12	University of Texas Austin	USA	13	13	6	62
13	University of Illinois Urbana Champaign*	USA	26	11	9	61
14	University of Pennsylvania	USA	27	10	29	20
15	Carnegie Mellon University	USA	5	31	2	98

Table 2. Web Ranking of World Universities of the top 15 universities in January 2010 [2]
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This table summarizes the actual coverage of the Ranking, in terms of number of countries and higher education institutions around the world.

Region/Countries (Jul'09)	Top 100	Top 200	Top 500	Top 1000	Total
North America	7	71	106	180	334
USA	us	65	94	155	296
Canada	ca	6	12	25	38
Europe	55	21	62	232	417
United Kingdom	uk	5	10	36	70
Germany	de	2	14	49	63
Italy	it	1	4	17	38
France	fr		1	8	36
Asia	33	5	19	50	147
Japan	jp	3	7	13	50
Taiwan	tw	1	5	14	35
China & HK	cn/hk	1	4	11	25
Korea	kr		1	6	12
Latin America	35	2	6	21	58
Brazil	br	1	5	12	32
Mexico	mx	1	1	4	6
Oceania	12	1	6	14	35
Australia	au	1	6	13	28
Arab World	22		1	2	4
Africa	38			1	5
WORLD	202				17036

Table 3. Coverage of the Webometrics Ranking of World Universities [2]

CRITERIA	WR (webometrics)	ARWU (Shanghai)
Univ's Analyzed	15000	3000
Univ's Ranked	5000+	500
Quality of Education		Alumni Nobel&Field 10%
Internazionalization		
Size	Web Size 20%	Size of Institution 10%
Research Output	Rich Files 15%	Nature & Science 20%
	(Google) Scholar 15%	SCI & SSCI 20%
Impact	(Link) Visibility 50%	Highly Cited Res'ers 20%
Prestige		Staff Nobel&Field 20%

Table 4. Comparison of the main World Universities' Rankings [2]

Country Scoreboard

Rank	Country	System	Access	Flagship	Economic	Overall
1	United States	100	100	100	100	100
2	United Kingdom	74	91	96	98	90
3	Germany	83	95	84	96	89
4	Canada	71	95	96	62	81
5	Taiwan	52	74	96	90	78
6	Sweden	49	84	88	74	74
7	Spain	62	82	88	57	72
8	Japan	52	42	96	70	65
9	Brazil	51	35	96	79	65
10	Netherlands	50	76	88	39	63
11	Switzerland	44	66	92	50	63
12	Australia	50	70	88	43	63
13	Norway	43	67	92	44	61
14	Italy	51	50	88	51	60
15	Finland	42	64	92	38	59
16	Austria	42	52	88	36	54
17	Czech Republic	42	53	84	36	54
18	Hong Kong, China	41	53	84	35	53
19	Belgium	42	50	84	36	53
20	Denmark	41	58	76	36	53

21	Portugal	42	46	72	38	49
22	China	42	22	80	51	49
23	Mexico	40	25	92	35	48
24	Israel	41	47	68	35	48
25	France	43	31	76	35	46
26	Ireland	39	43	68	34	46
27	Singapore	38	33	68	32	43
28	Korea, Rep.	41	30	64	35	42
29	Thailand	40	26	68	33	42
30	Saudi Arabia	38	26	64	33	40
31	Hungary	39	34	56	33	40
32	Slovenia	37	32	60	31	40
33	Chile	38	25	56	40	40
34	Russian Federation	37	22	64	31	39
35	Poland	40	28	44	38	37
36	Estonia	37	35	44	31	37
37	Serbia	37	26	44	34	35
38	Argentina	37	22	44	33	34
39	Greece	38	28	36	34	34
40	New Zealand	37	25	40	31	33
41	Iceland	37	30	20	31	29
42	Costa Rica	37	25	24	31	29
43	South Africa	37	21	20	31	27
44	Turkey	37	20	16	31	26
45	Colombia	37	21	12	31	25

Table 5. [2]

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Distribution by Continent

CONTINENT	Top 200	Top 500	Top 1000
USA & Canada	114	200	370
Europe	60	223	408
Asia	15	45	134
Oceania	6	14	35
Latin America	4	14	44
Arab World	1	3	4
Africa		1	5

Table 6. [2]

