



Rankings for Scientist

More Than a Ranking

Czech Republic's Universities and Research Institutions:

**Comprehensive Analysis of 95 Universities and
Institutions and 8,383 Scientists**

AD Scientific Index 2025



Czech Republic's Universities and Research Institutions: Comprehensive Analysis of 95 Universities and Institutions and 8,383 Scientists World Scientist and University Rankings 2025

(Total 2.395.161 scientist, 220 country, 24.352 university)

What is the AD Scientific Index (Alper-Doger Scientific Index)? Developed by Prof. Dr. Murat Alper and Associate Prof. Dr. Cihan Döger 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 24.352 institutions and 2.395.161 scientists across 220 countries in 13 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?

International university rankings typically evaluate institutions based on a variety of parameters. These include research productivity, research impact, research excellence, educational quality, faculty quality, research output, and per capita performance. Rankings also consider factors such as teaching quality, research capabilities, international diversity, and financial sustainability. Among these, publication and citation counts are particularly emphasized, as they are commonly regarded as key indicators of academic performance. The methods used to calculate publication-based indicators vary across rankings. Some measure the number of publications per faculty member, counting not only articles but also notes, and divide the total by the number of academic staff and researchers from the previous year. Data sources also differ, with some rankings relying on SCIE, SSCI, or InCites. While some rankings consider only articles, others include reviews, notes, conference papers, letters, and journal articles indexed in WoS over the past five years. Certain rankings further distinguish themselves by counting the number of articles published in "highly influential journals" like *Nature*, *Science*, and *PNAS*. Citation-based metrics are also important. Indicators like the h-index, the number of publications in top 5% journals by impact factor, and the total number of citations are widely used. These metrics are often calculated using SCIE and SCI data from the past two years, though longer periods, such as 11 years, may also be considered. Other key citation metrics include citations per publication and the number of publications in the top 1% by citation count. Many rankings also normalize citation counts, either by subject or per faculty member. Some introduce new indicators by dividing citation counts by the number of faculty members, aiming for more precise measurements. However, research has shown high correlations between many of these indicators, suggesting redundancy and indicating that some rankings measure the same aspects multiple times. This leads to "indicator alignment," which implies that simplifying rankings by reducing the number of indicators could maintain accuracy while making the ranking process more efficient. Additionally,

the chosen indicators are one of the main limiting factors that prevent these rankings from exceeding 1500-3000 institutions and from covering more than 70-100 countries.

The **AD Scientific Index** stands out because it addresses the limitations of traditional rankings by offering a more comprehensive and detailed approach. Unlike other systems that focus heavily on generalized institutional metrics, the AD Scientific Index is the first and only system to provide a dual analysis of both the total and six-year productivity of scientists. This analysis is based on h-index, i10-index, and citation data, offering a balanced view of both long-term impact and recent academic contributions. This dual focus is essential for accurately assessing a scientist's overall career while also capturing their recent work, which is often overlooked by other rankings. The AD Scientific Index not only ranks scientists individually but also across various academic fields, institutions, and countries, providing a detailed and in-depth analysis of academic performance at multiple levels. Furthermore, the AD Scientific Index offers a broad coverage that spans countries, regions, institutions, disciplines, languages, and types of publications. By ensuring equal opportunities for comparison, it provides a fair and transparent way to track academic progress and identify trends within the global scientific community. This makes it an invaluable resource for students, researchers, and institutions looking to gain insights into the academic landscape. Ultimately, the AD Scientific Index addresses the limitations of traditional rankings by focusing on individual scientific output and offering more precise, up-to-date indicators. This makes it a necessary tool for better understanding and evaluating global academic performance. The AD Scientific Index ranking formulas do not use any parameters that are not publicly accessible or visible for individuals or institutions.

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. Corrected versions of reported errors are published within one week at the latest. 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 2.395.161 individuals by 24.352 institutions, 220 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.
14. **Subject-Based Institutional Rankings: A Key Resource for Cross-Border Transfer and Equivalency Evaluations:** The AD Scientific Index's subject-based institutional rankings serve as a crucial reference for evaluating cross-border transfer or graduation equivalency applications. Universities may excel or fall behind in specific subjects, apart from their overall ranking. The AD Scientific Index provides a comparative global performance assessment of universities in each subject, making it a valuable indicator for equivalency or transfer applications.

