AD Scientific Index

Rankings for Scientist

University, Subject, Country, Region, World

Finland

Top 10000 Scientists

AD Scientific Index 2024

September 10 2024

Finland Top 10000 Scientists
"AD Scientific Index 2024" World Scientist and University Rankings 2024

(Total 2.411.701 scientist, 219 country, 24.318 university)

What is the AD Scientific Index (Alper-Doger Scientific Index)? Developed by Prof. Dr. Murat Alper and Associate Prof. Dr. Cihan Döğer in 2021, the AD Scientific Index is an independent, international ranking system that evaluates the academic impact of scientists and institutions. The AD Scientific Index analyzes 24.318 institutions and 2.411.701 scientists across 219 countries in 12 major academic fields and 197 disciplines. Based on data obtained from Google Scholar and subjected to multiple levels of data filtering, this study provides a comprehensive assessment of scientists' productivity coefficients, taking into account total and last six years' h-index, i10-index scores, and citation counts. Through its academic rankings, analyses, and comparative results, the AD Scientific Index offers extensive data that facilitates the monitoring, evaluation, and development of policies for enhancing the scientific contributions of both individual academics and institutions.

Why is the AD Scientific Index (Alper-Doger Scientific Index) Needed? The AD Scientific Index, World Scientist and University Rankings, is unique in that it is the first and only system to provide a dual analysis of both the total and six-year productivity coefficients of scientists, based on h-index, i10-index, and citation data. This dual focus is crucial for accurately assessing both historical impact and recent academic performance. Moreover, the index evaluates scientists across various academic fields, institutions, and countries, offering both ranking and in-depth analysis, which is essential for tracking academic progress and identifying trends within the global scientific community.

What are the h-index and i10-index? The h-index is a widely recognized metric that evaluates both the productivity and citation impact of a researcher's published work. It is determined by the number of publications (h) that have received at least h citations each. For example, an h-index of 15 signifies that a researcher has authored 15 papers, each cited at least 15 times. A higher h-index reflects a sustained impact in the academic field. The i10-index, calculated by Google Scholar, counts the number of publications with at least 10 citations. This metric, while simpler, offers a valuable perspective on a researcher's consistent academic influence over time.

How is the "AD Scientific Index" "World Scientist and University Rankings" Different from Other Rankings? The AD Scientific Index distinguishes itself by offering a comprehensive analysis that includes both the total and last six years of h-index, i10-index, and citation data. This approach allows for a nuanced understanding of academic productivity and impact. Furthermore, the index ranks institutions by comparing them to all other institutions and then within specific categories, such as private and public universities. This layered ranking system provides a clearer picture of institutional performance in various contexts. Additionally, the index serves as a tool for identifying and addressing academic misconduct, including issues like plagiarism and unethical authorship practices.

The presence of valuable and productive scientists is fundamental to key parameters in

traditional academic rankings, such as universities' international reputation, research quality, teaching capacity, and industrial collaborations. These parameters are shaped largely by the academic achievements of these scientists. AD Scientific Index's in-depth focus on these scientists at an individual level reveals the underlying factors driving universities' overall performance in general rankings. Since many elements highlighted in other rankings are directly linked to the number of "valuable and productive scientists," AD Scientific Index underscores the significant influence of individual scientific contributions on a university's overall success. Unlike other rankings that rely on datasets accessible to only a limited number of institutions, the data on valuable and productive scientists are widely accessible, offering equal opportunities to all institutions and countries. By leveraging this accessibility, AD Scientific Index provides a more inclusive and comprehensive analysis, allowing institutions worldwide to be recognized for their strengths. This democratizes the ranking process and emphasizes the universal importance of individual scientists in shaping the success and reputation of universities, creating a level playing field for all institutions.

Unique Features of the "AD Scientific Index" "World Scientist and University Rankings"

1. **Academic and Economic Independence:** The AD Scientific Index takes pride in its complete academic and economic independence, ensuring that our evaluations are free from external influences. This independence allows us to provide fair and unbiased assessments of academic performance, offering equal opportunities regardless of country, language, subject matter, or type of scientific publication. Our commitment to impartiality guarantees that scholars and institutions are judged solely on the merit of their academic contributions.
2. **Transparent and Rigorous Methodology:** At AD Scientific Index, we use open-source and verifiable data to ensure a transparent and rigorous methodology. Our data handling processes, the algorithms we employ, and the weighting of these algorithms are clearly defined, accessible, and open to scrutiny. By openly sharing how each criterion is weighted and calculated, we enable our users to fully understand the ranking process, actively participate in identifying and correcting any errors or ethical issues, and build greater trust in our system. This approach ensures that all evaluations are conducted fairly, in line with the principles of impartiality and equal opportunity.
3. **Comprehensive Evaluation:** The index uniquely shows the status of universities, institutions, hospitals, and companies, both in total and over the last six years, according to h-index, i10-index, and citation counts. This dual focus is not available in other ranking systems.
4. **Institutional Progress Analysis:** It tracks and analyzes the progress of institutions over the last six years, providing insights into how universities evolve over time.
5. **Public vs. Private Comparison:** The index compares public universities with each other, as well as private universities, companies, hospitals, and institutes, both in total and over the last six years, based on h-index, i10-index, and citation metrics.
6. **Scientific Ranking Distribution:** It analyzes the scientific ranking of academic staff within institutions according to percentiles, offering a detailed breakdown of where institutions stand globally.
7. **Individual Status Tracking:** The index provides a detailed view of individuals' standings according to their h-index, i10-index, and citation counts, both in total and over the last six years.
8. **Global and Regional Rankings:** It ranks 2.411.701 individuals by 24.318 institutions, 219 country, 10 regions, and field globally, providing a comprehensive overview of their

academic standing. The importance of ranking individuals and institutions according to specific branches and sub-disciplines cannot be overstated. This detailed analysis ensures that both niche specializations and broad fields of study are accurately represented, allowing for a more precise understanding of where individuals and institutions excel.