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Distribution by Country					
RANK	COUNTRY		Top 200	Top 500	Top 1000
1	United States of America		100	175	330
2	Germany		16	46	64
3	Canada		14	25	40
4	United Kingdom		12	37	66
5	Japan		7	12	49
6	Australia		6	12	28
7	Netherlands		6	10	13
8	Sweden		4	9	15
9	Taiwan		3	11	25
10	Switzerland		3	7	10
11	Norway		3	4	4
12	Spain		2	26	40
13	Italy		2	16	37
14	Brazil		2	10	22
15	Belgium		2	6	8

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16	Austria		2	5	9
17	Israel		2	5	7
18	Hong Kong		2	5	6
19	Czech Republic		2	4	9
20	France		1	11	45
21	Finland		1	6	10
22	China		1	5	19
23	Denmark		1	5	8
24	Republic Of Korea		1	4	9
25	Saudi Arabia		1	3	4
26	Mexico		1	2	5
27	Singapore		1	2	2
28	Chile		1	1	3
29	Slovenia		1	1	2
30	Thailand			5	11

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31	Portugal		5	8
32	Poland		4	12
33	Ireland		4	6
34	Greece		3	6
35	Hungary		3	5
36	New Zealand		2	7
37	Turkey		1	8
38	South Africa		1	5
39	Russian Federation		1	4
40	Argentina		1	3
41	India		1	3
42	Slovakia		1	3
43	Estonia		1	2
44	Iceland		1	1
45	Serbia		1	1

Table 7 [2]
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Rank of Universities of Serbia					
First Previous Next Last Universities 1 to 9 of 9					
WORLD RANK	UNIVERSITY	POSITION			
		SIZE	VISIBILITY	RICH FILES	SCHOLAR
384	University of Belgrade	455	851	212	81
1181	University of Novi Sad	1,185	1,862	714	1,212
1790	University of Nis	3,260	3,438	789	975
2427	University of Kragujevac	3,208	4,601	1,029	1,694
4419	University of Prishtina (Albanian)	4,437	3,963	5,743	5,879
5471	Singidunum University	4,980	9,163	3,293	3,195
5886	Univerzitet u Nisu	9,623	7,736	6,209	1,928
6450	Faculty of Economics Subotica University of Novi Sad	7,867	6,906	5,310	6,004
6687	Megatrend University of Applied Sciences	8,264	6,782	5,613	6,507

Table 8. [2]
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universities of Serbia

Rank of Universities of Serbia						
First Previous Next Last Universities 1 to 7 of 7						
WORLD RANK	UNIVERSITY	POSITION				
		SIZE	VISIBILITY	RICH FILES	SCHOLAR	
299	University of Belgrade	200	1,008	289	9	
800	University of Novi Sad	677	959	855	1,016	
1157	University of Kragujevac	2,280	1,057	1,159	1,441	
1455	University of Nis	2,363	4,182	871	435	
4170	University of Prishtina (Albanian)	4,210	7,078	4,568	1,959	
5295	Singidunum University	4,064	8,138	3,622	4,061	
5429	Faculty of Economics Subotica University of Novi Sad	6,957	5,162	5,030	5,825	

First | Previous | Next | Last | Universities 1 to 7 of 7

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Rank of Universities of Slovenia						
First Previous Next Last Universities 1 to 5 of 5						
WORLD RANK	UNIVERSITY	POSITION				
		SIZE	VISIBILITY	RICH FILES	SCHOLAR	
155	University of Ljubljana	265	203	106	140	
512	University of Maribor	511	742	278	789	
2463	University of Primorska Universita del Litorale	2,861	4,635	920	2,171	
3422	University of Nova Gorica*	4,749	4,996	2,375	2,439	
7056	Bled School of Management	7,376	7,183	6,373	7,631	

First | Previous | Next | Last | Universities 1 to 5 of 5

Table 9. [2]

IMPORTANT: For each country **only** the Higher Education Institutions ranked till the **8,000th** position are included. Complete coverage is from 18,000 organizations.

