AD Scientific Index

Rankings for Scientist

More Than a Ranking

Bulgaria's Universities and Research Institutions:

Comprehensive Analysis of 98 Universities and Institutions and 5,602 Scientists

AD Scientific Index 2025

April 15 2025

Bulgaria's Universities and Research Institutions: Comprehensive Analysis of 98 Universities and Institutions and 5,602 Scientists
World Scientist and University Rankings 2025

(Total 2.625.137 scientist, 221 country, 24.551 university)

1. What is the AD Scientific Index (Alper-Doger Scientific Index)?

Developed in 2021 by **Prof. Dr. Murat Alper** and **Assoc. Prof. Dr. Cihan Döğer**, the AD Scientific Index is an **independent and international ranking system** that provides a multidimensional evaluation of the academic performance of scientists and institutions. Key highlights include:

- **Original academic rankings, detailed analyses, and comparative results**
- A resource guiding **policy development** to enhance scientific contributions and productivity
- Analysis of 2.625.137 **scientists** and 24.551 **institutions** across **13 major academic fields** and **211 disciplines**, covering 221 **countries**
- **Data sourced from Google Scholar** and subjected to rigorous multi-stage filtering processes
- Evaluation based on **total and last six years' H-index, i10-index, and citation counts. Real-time updates ensure that rankings reflect current academic performance.**

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2. Why is the AD Scientific Index (Alper-Doger Scientific Index) Needed?

 Most **international university rankings** consider parameters like:

- **Research productivity, impact, excellence**
- **Educational quality**
- **Faculty quality**
- **Research output**
- **Per capita performance**

 Many of these rely heavily on **publication and citation counts** as key indicators of academic performance. However, these methods:

- Vary in **data sources** (e.g., SCIE, SSCI, InCites)

- Differ in what types of publications they count (articles, notes, conference papers, etc.)
- May emphasize **high-impact journals** (e.g., *Nature*, *Science*, *PNAS*)
- Often use H**-index**, top 5% journals by impact factor, total citations, and other indicators
- Frequently face **redundancy** (measuring the same aspect multiple times), leading to "indicator alignment"
- Rarely exceed coverage of **1,500–3,000 institutions** or **70–100 countries** due to these limitations

How AD Scientific Index Addresses These Gaps

- Focuses on **both total and six-year productivity** (H-index, i10-index, citation data)
- Ranks **individual scientists** as well as **academic fields, institutions, and countries**
- **Broad coverage** spanning countries, regions, institutions, disciplines, languages, and publication types
- Ensures **equal opportunities** for comparison with a **fair and transparent** methodology
- **No reliance on non-public or invisible parameters** in ranking formulas.

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3. What are the H-index and i10-index?

- **H-index**: Evaluates both productivity and citation impact. An H-index of *h* means the researcher has *h* papers each cited at least *h* times.
- **i10-index** (calculated by Google Scholar): Counts the number of publications with **at least 10 citations**.

These metrics:

- Offer insight into **consistent academic influence**
- **Higher values** indicate more sustained impact

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4. The Importance of Last 6 Years Metrics

The AD Scientific Index places special emphasis on **Last 6 Years** metrics to reveal **recent academic performance**:

- **Total H-index, i10-index, citation count**: Show long-term academic impact
- **Last 6 Years H-index, i10-index, citations**: Highlight **current contributions** and **relevance** in evolving fields
- Focuses on **impact continuation** over the last six years, not just publication dates
- Ensures **up-to-date perspective** in identifying leading contributors and institutions

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5. How Is the "AD Scientific Index" Different from Other

Rankings?

Multi-Dimensional Analysis

- **Comprehensive Metrics:** Integrates total and last-six-year H-index, i10-index, and citation counts to provide a **broad** and **balanced** picture of academic impact.
- **Layered Comparisons:** Enables evaluations at **global, continental, national,** and **city** levels, as well as **public** and **private** institutions, revealing both **long-term influence** and **current momentum**.