9. **Top List Reports:** The index generates top list reports for institutions by country, region, and globally, allowing for easy identification of leading institutions.

10. **Constantly Updated Rankings:** Unlike other ranking systems that may update annually, the AD Scientific Index renews its rankings continuously, ensuring that the data remains current and relevant.

11. **Valuing Feedback and Contributions:** We highly value feedback and contributions from the academic community. By actively seeking and incorporating this input, the AD Scientific Index continuously refines its methodology, ensuring that rankings are accurate and up-to-date. This collaborative approach helps maintain the index's integrity and relevance, fostering a transparent and dynamic ranking system.

12. **Increased Visibility and Early Detection of Ethical Violations:** Excessive publishing, gift authorship, honorary authorship, citation cartels, fake paper factories, and other fraudulent practices pose serious ethical risks in the scientific world. These practices can undermine research quality and reliability, leading to a significant loss of trust in scientific literature. However, one of the key advantages of the database we use is its ability to make these ethical violations—previously thought to go unnoticed—highly visible and detectable at both individual and institutional levels from an early stage.

13. **"Art and Humanities Rankings" and "Social Sciences and Humanities Rankings": Ensuring Fair Comparisons:** Fields such as Art, Humanities, and Social Sciences are often overshadowed by the emphasis on the natural sciences in traditional rankings. To address this imbalance, we have developed separate **Art and Humanities Rankings** and **Social Sciences and Humanities Rankings**. By utilizing Google Scholar, which includes a broader range of academic outputs such as books and theses, we ensure fair and comprehensive representation of these fields. These rankings allow for distinct evaluations that consider the unique contributions of art, humanities, and social sciences, leveling the playing field against the natural sciences. This approach enables institutions to be fairly compared at national, continental, and global levels.

Data Source Approach

Ranking organizations rely on leading databases like Scopus (Elsevier), Web of Science (Clarivate Analytics), Google Scholar, and Nature Index for publication and citation analysis. Each of these databases offers unique strengths in evaluating academic performance, but they also come with certain limitations. Our Approach: We value ranking both institutions and individuals, and we adopt a methodology that is global, practical, and more inclusive. While maximizing the strengths of our chosen data source, we are mindful of its inherent limitations. To address these, we implement strategic approaches and continuously audit the data to enhance accuracy. By recognizing the limitations of our data source, we apply effective monitoring tools to mitigate these issues. These tools help us identify and correct errors, ensuring ongoing improvements in data quality. During this process, more attention has been given to nearly one million individual profiles, comprehensive data cleansing has been carried out, and many profiles have been deleted. Our focus is not only on the correct usage of existing data but also on the continual enhancement of its quality.

In summary, our methodology is built on a global and inclusive perspective, optimizing the

strengths of our selected data source while addressing potential errors and limitations through robust auditing mechanisms. This approach ensures that our rankings are increasingly accurate, reliable, and meaningful at both individual and institutional levels.

How Often is the Ranking Updated?

The AD Scientific Index is updated regularly to ensure the rankings reflect the most recent academic achievements. New entries, deletions, corrections, and changes typically become visible within one to three days. The h-index, i10-index, and citation numbers in profiles are updated every 60 to 90 days. Data for the rankings is primarily collected from Google Scholar, with a strong emphasis on standardizing names, institutions, and other relevant data. Due to the vast amount of information and varying formats from different sources, data cleansing and updates are ongoing and meticulous processes. Contributions from users to enhance data accuracy are always welcomed, helping to maintain the reliability and relevance of the index.

How Can I Be Included in the List? The AD Scientific Index is continuously expanding, currently including 2.411.701 scientists from 24.318 institutions across 219 countries. While the list regularly grows, new additions are limited to individual and institutional registrations to ensure data integrity and reliable results. To be included in the AD Scientific Index, please note that we do not accept requests via email or other communication channels. The only way to be considered for inclusion is by registering through the Register link provided on our website. This ensures that your information is accurately recorded and kept up to date in our system.

Who Can Be Included in the List and Reasons for Exclusion AD Scientific Index has included 2.411.701 scientists from 219 countries, 24.318 institutions, and 197 branches based on their publicly available Google Scholar profiles. *If you cannot find a particular name on the list, it does not diminish the scientific value of that individual; it simply means they do not appear on the list for various reasons.* However, there are several reasons why a scientist might not be included in the list:

1. **Technical and Resource Limitations**: While we aim to be as comprehensive as possible, it is technically and logistically impossible to include every researcher in the world. The large number of researchers at the individual level, along with factors such as deaths, retirements, frequent institutional changes, exclusions due to ethical violations, as well as mergers, name changes, closures, and the establishment of new institutions, creates a significant workload to keep the data up to date, making it challenging to ensure comprehensive coverage. To maintain data accuracy and currency, the expansion will be limited to registrations made through the Register link.
2. **Absence of a Google Scholar Profile:** Researchers who do not maintain a Google Scholar profile, or whose profile is not public, cannot be included in the index.
3. The scientist's **preference not to appear** on the list or their request to be removed from the list.
4. **Incomplete or Inaccurate Profile Information:** Profiles that lack sufficient information or contain irrelevant data may be excluded from the index. This ensures that the rankings are based on comprehensive and reliable information.
5. **Changes in Profile Visibility:** If a researcher's Google Scholar profile shifts between public and private settings or if there are inconsistencies in the data, the profile may be excluded during updates.
6. **Ethical Concerns:** Profiles found to contain unethical elements, such as misleading publication records or false membership information, and profiles with retracted articles will

be removed from the index. Institutions are encouraged to monitor and verify the profiles of their staff to maintain academic integrity.