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 growing and currently includes 2.395.161 scientists from 24.352 institutions across 220 countries. While the list is regularly expanded, new additions are limited to individual and institutional registrations to ensure data accuracy and reliability. Please note that requests made via email or other communication channels are not considered. The only way to be included is by completing either an individual or institutional registration through the 'Register' link available on our website.

We do not have a policy of automatically including every profile in the system. This approach is necessary to manage the effort required to continuously ensure the accuracy, integrity, and validity of data at both the institutional level (e.g., mergers, splits, name changes, closures, license revocations, and suspensions) and the individual level (e.g., institutional changes, profile deletions, deaths, ethical violations, and other updates).

Who Can Be Included in the List and Reasons for Exclusion AD Scientific Index has included 2.395.161 scientists from 220 countries, 24.352 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.

Citation Rankings Criteria

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. Additionally, the **list without CERN, Statistical Data, etc.**, provided exclusively by "AD Scientific Index", is part of our effort to balance the situation created by CERN and researchers with statistical data, who have an advantage over others, especially those in the social and humanities fields. There is still much work to be done in this area.

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 "*" 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:** 15 subfields
- **Architecture & Design:** 4 subfields
- **Business & Management:** 8 subfields
- **Economics & Econometrics:** 6 subfields
- **Education:** 11 subfields
- **Engineering & Technology:** 26 subfields
- **History, Philosophy, Theology:** 3 subfields
- **Law / Legal Studies:** 12 subfields
- **Medical and Health Sciences:** 80 subfields
- **Natural Sciences:** 6 subfields
- **Social Sciences:** 22 subfields
- **Social Sciences and Humanities:** 50 subfields
- **Art and Humanities:** 6 subfields

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. The AD Scientific Index's subject-based

institutional rankings serve as a crucial reference for evaluating cross-border transfer or graduation equivalency applications.

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. You can find this in-depth ranking in this field exclusively on the AD Scientific Index, and explore it not only at the institutional level but also individually, based on H index, i10 index, and citation counts.

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. You can find this in-depth ranking in this field exclusively on the AD Scientific Index, and explore it not only at the institutional level but also individually, based on H index, i10 index, and citation counts.

Pricing Policy

At AD Scientific Index, all of our services, including access to individual and institutional rankings on the main category pages, are offered free of charge. We provide the most comprehensive and useful academic data for scholars, institutions, regions, countries, and disciplines free of charge. Similarly, you can access the most extensive and valuable academic data for your institution and country at no cost. However, for those seeking more advanced features, we offer premium services with additional features on the premium page, where you can manage and customize your individual and institutional detail pages with password-protected access, all for a reasonable fee. *We would like to emphasize that premium registration will not change our strict deletion policy regarding unethical or misleading practices. This policy, which applies to all our users, is rigorously enforced to ensure the preservation of academic integrity.*

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 individual and discounted institutional 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. Scientists in Czech Republic: Ranking and Analysis

#	Country	Country Region Rank	Country World Rank	Total Institutions	Total Scientist
1	Czech Republic	21	43	95	6722

Table II. All Types of Institutions in Czech Republic: Ranking and Analysis

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charles University in Prague	1	198	495	Czech Republic	Public	1348	15	113	309	512
2	Masaryk University in Brno	2	344	831	Czech Republic	Public	1919	9	57	146	255
3	Palacky University of Olomouc	3	468	1140	Czech Republic	Public	1573	5	35	88	137
4	Czech Technical University in Prague	4	495	1195	Czech Republic	Public	1707	9	33	93	202
5	Institute of Physics, Czech Republic	5	506	1233	Czech Republic	Institution	1784	5	32	64	105
6	University of Chemistry and Technology Prague	6	635	1523	Czech Republic	Public	1952	2	23	60	87
7	Brno University of Technology	7	678	1605	Czech Republic	Public	1899	4	21	60	146
8	Institute of Botany CAS	8	727	1744	Czech Republic	Institution	2016	2	19	35	40
9	Czech University of Life Sciences Prague	9	742	1774	Czech Republic	Public	1906	1	18	60	103
10	University of South Bohemia in České Budejovice	10	771	1861	Czech Republic	Public	1991	5	17	41	60
11	Academy of Sciences of the Czech Republic	11	898	2200	Czech Republic	Institution	1992	1	13	33	45
12	Technical University of Ostrava	12	932	2290	Czech Republic	Public	1849	1	12	35	83
13	Institute of Organic Chemistry and Biochemistry CAS	13	943	2334	Czech Republic	Institution	1953	1	12	24	29
14	Institute of Molecular Genetics of the CAS	14	1124	2843	Czech Republic	Institution	1962	0	9	13	17