Focus on Individual Scientists

- **Foundation of Institutional Success:** Genuine **breakthroughs** and **reputation** stem from individual scientists.
- **Beyond Broad Factors:** While other rankings often focus on "international reputation" or "teaching quality," the AD Scientific Index homes in on **concrete achievements**, emphasizing the **true** drivers of institutional excellence.

Accessible and Inclusive Data

- **Extensive Coverage:** Utilizes **publicly available** Google Scholar data, carefully screened, to assess researchers across every field, country, and type of institution.

Equal Opportunity

- **Fair Recognition:** Offers **equitable** acknowledgment to all scientists and institutions, **regardless of geographical or institutional background**.
- **Seamless Participation:** The system is **easy to join** on both individual and institutional levels, making academic performance **visible at every tier, in near real time**.

Democratic and Universal Approach

- **Global Level Playing Field:** Reflects how individual accomplishments shape the overall performance of institutions **worldwide**.
- **Commitment to Transparency:** Employs **impartial, reproducible** methods, ensuring **equal** conditions for prominent research universities and smaller colleges alike.

Identifying Misconduct

- **Guardian of Integrity:** Acts as an **early warning system** against plagiarism, unethical authorship (e.g., gift authorship), or excessive publication practices.
- **Institutional and Individual Accountability:** Ensures that **authentic academic contributions** remain in the spotlight by uncovering ethical violations, safeguarding the **credibility** of researchers and institutions.

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6. Unique Features of the “AD Scientific Index”

Academic and Economic Independence

- Operates entirely free from external influences, ensuring that evaluations focus **exclusively** on academic merit.
- Maintains **objective** and **transparent** standards without commercial or political pressure.

Transparent and Rigorous Methodology

- Relies on **open-source**, verifiable data combined with **clearly defined** algorithms and weighting.
- Corrects errors within **one week** and strictly **upholds impartiality** to preserve credibility and accuracy.

Comprehensive Evaluation

- Provides **both total and last-six-year metrics** (H-index, i10-index, citations) for universities, institutions, hospitals, and companies.
- Allows stakeholders to assess **long-term trends** alongside **recent performance** at a glance.

Institutional Progress Analysis

- Monitors and analyzes **institutional development** over the last six years, highlighting growth trajectories and performance shifts.

Public vs. Private Comparison

- Offers **direct comparisons** among public universities, as well as with private universities, companies, hospitals, and research institutes.
- Illuminates **sector-wide benchmarks** for a broader context of academic achievement.

Scientific Ranking Distribution

- Examines **academic staff rankings** within each institution, showing percentile-based standings to pinpoint **individual and collective strengths**.

Individual Status Tracking

- Presents **detailed** profiles for researchers (H-index, i10-index, citations), delivering clear insights into each scholar’s **impact and influence**.

Global and Regional Rankings

- Encompasses **2.625.137 individuals** from 24.551 **institutions** across 221 **countries** and **10 regions**, covering a wide array of disciplines.
- Enables **branch-** and **sub-discipline-specific** evaluations for targeted insights. **individuals** from **institutions**,

Top List Reports

- Generates **country-level, regional, and global** top lists, serving as valuable resources for benchmarking and recognition.

Constantly Updated Rankings

- Ensures **continuous** data refresh, with citation metrics updated **every 10-15 days** and rankings recalculated **every two days**.
- Offers users an **up-to-date** view of academic performance.

Valuing Feedback and Contributions

- Incorporates community input to **refine** the methodology and maintain **data accuracy**.
- Facilitates a **collaborative** approach that keeps rankings current and reliable.

Increased Visibility & Early Detection of Ethical Violations

- Sheds light on unethical practices (e.g., gift authorship, citation cartels, fake paper factories), promoting **academic integrity** through transparency.
- Helps **identify** and **address** potential misconduct **promptly**.

Art and Humanities Rankings & Social Sciences and Humanities Rankings

- Provides **dedicated rankings** that accurately represent these fields, leveraging Google Scholar's **broad coverage**.
- Ensures these disciplines receive **fair, detailed** visibility alongside STEM areas.