7. **Profile Deletion Due to Inaccessibility:** Profiles that become inaccessible during periodic updates or due to technical issues may also be removed from the list. Researchers are advised to regularly check and update their profiles to ensure continued inclusion.

Ensuring Ethical Integrity and Accuracy in Profile Information: The accuracy of profile information is an ethical responsibility of each individual scientist. To prevent the dissemination of misleading or inaccurate information, institutions, countries, and professional societies are encouraged to periodically review the profiles of their affiliated scientists. We place significant importance on addressing reports of incorrect, misleading, or ethically questionable profile information. Maintaining the integrity and reliability of the data within the AD Scientific Index is our top priority, and we reserve the right to remove profiles without notice, including those with paid registrations, if they are found to violate ethical standards, without issuing a refund.

Is it Necessary to Register to See Your Ranking? Registration is not required to find out your ranking in the AD Scientific Index. Scientists with similar h-index, i10-index, and citation counts will be ranked accordingly. However, registration is necessary to be included in the ranking with all its detailed elements.

Ranking Criteria

The AD Scientific Index employs a comprehensive and multi-dimensional approach to ranking scientists and institutions based on key indicators of academic impact:

- **Total h-index scores:** Reflects the cumulative academic influence of a researcher across their entire career.
- **Last 6 years' h-index scores:** Emphasizes recent academic productivity and impact.
- **Total i10 index scores:** Indicates the number of publications with at least 10 citations, showcasing the breadth of high-impact work.
- **Last 6 years' i10 index scores:** Focuses on recent high-impact publications, highlighting the researcher's productivity in recent years.
- **Total number of citations:** Measures the cumulative impact of a researcher's publications.
- **Number of citations in the last 6 years:** Highlights the recent citation impact of a researcher's work.

H-Index Rankings Criteria

H-index rankings assess the overall academic influence and impact of scientists within their respective fields. Researchers are ranked by their university, country, region, and globally based on their h-index, which captures both the quantity and quality of their scholarly output.

- *Primary Ranking:* The total h-index is the primary criterion.
- *Additional Factors, in order:* The last 6 years' h-index score, total i10 index score, and total number of citations are used sequentially.

i10 Index Productivity Rankings Criteria

i10 Index Productivity Rankings focus on identifying scientists who are particularly effective in

producing high-value, highly-cited research.

- *Primary Ranking:* The total i10 index score is the primary criterion.
- *Additional Factors, in order:* The last 6 years' i10 index score, total h-index score, and total number of citations are considered sequentially.

<u>Citation Rankings Criteria</u>

Citation Rankings (Highly Cited Researchers) emphasize the recognition and influence of a scientist's work based on the total number of citations received.

- *Primary Ranking:* The total number of citations is the primary criterion.
- *Additional Factors, in order:* The number of citations in the last 6 years, total i10 index score, and last 6 years' i10 index score are used to further refine the rankings.

These criteria are applied to evaluations focused on the last 6 years. Institutions are also ranked according to these same criteria at the national, regional, and global levels, ensuring a thorough and accurate assessment of academic performance across different organizational contexts.

By applying these criteria across both long-term and recent time frames, the AD Scientific Index provides a comprehensive and balanced evaluation of a scientist's and institution's impact, offering a clear picture of their contributions to the academic community.

Studies Influencing Ranking Due to High Citation Numbers For studies with an unusually high number of citations, such as those from CERN, ATLAS, ALICE, CMS, or those involving statistical data, guidelines, and updates, we have implemented a procedure to ensure fairness in the rankings. Authors of such papers are marked with an asterisk "i" at the end of their names to indicate this distinction. This helps maintain the integrity of the rankings by recognizing these studies appropriately without allowing them to disproportionately influence the overall results. Additionally, there is an option to view a list that excludes these types of studies to further ensure balanced rankings.

Why Are Last 6 Years' Ratios Important? The h-index, i10 index, and the ratio of citations in the last six years to the total number of citations are crucial metrics that reflect both the individual performance of scientists and the impact of institutional policies on the broader academic landscape. These ratios provide a clear indication of recent productivity and influence.

[Subject Rankings:] Which Subjects are Ranked in the AD Scientific Index?

The AD Scientific Index offers an unparalleled depth of analysis by categorizing academic achievements into 197 sub-disciplines across various major fields of study. This level of detailed differentiation among sub-disciplines provides an analytical depth not commonly found in other academic ranking systems. The sub-disciplines have been defined based on the branches and departments within universities rather than research fields or areas of interest. This approach allows for a clearer categorization of academic activities and contributions, aligning more closely with the organizational structure and educational programs of universities. As a result, the unique characteristics and academic impact of each branch and department within the university can be more accurately and thoroughly analyzed by the AD Scientific Index.

Agriculture & Forestry: Agricultural Biotechnology, Agricultural Economics, Agricultural

Engineering, Agricultural Mechanization, Agriculture, Animal Science, Crop Sciences, Entomology & Pesticides, Fisheries, Forestry, Horticulture, Plant Science, Poultry Production, Soil and Water Engineering and Conservation, Soil Sciences and Plant Nutrition.

Architecture & Design : Architecture, Design, Urban Planning, Interior Architecture.

Business & Management: Business Administration, Communications and Media Studies, Decision Science and Operations Management, Entrepreneurship, Human Resource Management, Marketing, Public Administration, Strategic Management.

Economics & Econometrics: Accounting & Finance, Banking and Insurance, Economics, Environmental Economics, Financial Economics, International Trade.