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universities of **Slovenia**

Rank of Universities of Slovenia

First | Previous | Next | Last | Universities 1 to 4 of 4

WORLD RANK	UNIVERSITY	POSITION			
		SIZE	VISIBILITY	RICH FILES	SCHOLAR
201	University of Ljubljana	285	321	163	136
667	University of Maribor	483	1,287	399	781
2022	University of Primorska Universita del Litorale	2,245	4,030	776	2,302
3692	University of Nova Gorica *	4,469	6,503	2,497	2,379

First | Previous | Next | Last | Universities 1 to 4 of 4

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Rank of Universities of Croatia (local name: Hrvatska)

First | Previous | Next | Last | Universities 1 to 22 of 22

WORLD RANK	UNIVERSITY	POSITION			
		SIZE	VISIBILITY	RICH FILES	SCHOLAR
1144	University of Zagreb**	894	2,177	4,958	6
2609	University of Zadar	3,851	2,846	2,790	2,517
4188	University of Split	6,725	4,653	2,735	4,500
4221	University of Rijeka	6,631	4,206	2,815	5,618
4393	Josip Juraj Strossmayer University of Osijek Faculty of Economics	4,641	7,186	3,751	2,278
4655	Josip Juraj Strossmayer University of Osijek Faculty of Filosofiy	5,355	5,148	3,691	5,475
4675	Josip Juraj Strossmayer University of Osijek	7,662	3,798	4,844	5,655
4876	Josip Juraj Strossmayer University of Osijek Faculty of Electrical Engineering	4,688	6,304	3,246	5,407
5006	School of Medicine University of Rijeka	5,314	6,895	2,794	5,078
5018	Josip Juraj Strossmayer University of Osijek Faculty of Mechanical Engineering	8,018	5,437	3,968	4,389
5216	Josip Juraj Strossmayer University of Osijek Faculty of Agriculture	7,543	8,325	4,074	1,868

Table 10. [2]

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Rank of Universities of Croatia (local name: Hrvatska)						
First Previous Next Last Universities 1 to 15 of 15						
WORLD RANK	UNIVERSITY	POSITION				
		SIZE	VISIBILITY	RICH FILES	SCHOLAR	
1254	University of Zadar	3,820	389	3,078	2,184	
1449	University of Zagreb *	3,256	986	1,135	2,710	
2524	Josip Juraj Strossmayer University of Osijek Faculty of Mechanical Engineering	4,821	1,160	4,916	3,989	
3671	Josip Juraj Strossmayer University of Osijek Faculty of Economics	3,160	6,016	3,566	2,699	
3737	University of Split	4,945	3,584	3,645	4,481	
3749	Zagreb School of Economics and Management	4,918	2,153	6,596	5,503	
3933	University of Rijeka	7,351	2,847	3,149	5,968	
4095	Josip Juraj Strossmayer University of Osijek Faculty of Filosofiy	6,336	3,436	4,172	4,792	
4138	Josip Juraj Strossmayer University of Osijek Faculty of Electrical Engineering	3,110	5,354	3,715	4,922	
4255	Josip Juraj Strossmayer University of Osijek	7,604	2,471	5,408	5,614	
4845	Josip Juraj Strossmayer University of Osijek Faculty of Mathematics	4,231	9,918	2,296	2,156	
5091	University of Dubrovnik	7,211	5,477	4,596	4,174	

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Rank of Universities of Macedonia The Former Yugoslav Republic of						
First Previous Next Last Universities 1 to 5 of 5						
WORLD RANK	UNIVERSITY	POSITION				
		SIZE	VISIBILITY	RICH FILES	SCHOLAR	
1720	Ss Cyril and Methodius University Skopje	2,533	1,801	1,984	1,739	
3821	Saint Clement of Ohrid University of Bitola	6,657	3,486	3,404	4,627	
6330	European University Macedonia*	6,384	5,524	10,883	5,635	
6655	State University of Tetovo	11,828	4,558	7,377	6,429	
6987	South Eastern European University*	5,326	8,968	5,964	5,761	

Table 11. [2]

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universities of Macedonia The Former Yugoslav Republic of

Rank of Universities of Macedonia The Former Yugoslav Republic of

First | Previous | Next | Last | Universities 1 to 4 of 4

WORLD RANK	UNIVERSITY	POSITION			
		SIZE	VISIBILITY	RICH FILES	SCHOLAR
1386	Ss Cyril and Methodius University Skopje	2,868	984	1,911	1,798
2748	State University of Tetovo	7,856	765	4,788	5,173
3046	Saint Clement of Ohrid University of Bitola	7,999	1,561	3,441	4,220
3925	European University Macedonia *	6,276	733	14,096	9,755