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7. Comprehensive and Inclusive Data Source Strategy

Most ranking organizations use **Scopus**, **Web of Science**, **Google Scholar**, or **Nature Index**. Each has strengths and limitations.

Our Approach:

- **Global, practical, inclusive** methodology
- **Robust auditing** to mitigate data source limitations
- **Continuous data cleansing** (nearly 1 million profiles reviewed; many deleted)
- Ongoing **quality improvements** ensure increasingly accurate, real-time rankings.

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8. How Frequently Are AD Scientific Index Rankings Updated?

- **New entries, deletions, corrections** typically visible within **1–3 days**
- H-index, i10-index, and citation numbers are **updated every 15 days, while the ranking is refreshed every 2 days.**

- Data primarily from **Google Scholar** with a focus on **standardizing names, institutions, and data**
- **User contributions** to enhance data accuracy are always welcome

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9. How Can I Be Included in the List?

- Currently includes **2.625.137 scientists** from 24.551 **institutions** across 221 **countries**
- **New additions** are limited to **individual** and **institutional registrations** via the "Register" link on the website
- **No automatic inclusion** of every profile to maintain **accuracy** and **data integrity**

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10. Who Can Be Included in the List and Reasons for Exclusion

- **2.625.137 scientists** included, but some are **not** listed due to:
- **Technical and resource limitations:** Because a very broad sample group has formed, our priority is to maintain the highest level of data accuracy and cleanliness. Therefore, we do not aim for unlimited expansion of the database, meaning we do not add every publicly accessible profile to the system.
- **No public Google Scholar profile**
- **Personal preference** or **request to be removed**
- **Incomplete or inaccurate** profile information
- When a profile is no longer publicly visible, the individual's scores (e.g., h-index, i10 index, citation counts) are displayed as **zero** until the profile is made public again.
- **Ethical concerns:** Cases such as presenting others' publications as one's own, including misleading or fabricated academic outputs, having retracted papers in the profile, etc., and related complaints are evaluated. If such violations are detected, the respective profiles are **immediately removed** from the list.

Institutions and **countries** are encouraged to **verify profiles** for **accuracy** and **integrity**. Profiles violating ethical standards may be removed **without refund** (even for paid registrations).

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11. Is Registration Required to View Your Ranking?

- **Not required** to see your ranking in the AD Scientific Index. You can estimate your approximate ranking by looking at the rankings of individuals with similar scores. **Required** if you wish to be included **with all detailed elements** in the ranking

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12. How AD Scientific Index Ranks Scientists and Institutions?

Key Indicators

1. **Total H-index scores**
2. **Last 6 years' H-index scores**
3. **Total i10 index scores**
4. **Last 6 years' i10 index scores**
5. **Total number of citations**
6. **Number of citations in the last 6 years**

Ranking Criteria – Overview
Scientist and institution rankings in the AD Scientific Index are calculated based on multiple bibliometric indicators, with **Total H-index** serving as the primary ranking metric in most categories. General, Country, Regional, University, Branch, and Sub-Branch Rankings.

Total H-index Rankings
Used in: Measures cumulative scientific impact and productivity.
Ranking order:

1. Total H-index
2. Last 6 Years' H-index
3. Total i10 Index
4. Total Citations

Last 6 Years' H-index Rankings
Measures short-to-mid-term academic performance and sustained impact.
Ranking order:

1. Last 6 Years' H-index
2. Last 6 Years' i10 Index
3. Total H-index
4. Citations in the Last 6 Years

Total i10 Index Rankings
Measures: Reflects the consistency of influential scholarly output.
Ranking order:

1. Total i10 Index
2. Last 6 Years' i10 Index
3. Total H-index
4. Total Citation Counts

Last 6 Years' i10 Index Rankings
Measures recent sustained academic productivity and recognition.
Ranking order:

1. Last 6 Years' i10 Index
2. Last 6 Years' H-index
3. Total i10 Index
4. Citations in the Last 6 Years

Total Citations Rankings
Captures total scientific reach and academic recognition.
Ranking order:

1. Total Citation Counts
2. Citations in the Last 6 Years
3. Total i10 Index
4. Last 6 Years' i10 Index

Citations in the Last 6 Years Rankings
Indicates present-day influence and citation activity.