Education: Early Childhood Education, Education (Other, All), Educational Administration, Educational Psychology, Educational Technology, Foreign Language Education, Guidance and Counseling, Mathematics and Science Education, Physical Education and Sport Science, Sociology of Education, Special Education.

Engineering & Technology: Aerospace Engineering, Automotive Engineering, Bioengineering, Biomaterials and Tissue Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Science, Earth Sciences, Electrical & Electronic Engineering, Electrical & Information Engineering, Energy Engineering, Environmental Science & Engineering, Food Science and Engineering, Geomatics Engineering, Industrial & Manufacturing Engineering, Marine Sciences and Engineering, Mechanical Engineering, Mechatronics Engineering, Metallurgical & Materials Engineering, Meteorology & Atmospheric Sciences, Mining Engineering, Nanoscience and Nanotechnology, Nuclear Engineering, Petroleum Engineering, Textile Engineering.

History, Philosophy, Theology: History, Philosophy, Theology.

Law / Legal Studies: Business-Corporate Law, Civil Law, Constitutional Law, Criminal Law, Employment Law, Environmental Law, European Union Law, International Law, Islamic Law, Law and Legal Studies, Public Law, Tax Law.

Medical and Health Sciences: Anatomy, Anesthesiology and Reanimation, Audiology and Speech Pathology, Bacteriology, Biochemistry, Biophysics, Biostatistics, Cardiology, Cardiovascular Surgery, Chest Diseases, Child and Adolescent Psychiatry, Clinical Pathology, Dentistry, Dermatology and Venereology, Emergency Medicine, Endocrinology and Metabolism, Epidemiology and Public Health, Family Medicine, Forensic Medicine, Gastroenterology, General Surgery, Geriatrics, Health Administration, Health Sciences, Hematology, Histology and Embryology, Immunology, Infectious Diseases, Intensive Care, Internal Medicine, Medical Biochemistry, Medical Biology, Medical Education, Medical Genetics, Medical Microbiology, Medical Mycology, Medical Oncology, Medical Physics, Medical Physiology, Microbiology, Molecular Biology, Mycology, Neonatology, Nephrology, Neurology, Neuroscience, Neurosurgery, Nuclear Medicine, Nursing and Midwifery, Nutrition and Dietetics, Obstetrics and Gynecology, Occupational Medicine, Ophthalmology, Optometry, Orthopedics and Traumatology, Otorhinolaryngology, Parasitology, Pathology, Pediatric Allergy and Immunology, Pediatric Cardiology, Pediatric Emergency, Pediatric Endocrinology and Metabolism, Pediatric Gastroenterology, Pediatric Hematology, Pediatric Infectious Diseases, Pediatric Intensive Care, Pediatric Nephrology, Pediatric Neurology, Pediatric Pulmonology, Pediatric Rheumatology, Pediatric Surgery, Pediatrics and Child Health, Perinatology, Pharmaceutical Sciences,

Pharmacology, Pharmacology and Toxicology, Pharmacy & Pharmaceutical Sciences, Physical Medicine, Physiology, Physiotherapy, Plastic Surgery, Podiatry, Psychiatry, Radiation Oncology, Radiographer, Radiology, Rheumatology, Thoracic Surgery, Urology, Veterinary Sciences, Virology.

Natural Sciences: Biological Science, Chemical Sciences, Geography, Mathematical Sciences, Molecular Biology & Genetics, Physics.

Social Sciences: Anthropology, Archeology, Arts, Child Development, Demography, Higher Education Studies, Housing, International Relations, Library and Information Science, Linguistics and Literature, Open and Distance Education, Political Science, Psychology, Regional Studies, Social Policy, Social Science, Social Work, Sociology, Tourism & Hospitality, Transportation Science & Technology.

This meticulous categorization within the AD Scientific Index ensures that academic contributions are recognized in their specific contexts, offering a richer and more accurate depiction of scholarly impact.

Ranking Criteria for Universities

AD Scientific Index has developed its institutional ranking methodology based on the belief that the most valuable asset of an academic institution is its "Valuable and Productive Scientist," with all other aspects and processes being by-products of this core value.

We offer rankings that encompass all types of institutions, including universities, private universities, public universities, institutions, hospitals, and companies, as well as specific rankings within these relevant categories. For example, a private university can view its ranking within its country, region, and the world among all institutions, all private universities, and all universities.

Institutional rankings in the AD Scientific Index are determined by analyzing the distribution of scientists within the top 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, and 90% of the institution's performance metrics. Institutions that have a greater number of scientists within these percentile bands achieve higher rankings. If two institutions have an equal number of scientists in a particular range, the next percentile range is considered. If the tie persists, the institution with the higher overall number of individual scientists is ranked higher.

The AD Scientific Index offers a unique and comprehensive platform for evaluating 24,500 institutions across multiple dimensions, including Total h-index, Last 6 Years h-index, Total i10 Index, Last 6 Years i10 Index, Total Citations, and Last 6 Years Citations. This in-depth analysis allows institutions to assess their strengths and identify areas for improvement by examining subject-specific and global percentile rankings.

Young University/Institution Rankings

We present the Young University/Institution Rankings, evaluating universities, research institutes, companies, and hospitals established within the last 30 years that produce science and employ scientists. This ranking determines these institutions' place in the global scientific community, demonstrating that 30 years is a sufficient period to assess their development and impact. Our analysis aims to objectively identify the strengths and weaknesses of young institutions, helping them shape their strategies and formulate their policies.