First | Previous | Next | Last | Universities 1 to 4 of 4

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Ranking Web of European Universities

January 10
















EUROPE	WORLD	UNIVERSITY	COUNTRY	SIZE	VISIB.	RICH FILES	SCHOLAR
1	27	University of Cambridge		28	20	61	123
2	37	University of Oxford		48	30	40	137
3	42	Swiss Federal Institute of Technology ETH Zürich		44	59	81	30
4	49	Norwegian University of Science & Technology		111	73	64	22
5	50	University of Edinburgh		89	66	49	69
6	55	University of Oslo		100	79	26	85
7	57	University College London		145	56	39	90
8	64	University of Helsinki		49	100	45	71
9	71	Universität Wien		102	109	63	34
10	76	University of Southampton		196	102	83	43
11	79	Utrecht University		89	137	86	45
12	86	University of Amsterdam		74	144	62	115
13	89	Université de Geneve		153	69	116	264
14	90	University of Glasgow		95	85	146	188
15	91	École Polytechnique Fédérale de Lausanne		72	125	132	93

Table 12.

[2]

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Comparing Results

THE - QS	SHANGHAI	HEEACT	WEBOMETRICS
1 Harvard	1. Harvard	1. Harvard	1. MIT
2 Yale	2. Stanford	2. Johns Hopkins	2. Harvard
3 Cambridge	3. Berkeley	3. Washington	3. Stanford
4 Oxford	4. Cambridge	4. Stanford	4. Berkeley
5 Caltech	5. MIT	5. UCLA	5. Penn State
6 Imperial	6. Caltech	6. Michigan	6. Michigan
7 UCL	7. Columbia	7. Berkeley	7. Cornell
8 Chicago	8. Princeton	8. UCSD	8. Minnesota
9 MIT	9. Chicago	9. Columbia	9. UW Madison
10 Columbia	10. Oxford	10. MIT	10. UT Austin

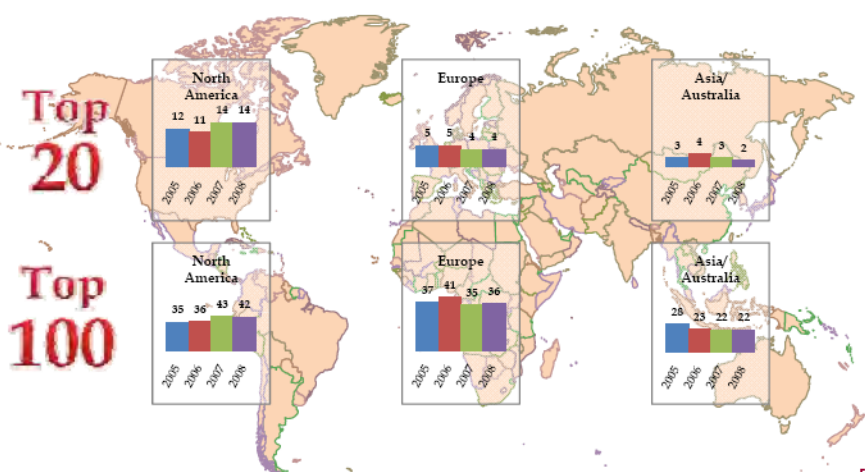
<http://www.topuniversities.com/>

Table 13.

[3]



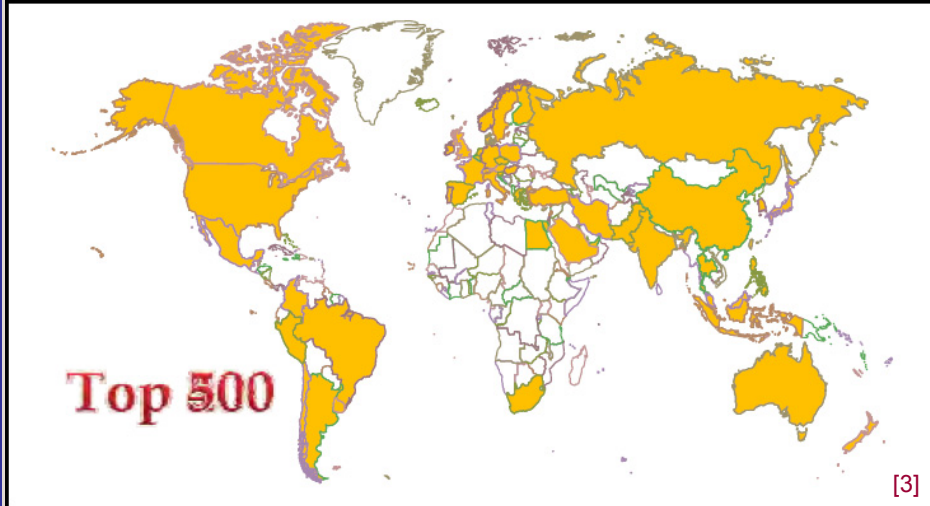
Where are the top universities?