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	University of Ostrava	15	1226	3115	Czech Republic	Public	1991	1	7	23	42
16	Institute of Macromolecular Chemistry CAS	16	1255	3222	Czech Republic	Institution	1918	0	7	13	21
17	University of West Bohemia	17	1294	3312	Czech Republic	Public	1991	0	6	24	58
18	Institute of Plasma Physics CAS	18	1311	3380	Czech Republic	Institution	1978	1	6	17	21
19	University of Hradec Králové	19	1320	3402	Czech Republic	Public	1964	2	6	15	28
20	J. Heyrovsky Institute of Physical Chemistry of the CAS	20	1328	3415	Czech Republic	Institution	2018	1	6	15	23
21	Mendel University in Brno	21	1386	3588	Czech Republic	Public	1919	1	5	21	44
22	University of Pardubice	22	1439	3752	Czech Republic	Public	1950	0	5	11	16
23	Institute of Parasitology of the CAS	23	1456	3795	Czech Republic	Institution	1993	0	5	10	17
24	Institute of Hydrobiology of the CAS	24	1466	3823	Czech Republic	Institution	1950	0	5	9	13
25	Institute of Computer Science of the CAS	25	1470	3828	Czech Republic	Institution	1975	0	5	8	20
26	Institute of Biotechnology CAS	26	1592	4183	Czech Republic	Institution	2008	0	4	9	14
27	Institute for Clinical and Experimental Medicine	27	1610	4237	Czech Republic	Institution	1971	1	4	8	10
28	Institute of Biophysics of the CAS	28	1648	4350	Czech Republic	Institution	1958	1	4	5	5
29	Institute of Psychology of the CAS	29	1727	4563	Czech Republic	Institution	1929	0	3	10	15

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
30	Technical University of Liberec	30	1730	4577	Czech Republic	Public	1953	0	3	9	18
31	Institute of Microbiology of the ASCR	31	1761	4664	Czech Republic	Institution	1962	2	3	8	10
32	Crop Research Institute	32	1765	4676	Czech Republic	Institution	1951	1	3	8	9
33	Institute of Plant Molecular Biology of the CAS	33	1774	4730	Czech Republic	Institution	1990	1	3	7	11
34	Institute of Geophysics CAS	34	1798	4811	Czech Republic	Institution	1920	0	3	6	8
35	Institute of Animal Physiology and Genetics of the CAS	35	1802	4822	Czech Republic	Institution	1963	0	3	6	8
36	Czech Geological Survey	36	1822	4870	Czech Republic	Institution	1919	0	3	5	6
37	Tomas Bata University in Zlín	37	1878	5068	Czech Republic	Public	2001	0	2	14	25
38	Silesian University Opava	38	1895	5135	Czech Republic	Public	1991	1	2	11	17
39	Institute of Information Theory and Automation CAS	39	1957	5356	Czech Republic	Institution	1959	0	2	7	12
40	Jan Evangelista Purkyně University in Pšstí nad Labem	40	1979	5413	Czech Republic	Public	1991	0	2	6	10
41	Global Change Research Institute	41	1996	5476	Czech Republic	Institution	1982	0	2	6	7
42	Institute of Technology and Business	42	2052	5675	Czech Republic	Private	2006	1	2	4	10
43	Institute of Photonics and Electronics of the CAS	43	2081	5778	Czech Republic	Institution	2018	1	2	4	5
44	University of Defence Czech Republic	44	2095	5839	Czech Republic	Public	2004	1	2	3	4