[Social Sciences and Humanities Rankings](#)

The "Social Sciences and Humanities Rankings" is a unique ranking that consists of fields such as **Business & Management, Economics & Econometrics, Education, History, Philosophy, Theology, Law,** and **Social Sciences.** This ranking excludes areas such as **Medicine, Engineering,** and **Natural Sciences,** allowing for a more equitable assessment within the social sciences and humanities. As a result, individuals and institutions in these fields are evaluated based on their achievements without being overshadowed by the stronger disciplines of the natural sciences.

[Art and Humanities Rankings](#)

The "Art and Humanities Rankings" is a specialized ranking that includes fields such as **History, Philosophy, Theology, Linguistics and Literature, Archaeology,** and **Arts.** By focusing solely on these disciplines, this ranking provides a more balanced evaluation of individuals and institutions, ensuring that their achievements in the arts and humanities are recognized without being overshadowed by the dominance of fields like **Medicine, Engineering,** and **Natural Sciences.** This allows for a fairer comparison based on success within these creative and scholarly disciplines.

Pricing Policy

At AD Scientific Index, most of our services, including access to individual and institutional rankings, are offered free of charge. However, for those seeking more advanced features, we also provide premium services.

Free Services:

- You can directly access individual and institutional rankings through the main page links in the site header. Additionally, *the most comprehensive academic data, by far, which you can access without a password and free of charge for both individuals and institutions, is available on the AD Scientific Index.*

Premium Services:

- For a one-time fee covering three years, you can gain access to more comprehensive analyses and have the ability to input and modify your own data on the Scientist and Institution pages.
- Our premium services allow you to register, edit, and manage your rankings and data, giving you full control over your academic profile.
- Differentiated Pricing Based on Income Levels: To promote greater accessibility and equity, AD Scientific Index employs a differentiated pricing model based on the income levels of different countries. We understand that the financial capacity of institutions and individuals varies across different regions, and we are committed to ensuring that our services are available to as broad an audience as possible.

As an independent organization, AD Scientific Index is committed to providing our community with the best and most reliable academic ranking and analysis services.

Click here for <u>individual</u> and discounted <u>institutional</u> bulk registration.

Privacy- Data Policy: We respect your personal rights and your requests for the deletion of your data. For more information, please **[click](#)**

Contact- FAQ Frequently Asked Questions and Answers

Table I. Number of scientists in Finland top 10.000 according to Country

#	Country	Country Region Rank	Country World Rank	Scientists in Finland Top 10.000	Total Institutions	Total Scientist
1	Finland	12	23	10000	74	9162

Table II. All Types Institutions in Finland top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	University of Helsinki	1	32	104	Finland	Public	1640	2171	138	419	764	1078
2	University of Oulu	2	158	398	Finland	Public	1958	842	44	143	253	367
3	University of Turku	3	165	412	Finland	Public	1920	845	41	138	287	386
4	Jyväskylä University	4	171	428	Finland	Public	1934	776	32	132	268	387
5	Aalto University	5	179	459	Finland	Public	2010	1127	38	123	248	380
6	University of Eastern Finland	6	184	471	Finland	Public	2010	608	41	121	226	299
7	Tampere University	7	210	517	Finland	Public	2019	926	25	110	239	365
8	Natural Resources Institute, Finland	8	266	640	Finland	Institution	2015	391	11	83	191	268
9	Abo Akademi University	9	436	1063	Finland	Public	1918	279	12	39	83	122
10	Lappeenranta University of Technology	10	447	1091	Finland	Public	1969	377	7	37	96	149
11	Finnish Environment Institute SYKE	11	480	1169	Finland	Institution	1995	158	4	34	79	116
12	Nokia	12	531	1303	Finland	Company	1865	194	5	30	66	115
13	VTT Technical Research Centre of Finland	13	536	1319	Finland	Institution	1942	352	5	29	86	162
14	Finnish Meteorological Institute	14	546	1343	Finland	Institution	1838	122	6	29	50	75
15	National Institute for Health and Welfare	15	623	1502	Finland	Institution	2009	70	9	24	42	53

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
16	Hanken School of Economics	16	818	1973	Finland	Public	1909	83	3	16	28	41
17	Finnish Institute Occupational Health	17	994	2478	Finland	Institution	1945	40	5	11	19	28
18	National Land Survey of Finland	18	1039	2590	Finland	Institution	1812	43	2	10	22	30
19	University of Lapland	19	1223	3083	Finland	Public	1979	90	0	7	26	37
20	Geological Survey of Finland	20	1524	3978	Finland	Institution	1885	61	0	4	14	26
21	Orion Corporation	21	1792	4789	Finland	Company	1917	12	1	3	6	9
22	European Forest Institute	22	2030	5526	Finland	Institution	1993	18	1	2	5	10
23	Novia University of Applied Sciences (Sydvast Polytechnic)	23	2111	5831	Finland	Public	1996	15	0	2	3	5
24	BioMediTech	24	2182	6085	Finland	Company	2006	2	1	2	2	2
25	Jyvaskyla University of Applied Sciences	25	2312	6529	Finland	Public	1994	26	0	1	5	8
26	Turku University of Applied Sciences	26	2396	6861	Finland	Public	1992	27	0	1	3	6
27	University of the Arts Helsinki	27	2506	7260	Finland	Public	2013	23	0	1	2	4
28	Cancer Society of Finland	28	2575	7626	Finland	Institution	1987	4	1	1	2	2
29	Haaga Helia University of Applied Sciences	29	2601	7719	Finland	Private	1991	24	0	1	1	9
30	Outokumpu	30	2671	8099	Finland	Company	2010	3	0	1	1	2
31	Nexstim	31	2739	8509	Finland	Company	2001	1	0	1	1	1
32	University of Vaasa	32	2870	8974	Finland	Public	1966	13	0	0	4	6