[3]



In detail



VIPSI – 2010 Amalfi Italy



Consistency of Results

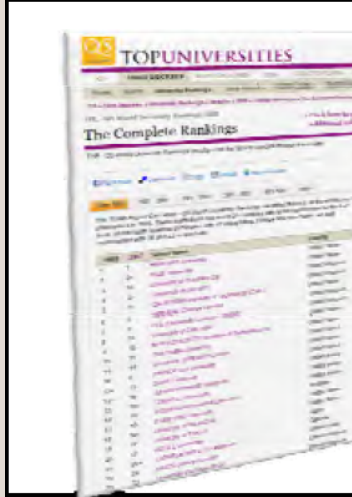
2008	2007	2006	2005	2004
1 Harvard	Harvard	Harvard	Harvard	Harvard
2 Yale	Cambridge	Cambridge	MIT	Berkeley
3 Cambridge	Yale	Oxford	Cambridge	MIT
4 Oxford	Oxford	MIT	Oxford	Caltech
5 Caltech	Imperial	Yale	Stanford	Oxford
6 Imperial	Princeton	Stanford	Berkeley	Cambridge
7 UCL	Chicago	Caltech	Yale	Stanford
8 Chicago	Caltech	Berkeley	Caltech	Yale
9 MIT	UCL	Imperial	Princeton	Princeton
10 Columbia	MIT	Princeton	Ecole Polytechnique	ETH Zurich

Table 14 [3]

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The Results



- Available at www.topuniversities.com
 - Top 100 for the following subject areas
 - Arts & Humanities
 - Engineering & IT
 - Life Sciences & Biomedicine
 - Natural Sciences
 - Social Sciences
 - World's oldest universities
 - Year on year results

[3]

THE - QS World University Rankings 2009 - top universities

2009 rank	School Name	Country
1	HARVARD University	United States
2	University of CAMBRIDGE	United Kingdom
3	YALE University	United States
4	UCL (University College London)	United Kingdom
5=	IMPERIAL College London	United Kingdom
5=	University of OXFORD	United Kingdom
7	University of CHICAGO	United States
8	PRINCETON University	United States
9	Massachusetts Institute of Technology (m...	United States
10	California Institute of Technology (calt...	United States
11	COLUMBIA University	United States
12	University of PENNSYLVANIA	United States
13	JOHNS HOPKINS University	United States

Table 15 [3]