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
45	Institute of Chemical Process Fundamentals of the CAS	45	2096	5848	Czech Republic	Institution	1960	0	2	3	7
46	Institute of Physiology of the CAS	46	2111	5899	Czech Republic	Institution	2015	0	2	3	5
47	Institute of Thermomechanics of the CAS	47	2157	6041	Czech Republic	Institution	2008	0	2	2	5
48	University of Economics Prague	48	2187	6170	Czech Republic	Public	1953	0	1	17	35
49	Institute of Experimental Botany CAS	49	2225	6278	Czech Republic	Institution	2017	1	1	9	14
50	Institute of Sociology of the CAS	50	2241	6313	Czech Republic	Institution	1990	0	1	8	15
51	Institute of Mathematics of the CAS	51	2270	6456	Czech Republic	Institution	1982	0	1	6	10
52	Astronomical Institute CAS	52	2303	6603	Czech Republic	Institution	1954	0	1	5	7
53	Institute of Entomology, Biology Centre of the CAS	53	2393	6965	Czech Republic	Institution	1962	0	1	3	6
54	Institute of Atmospheric Physics of the CAS	54	2435	7125	Czech Republic	Institution	1905	1	1	3	5
55	Institute of Experimental Medicine	55	2453	7193	Czech Republic	Institution	1975	0	1	2	16
56	Institute of Analytical Chemistry of the CAS	56	2580	7785	Czech Republic	Institution	2010	1	1	2	2
57	Institute of Vertebrate Biology of the CAS	57	2582	7790	Czech Republic	Institution	2003	0	1	2	2
58	University of Finance and Administration Prague	58	2650	8149	Czech Republic	Private	1999	0	1	1	2
59	Nuclear Physics Institute of the CAS	59	2795	8865	Czech Republic	Institution	1972	0	0	7	12

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
60	Institute of Geology of the CAS	60	2882	9161	Czech Republic	Institution	1999	0	0	4	4
61	Institute of Physics of Materials of the CAS	61	2885	9165	Czech Republic	Institution	1968	0	0	4	5
62	Institute of Archaeology of the CAS	62	3037	9721	Czech Republic	Institution	1950	0	0	2	7
63	Institute of Theoretical and Applied Mechanics CAS	63	3073	9861	Czech Republic	Institution	1953	0	0	2	4
64	Institute of Rock Structure and Mechanics of the CAS	64	3088	9937	Czech Republic	Institution	2002	0	0	2	5
65	Business School Ostrava	65	3152	10207	Czech Republic	Private	2001	0	0	2	2
66	Avast Software	66	3155	10219	Czech Republic	Company	1995	0	0	2	2
67	Institute of Inorganic Chemistry CAS	67	3175	10305	Czech Republic	Institution	2024	0	0	2	2
68	Institute of Ethnology, Czech Academy of Sciences	68	3369	11124	Czech Republic	Institution	1954	0	0	1	1
69	Institute of Geonics of the CAS	69	3464	11544	Czech Republic	Institution	1992	0	0	1	3
70	University of Veterinary Sciences Brno	70	3474	11605	Czech Republic	Public	1918	0	0	1	2
71	Czech Language Institute of the CAS	71	3530	11909	Czech Republic	Institution	1946	0	0	1	2
72	Prague College of Psychosocial Studies	72	3666	12615	Czech Republic	Private	2001	0	0	1	1
73	Metropolitan University Prague	73	3766	13006	Czech Republic	Private	2001	0	0	0	1
74	University of Economics and Management	74	3814	13267	Czech Republic	Private	1996	0	0	0	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
75	Polytechnic College in Jihlava	75	3854	13495	Czech Republic	Public	2004	0	0	0	1
76	Škoda Auto University	76	3916	13901	Czech Republic	Private	2000	0	0	0	1
77	JetBrains Research	77	3971	14192	Czech Republic	Company	2000	0	0	0	3
78	Institute of Philosophy of the CAS	78	3975	14208	Czech Republic	Institution	1990	0	0	0	0
79	Ambis Vysoká škola	79	4014	14464	Czech Republic	Private	1999	0	0	0	1
80	Palestra Prague	80	4098	14889	Czech Republic	Private	2000	0	0	0	1
81	University of New York in Prague	81	4122	15084	Czech Republic	Private	1998	0	0	0	1
82	Czech Hydrometeorological Institute	82	4143	15201	Czech Republic	Institution	1954	0	0	0	2
83	Moravian Business College Olomouc	83	4159	15308	Czech Republic	Public	2005	0	0	0	0
84	Jan Amos Komensky University	84	4174	15405	Czech Republic	Public	1953	0	0	0	0
85	Institute of Contemporary History of the CAS	85	4271	15995	Czech Republic	Institution	1990	0	0	0	1
86	Institute for the Study of Totalitarian Regimes	86	4337	16502	Czech Republic	Institution	2007	0	0	0	0
87	Newton University	87	4341	16526	Czech Republic	Private	2004	0	0	0	1
88	Institute of Czech Literature of the CAS	88	4603	18099	Czech Republic	Institution	1947	0	0	0	1
89	Prague City University	89	4644	18230	Czech Republic	Private	2004	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
90	Institute for Evaluation and Social Analyses	90	4668	18327	Czech Republic	Institution	2023	0	0	0	0
91	Logistics College	91	4735	18959	Czech Republic	Private	2004	0	0	0	0
92	Institute of Slavonic Studies of the CAS	92	4855	20488	Czech Republic	Institution	1968	0	0	0	0
93	Central Institute for Supervising and Testing in Agriculture	93	4972	21240	Czech Republic	Institution	2002	0	0	0	0
94	Institute of History, Czech Academy of Sciences	94	5021	21972	Czech Republic	Institution	2007	0	0	0	0
95	Institute of Art History, Czech Academy of Sciences	95	5090	22800	Czech Republic	Institution	1953	0	0	0	0