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
33	HAMK University of Applied Sciences	33	2872	8982	Finland	Public	1995	26	0	0	4	5
34	Bank of Finland	34	2929	9192	Finland	Company	1812	21	0	0	3	4
35	Satakunta University of Applied Sciences	35	2952	9289	Finland	Public	1997	13	0	0	3	4
36	Southeast Finland University of Applied Sciences XAMK	36	3036	9567	Finland	Private	2017	15	0	0	2	4
37	Laurea University of Applied Sciences	37	3057	9679	Finland	Public	1992	22	0	0	2	4
38	Helsinki Metropolia University of Applied Sciences (Evtek, Stadia)	38	3137	10010	Finland	Public	1881	12	0	0	2	2
39	Arcada Polytechnic	39	3241	10445	Finland	Private	1998	17	0	0	1	5
40	Finnish Institute of International Affairs	40	3290	10631	Finland	Institution	1961	18	0	0	1	3
41	Diaconia University of Applied Sciences	41	3381	11074	Finland	Public	1996	6	0	0	1	1
42	Lapland University of Applied Sciences	42	3416	11252	Finland	Public	2014	6	0	0	1	3
43	Helsinki Institute for Information Technology	43	3419	11272	Finland	Institution	2017	6	0	0	1	1
44	Kokkola University Consortium Chydenius	44	3429	11299	Finland	Public	1863	7	0	0	1	1
45	KONE	45	3441	11367	Finland	Company	1910	5	0	0	1	3
46	Kajaani Polytechnic	46	3499	11695	Finland	Public	1992	5	0	0	1	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
47	Radiation and Nuclear Safety Authority Finland	47	3631	12409	Finland	Institution	1997	1	0	0	1	1
48	BIOS Research Unit	48	3647	12454	Finland	Institution	2014	1	0	0	1	1
49	Business Finland	49	3666	12534	Finland	Public	2018	1	0	0	1	1
50	Seinajoki University of Applied Sciences	50	3784	13018	Finland	Public	1992	11	0	0	0	3
51	Centria University of Applied Science	51	3858	13431	Finland	Private	1991	9	0	0	0	0
52	LAB University of Applied Sciences	52	3914	13720	Finland	Public	1992	12	0	0	0	2
53	Oulu University of Applied Sciences	53	3931	13863	Finland	Public	1996	10	0	0	0	1
54	F-Secure	54	3983	14137	Finland	Company	1988	4	0	0	0	1
55	Niilo Mäki institute	55	3988	14164	Finland	Institution	1902	4	0	0	0	0
56	United Nations University World Institute for Development Economics Research	56	4045	14456	Finland	Institution	1984	9	0	0	0	1
57	Karelia University of Applied Sciences	57	4155	15186	Finland	Public	1992	3	0	0	0	1
58	Arctic Planetary Science Institute	58	4220	15448	Finland	Institution	1972	2	0	0	0	1
59	Savonia University of Applied Sciences	59	4272	15770	Finland	Public	2014	6	0	0	0	1
60	Aland Polytechnic	60	4364	16502	Finland	Public	2003	3	0	0	0	1
61	Vincit	61	4453	17120	Finland	Company	2007	2	0	0	0	1
62	Planmeca	62	4559	17892	Finland	Company	1969	1	0	0	0	1
63	Nightingale Health	63	4564	17909	Finland	Company	2002	1	0	0	0	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
64	Kotka Maritime Research Centre	64	4570	17926	Finland	Institution	2005	1	0	0	0	1
65	Orion Pharma	65	4582	17964	Finland	Company	1917	1	0	0	0	1
66	Valmet Automotive	66	4612	18051	Finland	Company	1968	1	0	0	0	1
67	Sweco	67	4623	18093	Finland	Private	1997	1	0	0	0	0
68	Specim	68	4671	18258	Finland	Company	1995	1	0	0	0	0
69	FIGMA	69	4676	18280	Finland	Company	2019	1	0	0	0	0
70	HUMAK University of Applied Sciences	70	4801	19565	Finland	Public	1998	2	0	0	0	0
71	Okmetic	71	4903	20866	Finland	Company	1985	1	0	0	0	0
72	Beddit	72	4928	20990	Finland	Company	2006	1	0	0	0	0
73	Metso Outotec	73	4930	20995	Finland	Company	1999	1	0	0	0	0

Table III. All Universities in Finland top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	University of Helsinki	1	30	98	Finland	Public	1640	2171	138	419	764	1078
2	University of Oulu	2	145	361	Finland	Public	1958	842	44	143	253	367
3	University of Turku	3	152	374	Finland	Public	1920	845	41	138	287	386
4	Jyväskylä University	4	158	388	Finland	Public	1934	776	32	132	268	387
5	Aalto University	5	166	415	Finland	Public	2010	1127	38	123	248	380
6	University of Eastern Finland	6	171	425	Finland	Public	2010	608	41	121	226	299
7	Tampere University	7	193	465	Finland	Public	2019	926	25	110	239	365
8	Abo Akademi University	8	357	882	Finland	Public	1918	279	12	39	83	122
9	Lappeenranta University of Technology	9	364	900	Finland	Public	1969	377	7	37	96	149
10	Hanken School of Economics	10	569	1464	Finland	Public	1909	83	3	16	28	41
11	University of Lapland	11	740	2113	Finland	Public	1979	90	0	7	26	37
12	Novia University of Applied Sciences (Sydvast Polytechnic)	12	1187	3901	Finland	Public	1996	15	0	2	3	5
13	Jyvaskyla University of Applied Sciences	13	1297	4373	Finland	Public	1994	26	0	1	5	8
14	Turku University of Applied Sciences	14	1353	4633	Finland	Public	1992	27	0	1	3	6
15	University of the Arts Helsinki	15	1407	4903	Finland	Public	2013	23	0	1	2	4