DELHI 30th Jan
Meet top universities from around the world
Register Now >

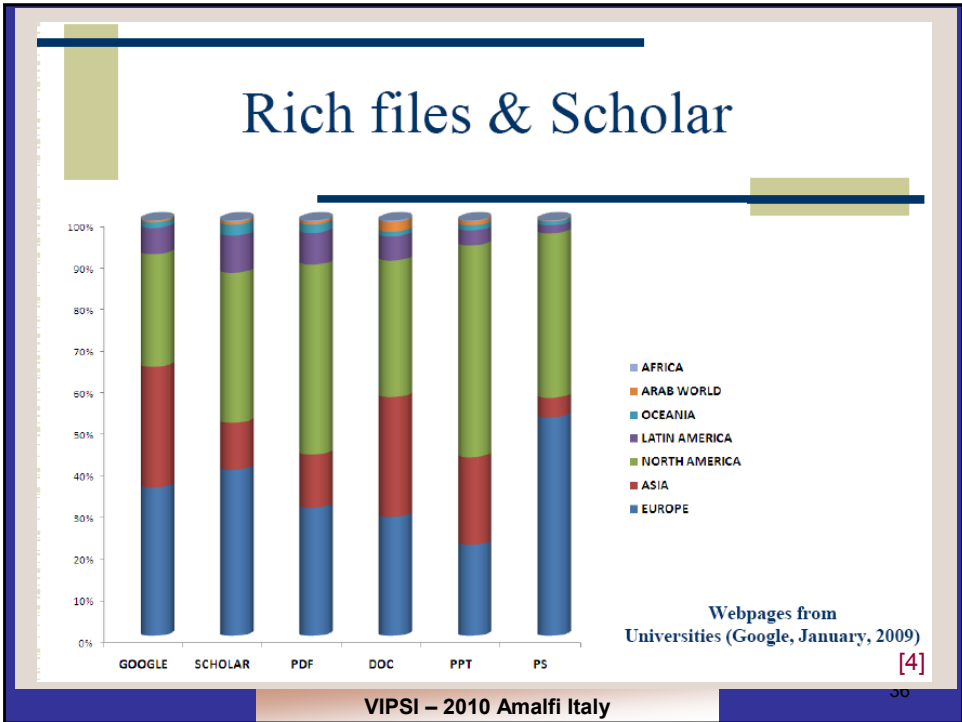
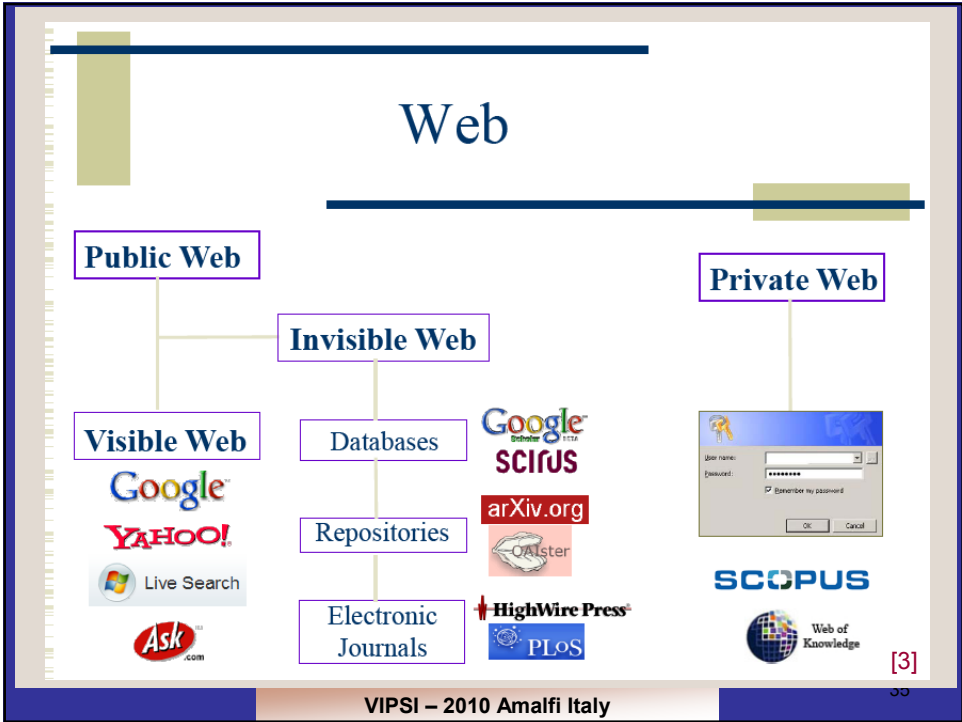
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Quantitative disciplines