Ranking order:

1. Citations in the Last 6 Years
2. Total Citation Counts
3. Last 6 Years' i10 Index
4. Total i10 Index

Institutions are also ranked by these criteria at **national, regional, and global** levels.

Studies Influencing Ranking Due to High Citation Numbers

- For unusually high citations (e.g., **CERN, ATLAS, ALICE, CMS**), authors are marked with an **asterisk "i"** to indicate this distinction.
- An **alternative list** excludes these studies to ensure balanced rankings.

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13. Why Are Last 6 Years' Ratios Important?

- Reflect **recent productivity and influence**
- Indicate **impact** of **individual performance** and **institutional policies**
- Provide a **clear view** of modern academic contributions

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14. Subject Rankings: Which Subjects are Ranked in the AD Scientific Index?

The Index covers **211 sub-disciplines** across various major fields:

- **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** aligns with **university departments**, enabling **precise** analysis of academic impact.

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15. How Universities Are Ranked in the AD Scientific Index?

- Rankings are based on the **distribution** of scientists within **top percentile ranges** (top % 10, %20, %40, %60, % 80, 90% percentiles and total scientists).
- If two institutions have the **same number** of scientists in a range, the **next percentile range** is considered.
- If a tie persists, the institution with the **higher total number of individual scientists** ranks higher.
- Covers 24.551 **institutions** across:
    - **Total H-index**
    - **Last 6 Years H-index**
    - **Total i10 index**
    - **Last 6 Years i10 index**
    - **Total citations**
    - **Last 6 Years citations**

This approach helps institutions **assess strengths**, **identify areas for improvement**, and supports **cross-border transfer** or **graduation equivalency** evaluations.

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16. Young University/Institution Rankings

- Focuses on institutions **established within the last 30 years. The ranking is formed by applying the university ranking only among institutions established within the last 30 years.** Demonstrates **global standing** of these “young” entities. Identifies **strengths and weaknesses** to shape future policies

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17. Social Sciences and Humanities Rankings – The AD Scientific Index Advantage

✓ **Exclusive Ranking for Social Sciences & Humanities** – Covers fields such as **Business & Management, Economics & Econometrics, Education, History, Philosophy, Theology, Law, and Social Sciences**.
✓ **No Overshadowing by STEM Fields** – **Medicine, Engineering, and Natural Sciences are excluded**, ensuring that institutions and scholars in Social Sciences & Humanities receive a **fair and unbiased evaluation**.

✓ **A Balanced and Unique Ranking Approach** – Unlike traditional rankings dominated by STEM disciplines, this ranking **highlights the real academic impact of Social Sciences & Humanities**, ensuring that institutions and researchers in these fields get the visibility they deserve.
✓ **Comprehensive Performance Metrics** – Rankings are conducted at **both institutional and individual levels**, based on **H-index, i10-index, and citation data**, providing a **data-driven and objective assessment of academic excellence**.

✓ **The AD Scientific Index Advantage: With real-time data updates, a transparent methodology, and a strong focus on academic impact**, this ranking ensures that **achievements in Social Sciences & Humanities are properly recognized!**

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18. Art and Humanities Rankings

- Specialized ranking for **History, Philosophy, Theology, Linguistics and Literature, Archaeology, and Arts**
- Ensures **achievements in arts and humanities** are recognized
- Provides **balanced evaluation** free from STEM dominance
- Explorable at **institutional** and **individual** levels (H-index, i10 index, citations)

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19. Pricing Policy

Free Services

- **No charge** for accessing individual and institutional rankings via the **main category pages**
- **Most comprehensive academic data** (for individuals and institutions) is **freely accessible** on AD Scientific Index

Premium Services

- **One-time fee** (covering three years) for:
  - More **comprehensive analyses**
  - Ability to **input and modify** data on Scientist and Institution pages
  - **Full control** over your academic profile
- **Differentiated pricing** based on **income levels** of countries
- **Strict deletion policy** for unethical or misleading profiles applies to **all** users (including paid)

We remain **academically and economically independent**, offering unbiased services to the academic community.