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
16	Haaga Helia University of Applied Sciences	16	1447	5198	Finland	Private	1991	24	0	1	1	9
17	University of Vaasa	17	1586	6098	Finland	Public	1966	13	0	0	4	6
18	HAMK University of Applied Sciences	18	1588	6104	Finland	Public	1995	26	0	0	4	5
19	Satakunta University of Applied Sciences	19	1642	6346	Finland	Public	1997	13	0	0	3	4
20	Southeast Finland University of Applied Sciences XAMK	20	1697	6570	Finland	Private	2017	15	0	0	2	4
21	Laurea University of Applied Sciences	21	1711	6661	Finland	Public	1992	22	0	0	2	4
22	Helsinki Metropolia University of Applied Sciences (Evtek, Stadia)	22	1757	6903	Finland	Public	1881	12	0	0	2	2
23	Arcada Polytechnic	23	1818	7232	Finland	Private	1998	17	0	0	1	5
24	Diaconia University of Applied Sciences	24	1914	7753	Finland	Public	1996	6	0	0	1	1
25	Lapland University of Applied Sciences	25	1936	7896	Finland	Public	2014	6	0	0	1	3
26	Kokkola University Consortium Chydenius	26	1943	7932	Finland	Public	1863	7	0	0	1	1
27	Kajaani Polytechnic	27	1976	8237	Finland	Public	1992	5	0	0	1	1
28	Business Finland	28	2047	8828	Finland	Public	2018	1	0	0	1	1
29	Seinajoki University of Applied Sciences	29	2128	9236	Finland	Public	1992	11	0	0	0	3

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
30	Centria University of Applied Science	30	2183	9592	Finland	Private	1991	9	0	0	0	0
31	LAB University of Applied Sciences	31	2217	9819	Finland	Public	1992	12	0	0	0	2
32	Oulu University of Applied Sciences	32	2231	9949	Finland	Public	1996	10	0	0	0	1
33	Karelia University of Applied Sciences	33	2376	11061	Finland	Public	1992	3	0	0	0	1
34	Savonia University of Applied Sciences	34	2435	11519	Finland	Public	2014	6	0	0	0	1
35	Aland Polytechnic	35	2499	12164	Finland	Public	2003	3	0	0	0	1
36	Sweco	36	2638	13380	Finland	Private	1997	1	0	0	0	0
37	HUMAK University of Applied Sciences	37	2721	14601	Finland	Public	1998	2	0	0	0	0

Table IV. Public Universities in Finland top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	University of Helsinki	1	30	82	Finland	1640	2171	138	419	764	1078
2	University of Oulu	2	137	317	Finland	1958	842	44	143	253	367
3	University of Turku	3	144	328	Finland	1920	845	41	138	287	386
4	Jyväskylä University	4	150	341	Finland	1934	776	32	132	268	387
5	Aalto University	5	158	365	Finland	2010	1127	38	123	248	380
6	University of Eastern Finland	6	163	375	Finland	2010	608	41	121	226	299
7	Tampere University	7	185	414	Finland	2019	926	25	110	239	365
8	Abo Akademi University	8	343	772	Finland	1918	279	12	39	83	122
9	Lappeenranta University of Technology	9	350	789	Finland	1969	377	7	37	96	149
10	Hanken School of Economics	10	534	1258	Finland	1909	83	3	16	28	41
11	University of Lapland	11	674	1760	Finland	1979	90	0	7	26	37
12	Novia University of Applied Sciences (Sydvast Polytechnic)	12	1024	2962	Finland	1996	15	0	2	3	5
13	Jyvaskyla University of Applied Sciences	13	1113	3239	Finland	1994	26	0	1	5	8
14	Turku University of Applied Sciences	14	1162	3414	Finland	1992	27	0	1	3	6
15	University of the Arts Helsinki	15	1194	3565	Finland	2013	23	0	1	2	4
16	University of Vaasa	16	1325	4171	Finland	1966	13	0	0	4	6
17	HAMK University of Applied Sciences	17	1327	4175	Finland	1995	26	0	0	4	5
18	Satakunta University of Applied Sciences	18	1362	4315	Finland	1997	13	0	0	3	4
19	Laurea University of Applied Sciences	19	1416	4495	Finland	1992	22	0	0	2	4

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#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
20	Helsinki Metropolia University of Applied Sciences (Evtek, Stadia)	20	1450	4621	Finland	1881	12	0	0	2	2
21	Diaconia University of Applied Sciences	21	1564	5098	Finland	1996	6	0	0	1	1
22	Lapland University of Applied Sciences	22	1579	5171	Finland	2014	6	0	0	1	3
23	Kokkola University Consortium Chydenius	23	1584	5189	Finland	1863	7	0	0	1	1
24	Kajaani Polytechnic	24	1602	5328	Finland	1992	5	0	0	1	1
25	Business Finland	25	1644	5595	Finland	2018	1	0	0	1	1
26	Seinajoki University of Applied Sciences	26	1710	5833	Finland	1992	11	0	0	0	3
27	LAB University of Applied Sciences	27	1771	6134	Finland	1992	12	0	0	0	2
28	Oulu University of Applied Sciences	28	1782	6195	Finland	1996	10	0	0	0	1
29	Karelia University of Applied Sciences	29	1861	6730	Finland	1992	3	0	0	0	1
30	Savonia University of Applied Sciences	30	1896	6940	Finland	2014	6	0	0	0	1
31	Aland Polytechnic	31	1935	7243	Finland	2003	3	0	0	0	1
32	HUMAK University of Applied Sciences	32	2061	8330	Finland	1998	2	0	0	0	0