informetrics
bibliometrics
scientometrics
cybermetrics
Webometrics

[3]
Adapted from Björneborn

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LARGEST UNIVERSITIES IN THE WEB							
DOMAINS	Webpages	PDF	DOC	PPT	PS	XLS	Scholar
<i>kaist.ac.kr</i>	7420000	26300	4300	8330	1460	734	41500
<i>psu.edu</i>	7240000	89700	27300	8560	2030	4110	41700
<i>mit.edu</i>	5700000	445000	8770	7110	17200	2940	42900
<i>berkeley.edu</i>	4870000	212000	12900	14600	9680	2390	18900
<i>stanford.edu</i>	4770000	323000	13700	13000	13300	3780	41200
<i>harvard.edu</i>	4460000	97200	7370	3350	4420	1210	378000
<i>ualberta.ca</i>	4370000	52100	4680	3330	2760	1040	6310
<i>kyoto-u.ac.jp</i>	4280000	74500	2740	2000	1890	611	14600
<i>wisc.edu</i>	3930000	221000	21700	11500	6140	3310	18900
<i>washington.edu</i>	3530000	153000	20000	9720	5070	2620	9990
<i>uiuc.edu</i>	3350000	244000	19500	28200	6120	3530	17200
<i>arizona.edu</i>	3140000	93500	15800	4670	3150	2700	11300
<i>cam.ac.uk</i>	3100000	69900	3740	1940	4720	405	7560
<i>ucsc.edu</i>	2730000	67900	3070	2150	3310	1240	2500
<i>unc.edu</i>	2540000	53700	17800	8050	2050	2580	5480
<i>ntu.edu.tw</i>	2530000	50800	33100	10300	946	2140	36200
<i>ncsu.edu</i>	2430000	97900	9440	3880	1270	1300	9340
<i>ucsd.edu</i>	2400000	80300	5830	6900	4880	1420	7360
<i>utah.edu</i>	2400000	43600	4910	2440	2770	908	5780
<i>liu.se</i>	2370000	39600	3540	846	3460	462	6450
14948 universities	634104299	27735767	6193873	1682537	832335	744946	4357181

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Table 16 [4]

Rankings

CRITERIA	WEBOMETRICS	ARWU	HEEACT	QS-THES
	Spain (research lab)	China (university)	Taiwan (gov agency)	United Kingdom (firm)
Univs analysed	17000	3000	3500	2000
Univs ranked	6000	500	500	500+
Teaching		Alumni Nobel 10%		Students/Staff 20%
Internatio- nalisation				% Foreign Students 5% % Foreign Professors 5%
Size	Webpages 20%	University 10%		
Research	Documents 15% Papers GS 15%	Nature&Science 20% Papers S&SSCI 20%	Papers S&SSCI 20%	
Impact	Links 50%	Highly Cited Researchers 20%	Highly Cited Res 50% Cit High IF Journals 30%	Citations Scopus 20%
Prestige		Faculty Nobel 20%		Academic Survey 40% Employers Survey 10%

Table 17. [2]

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According to the latest edition of the:
**2009 Performance Ranking of Scientific
Papers for World Universities**
published by:
Higher Education & Accreditation Council of
Taiwan
the rank list of the top 10 universities in the
world space of higher education in October
2009 was the following [5] :

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World Rank ▲	University	11 years articles	Current articles	11 years citations	Current citations	Ave. citations	H-Index	HiCi papers	Hi-Impact journal articles	Total score
1	Harvard University	100.00	100.00	100.00	100.00	61.41	100.00	100.00	100.00	96.14
2	Johns Hopkins University	56.57	54.83	46.44	48.49	50.41	74.67	37.10	43.27	52.67
3	Stanford University	51.45	49.20	43.51	43.18	51.93	72.00	45.23	43.47	51.63
4	University of Washington - Seattle	55.38	51.77	44.67	40.39	49.54	65.33	38.93	39.31	48.98
5	University of California - Los Angeles	57.01	53.85	39.67	41.45	42.73	64.00	36.23	39.02	47.56
6	University of Michigan - Ann Arbor	55.96	55.52	37.42	37.27	41.05	62.67	31.42	38.28	45.71
7	Massachusetts Institute of Technology	37.35	36.90	31.48	37.56	51.75	72.00	38.97	34.07	44.86
8	University of California - Berkeley	49.84	45.17	36.00	35.96	44.35	60.00	40.29	33.87	44.26
9	University of Pennsylvania	48.61	45.31	35.48	36.82	44.82	66.67	28.72	35.26	44.03
10	Columbia University	45.24	44.94	32.63	34.84	44.30	64.00	30.34	35.87	42.92

Table 18 Performance Ranking of Scientific Papers for World Universities in 2009 [5]

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<http://ranking.heeact.edu.tw>

On the basis of the performed analysis I think that we do not have enough time to achieve the goals of the Lisbon Declaration in the European Higher Education Area by the year 2010 [6].

PROPOSAL

I propose the adoption of a new (Lisbon) strategy in the European Higher Education Area in the year 2010

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Questions?

Thank you!

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