Table III. Universities in Czech Republic: Comprehensive Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charles University in Prague	1	182	446	Czech Republic	Public	1348	15	113	309	512
2	Masaryk University in Brno	2	301	722	Czech Republic	Public	1919	9	57	146	255
3	Palacky University of Olomouc	3	381	937	Czech Republic	Public	1573	5	35	88	137
4	Czech Technical University in Prague	4	396	971	Czech Republic	Public	1707	9	33	93	202
5	University of Chemistry and Technology Prague	5	478	1186	Czech Republic	Public	1952	2	23	60	87
6	Brno University of Technology	6	502	1232	Czech Republic	Public	1899	4	21	60	146
7	Czech University of Life Sciences Prague	7	525	1333	Czech Republic	Public	1906	1	18	60	103
8	University of South Bohemia in České Budejovice	8	543	1393	Czech Republic	Public	1991	5	17	41	60
9	Technical University of Ostrava	9	620	1655	Czech Republic	Public	1849	1	12	35	83
10	University of Ostrava	10	746	2152	Czech Republic	Public	1991	1	7	23	42
11	University of West Bohemia	11	774	2273	Czech Republic	Public	1991	0	6	24	58
12	University of Hradec Králové	12	792	2342	Czech Republic	Public	1964	2	6	15	28
13	Mendel University in Brno	13	820	2447	Czech Republic	Public	1919	1	5	21	44
14	University of Pardubice	14	854	2557	Czech Republic	Public	1950	0	5	11	16

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	Technical University of Liberec	15	994	3070	Czech Republic	Public	1953	0	3	9	18
16	Tomas Bata University in Zlín	16	1053	3369	Czech Republic	Public	2001	0	2	14	25
17	Silesian University Opava	17	1068	3425	Czech Republic	Public	1991	1	2	11	17
18	Jan Evangelista Purkyně University in Pšstí nad Labem	18	1121	3637	Czech Republic	Public	1991	0	2	6	10
19	Institute of Technology and Business	19	1159	3817	Czech Republic	Private	2006	1	2	4	10
20	University of Defence Czech Republic	20	1184	3937	Czech Republic	Public	2004	1	2	3	4
21	University of Economics Prague	21	1221	4135	Czech Republic	Public	1953	0	1	17	35
22	University of Finance and Administration Prague	22	1480	5572	Czech Republic	Private	1999	0	1	1	2
23	Business School Ostrava	23	1766	7089	Czech Republic	Private	2001	0	0	2	2
24	University of Veterinary Sciences Brno	24	1968	8194	Czech Republic	Public	1918	0	0	1	2
25	Prague College of Psychosocial Studies	25	2054	8935	Czech Republic	Private	2001	0	0	1	1
26	Metropolitan University Prague	26	2118	9245	Czech Republic	Private	2001	0	0	0	1
27	University of Economics and Management	27	2151	9467	Czech Republic	Private	1996	0	0	0	1
28	Polytechnic College in Jihlava	28	2180	9665	Czech Republic	Public	2004	0	0	0	1
29	Škoda Auto University	29	2225	10008	Czech Republic	Private	2000	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
30	Ambis Vysoká škola	30	2287	10467	Czech Republic	Private	1999	0	0	0	1
31	Palestra Prague	31	2349	10845	Czech Republic	Private	2000	0	0	0	1
32	University of New York in Prague	32	2362	11006	Czech Republic	Private	1998	0	0	0	1
33	Moravian Business College Olomouc	33	2379	11176	Czech Republic	Public	2005	0	0	0	0
34	Jan Amos Komensky University	34	2389	11257	Czech Republic	Public	1953	0	0	0	0
35	Newton University	35	2491	12211	Czech Republic	Private	2004	0	0	0	1
36	Prague City University	36	2642	13483	Czech Republic	Private	2004	0	0	0	0
37	Logistics College	37	2686	14085	Czech Republic	Private	2004	0	0	0	0