Table V. Private Universities in Finland top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Haaga Helia University of Applied Sciences	1	226	1486	Finland	1991	24	0	1	1	9
2	Southeast Finland University of Applied Sciences XAMK	2	290	2113	Finland	2017	15	0	0	2	4
3	Arcada Polytechnic	3	321	2402	Finland	1998	17	0	0	1	5
4	Centria University of Applied Science	4	432	3565	Finland	1991	9	0	0	0	0
5	Sweco	5	621	5579	Finland	1997	1	0	0	0	0

Table VI. Young Universities in Finland Top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Aalto University	5	166	415	Finland	2010	1127	38	123	248	380
2	University of Eastern Finland	6	171	425	Finland	2010	608	41	121	226	299
3	Tampere University	7	193	465	Finland	2019	926	25	110	239	365
4	Novia University of Applied Sciences (Sydvast Polytechnic)	12	1187	3901	Finland	1996	15	0	2	3	5
5	Jyvaskyla University of Applied Sciences	13	1297	4373	Finland	1994	26	0	1	5	8
6	University of the Arts Helsinki	15	1407	4903	Finland	2013	23	0	1	2	4
7	HAMK University of Applied Sciences	18	1588	6104	Finland	1995	26	0	0	4	5
8	Satakunta University of Applied Sciences	19	1642	6346	Finland	1997	13	0	0	3	4
9	Southeast Finland University of Applied Sciences XAMK	20	1697	6570	Finland	2017	15	0	0	2	4
10	Arcada Polytechnic	23	1818	7232	Finland	1998	17	0	0	1	5
11	Diaconia University of Applied Sciences	24	1914	7753	Finland	1996	6	0	0	1	1
12	Lapland University of Applied Sciences	25	1936	7896	Finland	2014	6	0	0	1	3
13	Business Finland	28	2047	8828	Finland	2018	1	0	0	1	1
14	Oulu University of Applied Sciences	32	2231	9949	Finland	1996	10	0	0	0	1
15	Savonia University of Applied Sciences	34	2435	11519	Finland	2014	6	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
16	Aland Polytechnic	35	2499	12164	Finland	2003	3	0	0	0	1
17	Sweco	36	2638	13380	Finland	1997	1	0	0	0	0
18	HUMAK University of Applied Sciences	37	2721	14601	Finland	1998	2	0	0	0	0

Table VII. Institutions in Finland top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Natural Resources Institute, Finland	1	24	55	Finland	2015	391	11	83	191	268
2	Finnish Environment Institute SYKE	2	90	173	Finland	1995	158	4	34	79	116
3	VTT Technical Research Centre of Finland	3	108	205	Finland	1942	352	5	29	86	162
4	Finnish Meteorological Institute	4	112	212	Finland	1838	122	6	29	50	75
5	National Institute for Health and Welfare	5	145	275	Finland	2009	70	9	24	42	53
6	Finnish Institute Occupational Health	6	322	600	Finland	1945	40	5	11	19	28
7	National Land Survey of Finland	7	344	632	Finland	1812	43	2	10	22	30
8	Geological Survey of Finland	8	572	1062	Finland	1885	61	0	4	14	26
9	European Forest Institute	9	763	1458	Finland	1993	18	1	2	5	10
10	Cancer Society of Finland	10	942	1864	Finland	1987	4	1	1	2	2
11	Finnish Institute of International Affairs	11	1110	2256	Finland	1961	18	0	0	1	3
12	Helsinki Institute for Information Technology	12	1134	2321	Finland	2017	6	0	0	1	1
13	Radiation and Nuclear Safety Authority Finland	13	1185	2449	Finland	1997	1	0	0	1	1
14	BIOS Research Unit	14	1192	2462	Finland	2014	1	0	0	1	1
15	Niilo Mäki institute	15	1253	2612	Finland	1902	4	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
16	United Nations University World Institute for Development Economics Research	16	1266	2642	Finland	1984	9	0	0	0	1
17	Arctic Planetary Science Institute	17	1307	2738	Finland	1972	2	0	0	0	1
18	Kotka Maritime Research Centre	18	1366	2916	Finland	2005	1	0	0	0	1

Table VIII. Companies in Finland top 10.000

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Nokia	1	5	33	Finland	1865	194	5	30	66	115
2	Orion Corporation	2	69	218	Finland	1917	12	1	3	6	9
3	BioMediTech	3	105	332	Finland	2006	2	1	2	2	2
4	Outokumpu	4	165	527	Finland	2010	3	0	1	1	2
5	Nexstim	5	186	592	Finland	2001	1	0	1	1	1
6	Bank of Finland	6	216	671	Finland	1812	21	0	0	3	4
7	KONE	7	285	861	Finland	1910	5	0	0	1	3
8	F-Secure	8	381	1126	Finland	1988	4	0	0	0	1
9	Vincit	9	458	1317	Finland	2007	2	0	0	0	1
10	Planmeca	10	485	1404	Finland	1969	1	0	0	0	1
11	Nightingale Health	11	486	1409	Finland	2002	1	0	0	0	1
12	Orion Pharma	12	495	1428	Finland	1917	1	0	0	0	1
13	Valmet Automotive	13	501	1450	Finland	1968	1	0	0	0	1
14	Specim	14	524	1525	Finland	1995	1	0	0	0	0
15	FIGMA	15	525	1531	Finland	2019	1	0	0	0	0
16	Okmetic	16	570	1663	Finland	1985	1	0	0	0	0
17	Beddit	17	580	1701	Finland	2006	1	0	0	0	0
18	Metso Outotec	18	581	1702	Finland	1999	1	0	0	0	0

Table IX. Hospitals in Finland top 10.000

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Finland Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%