

'Research and research linkages ranking': key outcomes by university age

Age group (# PhD awarding HEIs) PhD award. as % group Group as % of total	Citation rate % of group with A score Top ranked HEI % of top 100 from group	Public. (absolute #) % of group with A score Top ranked HEI % of top 100 from group	Public. (size norm.) % of group with A score Top ranked HEI % of top 100 from group	Top cited public. % of group with A score Top ranked HEI % of top 100 from group	Industry co-public. % of group with A score Top ranked HEI % of top 100 from group	International co- public. % of group with A score Top ranked HEI % of top 100 from group	Regional co-public. % of group with A score Top ranked HEI % of top 100 from group	A's on all indicators # of group with 7 A's % of group with 7 A's
Established:								
1. pre-1870 (291 HEIs) 95% 27%	38% MIT 52%	70% Harvard U 57%	60% U Virginia 39%	48% MIT 46%	50% ENS Mines ParisTech 29%	38% U Mons 46%	37% Agro ParisTech 23%	10 3,4%
2. 1870 - 1945 (351 HEIs) 94% 33%	22% Rockefeller U 34%	49% U São Paulo 35%	44% Rockefeller U 29%	28% Rockefeller U 35%	35% Telecom ParisTech 34%	23% Sch. Hygiene & Trop.Med. 24%	38% INPT Toulouse 27%	4 1,1%
3. 1945 - 1980 (318 HEIs) 95% 29%	14% U California, Santa Cruz 13%	38% U California, Los Angeles 8%	42% Mt. Sinai Sch. Medicine 23%	22% U California, Santa Cruz 15%	29% Eindhoven U Tech 32%	21% King Abdulaziz U 17%	38% Moscow Inst Phy & Tech 33%	2 0,6%
4. post-1980 (127 HEIs) 65% 12%	10% IMT Lucca 1%	10% Dalian U Tech, China 0%	20% Japan Adv Inst Sci & Tech 9%	18% Open U Netherlands 4%	18% Japan Adv Inst Sci & Tech 5%	24% U Luxembourg 13%	39% U Fernando Pessoa (PT) 16%	0 0%
Total (1087 HEIs) 90%	23% (overall % of A scores)	47%	45%	31%	36%	27%	38%	16 1,5%