20. Privacy – Data Policy

- We respect **personal rights** and **data deletion requests**.
- **Click here** for more information on our privacy and data policies.

21. Contact

22. FAQ Frequently Asked Questions and Answer

Table I. Scientists in Bulgaria: Ranking and Analysis

#	Country	Country Region Rank	Country World Rank	Total Institutions	Total Scientist
1	Bulgaria	33	68	96	5602

Table II. All Types of Institutions in Bulgaria: 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	Sofia University St Kliment Ohridski	1	623	1516	Bulgaria	Public	1888	8	26	60	118
2	Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences	2	1262	3221	Bulgaria	Institution	2010	3	8	11	22
3	Medical University Sofia	3	1335	3431	Bulgaria	Public	1918	1	7	11	25
4	Institute of Physical Chemistry Bulgarian Academy of Sciences	4	1340	3440	Bulgaria	Institution	1958	1	7	11	15
5	Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences	5	1406	3633	Bulgaria	Institution	1960	1	6	16	25
6	Medical University Prof Dr Paraskev Stoyanov Varna	6	1429	3701	Bulgaria	Public	1961	0	6	11	29
7	Institute of Organic Chemistry Bulgarian Academy of Sciences	7	1593	4210	Bulgaria	Institution	1960	1	4	16	26
8	Institute of Mathematics and Informatics, Bulgarian Academy of Sciences	8	1622	4290	Bulgaria	Institution	1947	0	4	12	32
9	Institute of Polymers	9	1683	4466	Bulgaria	Institution	2014	2	4	8	12
10	Institute of Mechanics, Bulgarian Academy of Sciences	10	1693	4487	Bulgaria	Institution	1987	0	4	7	13
11	Bulgarian Academy of Sciences	11	1760	4650	Bulgaria	Institution	1869	0	3	17	34
12	Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences	12	1824	4843	Bulgaria	Institution	2010	1	3	10	14
13	University of Chemical Technology and Metallurgy Sofia	13	1829	4856	Bulgaria	Public	1953	0	3	9	29
14	Medical University Plovdiv	14	1830	4859	Bulgaria	Public	1945	0	3	9	23

#	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	Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences	15	1861	5004	Bulgaria	Institution	2010	0	3	7	10
16	Plovdiv University Paisii Hilendarski	16	1970	5386	Bulgaria	Public	1961	0	2	12	48
17	Institute of Microbiology, Bulgarian Academy of Sciences	17	2022	5558	Bulgaria	Institution	1947	0	2	8	14
18	Institute of Catalysis Bulgarian Academy of Sciences	18	2025	5562	Bulgaria	Institution	1963	0	2	8	13
19	Institute of Solid State Physics, Bulgarian Academy of Sciences	19	2039	5602	Bulgaria	Institution	1972	0	2	7	21
20	University of Food Technologies Plovdiv	20	2068	5696	Bulgaria	Public	1953	0	2	6	11
21	Institute of Biodiversity and Ecosystem Research	21	2332	6658	Bulgaria	Institution	2015	0	1	7	12
22	Technical University of Sofia	22	2402	6925	Bulgaria	Public	1945	0	1	4	19
23	University of Ruse Angel Kanchev	23	2406	6932	Bulgaria	Public	1945	0	1	4	7
24	Institute of Molecular Biology, Bulgarian Academy of Sciences	24	2458	7123	Bulgaria	Institution	1869	0	1	4	5
25	Institute of Oceanology, Bulgarian Academy of Sciences	25	2484	7231	Bulgaria	Institution	1973	0	1	3	6
26	Institute of Mineralogy and Crystallography, Bulgarian Academy of Sciences	26	2525	7400	Bulgaria	Institution	1951	0	1	3	6
27	Institute of Astronomy and National Astronomical Observatory, BAS	27	2549	7503	Bulgaria	Institution	1994	0	1	3	3
28	University of Shumen Bishop Konstantin of Preslav	28	2569	7554	Bulgaria	Public	1971	0	1	2	6
29	National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences	29	2607	7742	Bulgaria	Institution	1869	0	1	2	4
30	Space research and technology institute of BAS	30	2623	7827	Bulgaria	Institution	1987	0	1	2	5