Table IV. Public Universities in Czech Republic: Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charles University in Prague	1	174	395	Czech Republic	1348	15	113	309	512
2	Masaryk University in Brno	2	291	642	Czech Republic	1919	9	57	146	255
3	Palacky University of Olomouc	3	366	823	Czech Republic	1573	5	35	88	137
4	Czech Technical University in Prague	4	381	852	Czech Republic	1707	9	33	93	202
5	University of Chemistry and Technology Prague	5	456	1035	Czech Republic	1952	2	23	60	87
6	Brno University of Technology	6	479	1076	Czech Republic	1899	4	21	60	146
7	Czech University of Life Sciences Prague	7	498	1160	Czech Republic	1906	1	18	60	103
8	University of South Bohemia in České Budejovice	8	513	1203	Czech Republic	1991	5	17	41	60
9	Technical University of Ostrava	9	578	1409	Czech Republic	1849	1	12	35	83
10	University of Ostrava	10	680	1789	Czech Republic	1991	1	7	23	42
11	University of West Bohemia	11	706	1885	Czech Republic	1991	0	6	24	58
12	University of Hradec Králové	12	721	1937	Czech Republic	1964	2	6	15	28
13	Mendel University in Brno	13	741	2006	Czech Republic	1919	1	5	21	44
14	University of Pardubice	14	767	2089	Czech Republic	1950	0	5	11	16
15	Technical University of Liberec	15	873	2434	Czech Republic	1953	0	3	9	18
16	Tomas Bata University in Zlín	16	925	2629	Czech Republic	2001	0	2	14	25
17	Silesian University Opava	17	936	2672	Czech Republic	1991	1	2	11	17
18	Jan Evangelista Purkyně University in ǉstí nad Labem	18	982	2820	Czech Republic	1991	0	2	6	10
19	University of Defence Czech Republic	19	1027	3003	Czech Republic	2004	1	2	3	4
20	University of Economics Prague	20	1052	3103	Czech Republic	1953	0	1	17	35

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
21	University of Veterinary Sciences Brno	21	1599	5335	Czech Republic	1918	0	0	1	2
22	Polytechnic College in Jihlava	22	1750	6070	Czech Republic	2004	0	0	0	1
23	Moravian Business College Olomouc	23	1861	6783	Czech Republic	2005	0	0	0	0
24	Jan Amos Komensky University	24	1867	6830	Czech Republic	1953	0	0	0	0

Table V. Private Universities in Czech Republic: Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Institute of Technology and Business	1	146	887	Czech Republic	2006	1	2	4	10
2	University of Finance and Administration Prague	2	237	1653	Czech Republic	1999	0	1	1	2
3	Business School Ostrava	3	314	2351	Czech Republic	2001	0	0	2	2
4	Prague College of Psychosocial Studies	4	404	3262	Czech Republic	2001	0	0	1	1
5	Metropolitan University Prague	5	419	3402	Czech Republic	2001	0	0	0	1
6	University of Economics and Management	6	428	3513	Czech Republic	1996	0	0	0	1
7	Škoda Auto University	7	450	3782	Czech Republic	2000	0	0	0	1
8	Ambis Vysoká škola	8	471	3996	Czech Republic	1999	0	0	0	1
9	Palestra Prague	9	505	4218	Czech Republic	2000	0	0	0	1
10	University of New York in Prague	10	511	4302	Czech Republic	1998	0	0	0	1
11	Newton University	11	563	4939	Czech Republic	2004	0	0	0	1
12	Prague City University	12	627	5632	Czech Republic	2004	0	0	0	0
13	Logistics College	13	645	5978	Czech Republic	2004	0	0	0	0

Table VI. Young Universities in Czech Republic: Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Tomas Bata University in Zlín	16	1053	3369	Czech Republic	2001	0	2	14	25
2	Institute of Technology and Business	19	1159	3817	Czech Republic	2006	1	2	4	10
3	University of Defence Czech Republic	20	1184	3937	Czech Republic	2004	1	2	3	4
4	University of Finance and Administration Prague	22	1480	5572	Czech Republic	1999	0	1	1	2
5	Business School Ostrava	23	1766	7089	Czech Republic	2001	0	0	2	2
6	Prague College of Psychosocial Studies	25	2054	8935	Czech Republic	2001	0	0	1	1
7	Metropolitan University Prague	26	2118	9245	Czech Republic	2001	0	0	0	1
8	University of Economics and Management	27	2151	9467	Czech Republic	1996	0	0	0	1
9	Polytechnic College in Jihlava	28	2180	9665	Czech Republic	2004	0	0	0	1
10	Škoda Auto University	29	2225	10008	Czech Republic	2000	0	0	0	1
11	Ambis Vysoká škola	30	2287	10467	Czech Republic	1999	0	0	0	1
12	Palestra Prague	31	2349	10845	Czech Republic	2000	0	0	0	1
13	University of New York in Prague	32	2362	11006	Czech Republic	1998	0	0	0	1
14	Moravian Business College Olomouc	33	2379	11176	Czech Republic	2005	0	0	0	0
15	Newton University	35	2491	12211	Czech Republic	2004	0	0	0	1
16	Prague City University	36	2642	13483	Czech Republic	2004	0	0	0	0
17	Logistics College	37	2686	14085	Czech Republic	2004	0	0	0	0

Table VII. Institutions in Czech Republic: Ranking and Analysis

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Institute of Physics, Czech Republic	1	98	188	Czech Republic	1784	5	32	64	105
2	Institute of Botany CAS	2	188	347	Czech Republic	2016	2	19	35	40
3	Academy of Sciences of the Czech Republic	3	269	500	Czech Republic	1992	1	13	33	45
4	Institute of Organic Chemistry and Biochemistry CAS	4	294	543	Czech Republic	1953	1	12	24	29
5	Institute of Molecular Genetics of the CAS	5	392	719	Czech Republic	1962	0	9	13	17
6	Institute of Macromolecular Chemistry CAS	6	452	825	Czech Republic	1918	0	7	13	21
7	Institute of Plasma Physics CAS	7	475	868	Czech Republic	1978	1	6	17	21
8	J. Heyrovsky Institute of Physical Chemistry of the CAS	8	482	878	Czech Republic	2018	1	6	15	23
9	Institute of Parasitology of the CAS	9	532	991	Czech Republic	1993	0	5	10	17
10	Institute of Hydrobiology of the CAS	10	538	1003	Czech Republic	1950	0	5	9	13
11	Institute of Computer Science of the CAS	11	542	1007	Czech Republic	1975	0	5	8	20
12	Institute of Biotechnology CAS	12	588	1097	Czech Republic	2008	0	4	9	14
13	Institute for Clinical and Experimental Medicine	13	596	1113	Czech Republic	1971	1	4	8	10
14	Institute of Biophysics of the CAS	14	619	1160	Czech Republic	1958	1	4	5	5
15	Institute of Psychology of the CAS	15	645	1212	Czech Republic	1929	0	3	10	15
16	Institute of Microbiology of the ASCR	16	656	1234	Czech Republic	1962	2	3	8	10
17	Crop Research Institute	17	659	1239	Czech Republic	1951	1	3	8	9
18	Institute of Plant Molecular Biology of the CAS	18	665	1255	Czech Republic	1990	1	3	7	11
19	Institute of Geophysics CAS	19	674	1273	Czech Republic	1920	0	3	6	8

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
20	Institute of Animal Physiology and Genetics of the CAS	20	678	1278	Czech Republic	1963	0	3	6	8
21	Czech Geological Survey	21	689	1295	Czech Republic	1919	0	3	5	6
22	Institute of Information Theory and Automation CAS	22	734	1404	Czech Republic	1959	0	2	7	12
23	Global Change Research Institute	23	748	1428	Czech Republic	1982	0	2	6	7
24	Institute of Photonics and Electronics of the CAS	24	776	1490	Czech Republic	2018	1	2	4	5
25	Institute of Chemical Process Fundamentals of the CAS	25	780	1497	Czech Republic	1960	0	2	3	7
26	Institute of Physiology of the CAS	26	782	1502	Czech Republic	2015	0	2	3	5
27	Institute of Thermomechanics of the CAS	27	806	1548	Czech Republic	2008	0	2	2	5
28	Institute of Experimental Botany CAS	28	826	1598	Czech Republic	2017	1	1	9	14
29	Institute of Sociology of the CAS	29	832	1606	Czech Republic	1990	0	1	8	15
30	Institute of Mathematics of the CAS	30	844	1636	Czech Republic	1982	0	1	6	10
31	Astronomical Institute CAS	31	852	1663	Czech Republic	1954	0	1	5	7
32	Institute of Entomology, Biology Centre of the CAS	32	875	1712	Czech Republic	1962	0	1	3	6
33	Institute of Atmospheric Physics of the CAS	33	888	1741	Czech Republic	1905	1	1	3	5
34	Institute of Experimental Medicine	34	897	1765	Czech Republic	1975	0	1	2	16
35	Institute of Analytical Chemistry of the CAS	35	942	1865	Czech Republic	2010	1	1	2	2
36	Institute of Vertebrate Biology of the CAS	36	943	1867	Czech Republic	2003	0	1	2	2
37	Nuclear Physics Institute of the CAS	37	995	2010	Czech Republic	1972	0	0	7	12
38	Institute of Geology of the CAS	38	1014	2049	Czech Republic	1999	0	0	4	4
39	Institute of Physics of Materials of the CAS	39	1017	2052	Czech Republic	1968	0	0	4	5

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
40	Institute of Archaeology of the CAS	40	1050	2119	Czech Republic	1950	0	0	2	7
41	Institute of Theoretical and Applied Mechanics CAS	41	1058	2136	Czech Republic	1953	0	0	2	4
42	Institute of Rock Structure and Mechanics of the CAS	42	1061	2149	Czech Republic	2002	0	0	2	5
43	Institute of Inorganic Chemistry CAS	43	1082	2207	Czech Republic	2024	0	0	2	2
44	Institute of Ethnology, Czech Academy of Sciences	44	1116	2284	Czech Republic	1954	0	0	1	1
45	Institute of Geonics of the CAS	45	1137	2339	Czech Republic	1992	0	0	1	3
46	Czech Language Institute of the CAS	46	1150	2371	Czech Republic	1946	0	0	1	2
47	Institute of Philosophy of the CAS	47	1248	2610	Czech Republic	1990	0	0	0	0
48	Czech Hydrometeorological Institute	48	1280	2686	Czech Republic	1954	0	0	0	2
49	Institute of Contemporary History of the CAS	49	1310	2762	Czech Republic	1990	0	0	0	1
50	Institute for the Study of Totalitarian Regimes	50	1319	2790	Czech Republic	2007	0	0	0	0
51	Institute of Czech Literature of the CAS	51	1373	2943	Czech Republic	1947	0	0	0	1
52	Institute for Evaluation and Social Analyses	52	1393	2990	Czech Republic	2023	0	0	0	0
53	Institute of Slavonic Studies of the CAS	53	1427	3089	Czech Republic	1968	0	0	0	0
54	Central Institute for Supervising and Testing in Agriculture	54	1464	3190	Czech Republic	2002	0	0	0	0
55	Institute of History, Czech Academy of Sciences	55	1476	3233	Czech Republic	2007	0	0	0	0
56	Institute of Art History, Czech Academy of Sciences	56	1490	3290	Czech Republic	1953	0	0	0	0

Table VIII. Companies in Czech Republic: Ranking and Analysis

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Avast Software	1	250	759	Czech Republic	1995	0	0	2	2
2	JetBrains Research	2	376	1110	Czech Republic	2000	0	0	0	3

Table IX. Hospitals in Czech Republic: Ranking and Analysis

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