#	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%
31	National Center of Public Health and Analyses	31	2672	8050	Bulgaria	Institution	1996	0	1	2	2
32	Institute of Chemical Engineering, Bulgarian Academy of Sciences	32	2750	8456	Bulgaria	Institution	1984	0	1	1	2
33	Varna University of Management	33	2760	8507	Bulgaria	Private	1996	1	1	1	2
34	Trakia University Stara Zagora	34	2921	9245	Bulgaria	Public	1995	0	0	5	19
35	Institute of Information and Communication Technologies	35	2952	9359	Bulgaria	Institution	2010	0	0	4	16
36	Institute of Electrochemistry and Energy Systems, Bulgarian Academy of Sciences	36	2991	9491	Bulgaria	Institution	1967	0	0	4	6
37	Institute of Electronics, Bulgarian Academy of Sciences	37	3029	9625	Bulgaria	Institution	1869	0	0	3	7
38	National Center of Infectious and Parasitic Diseases	38	3030	9626	Bulgaria	Institution	1881	0	0	3	5
39	Agricultural University Plovdiv	39	3119	9956	Bulgaria	Public	1945	0	0	2	5
40	South-West University Neofit Rilski Blagoevgrad	40	3132	10041	Bulgaria	Public	1975	0	0	2	6
41	University of Library Studies and Information Technologies Sofia	41	3141	10073	Bulgaria	Public	1950	0	0	2	4
42	University of Mining and Geology St Ivan Rislki Sofia	42	3160	10149	Bulgaria	Public	1953	0	0	2	3
43	Geological Institute, Bulgarian Academy of Sciences	43	3165	10180	Bulgaria	Institution	2019	0	0	2	7
44	Institute of Astronomy, Bulgarian Academy of Sciences	44	3300	10772	Bulgaria	Institution	1958	0	0	1	6
45	University of Forestry Sofia	45	3325	10889	Bulgaria	Public	1953	0	0	1	4
46	Bourgas University Prof Assen Zlatarov	46	3333	10935	Bulgaria	Public	1995	0	0	1	7
47	Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences	47	3336	10940	Bulgaria	Institution	2010	0	0	1	6

#	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%
48	New Bulgarian University	48	3338	10944	Bulgaria	Private	1991	0	0	1	3
49	Technical University of Varna	49	3352	11009	Bulgaria	Public	1962	0	0	1	4
50	Institute of Neurobiology, Bulgarian Academy of Sciences	50	3498	11737	Bulgaria	Institution	1869	0	0	1	3
51	Veliko Tarnovo University St Cyril and Methodius	51	3504	11761	Bulgaria	Public	1963	0	0	1	2
52	University of Agribusiness and Rural Development	52	3550	11983	Bulgaria	Public	1992	0	0	1	1
53	Acibadem City Clinic Tokuda Hospital	53	3604	12284	Bulgaria	Hospital	2006	0	0	1	1
54	Military Medical Academy Sofia	54	3652	12558	Bulgaria	Institution	1891	0	0	1	1
55	National Heart Hospital	55	3732	12955	Bulgaria	Hospital	1961	0	0	1	1
56	Institute of Forage Crops, BAS	56	3787	13184	Bulgaria	Institution	1884	0	0	1	1
57	University of National and World Economy Sofia	57	3836	13345	Bulgaria	Public	1920	0	0	0	4
58	University of Economics Varna	58	3856	13433	Bulgaria	Public	1920	0	0	0	3
59	Medical University Pleven	59	3870	13484	Bulgaria	Public	1974	0	0	0	4
60	Burgas Free University	60	3910	13729	Bulgaria	Private	1991	0	0	0	1
61	National Institute of Meteorology and Hydrology, BAS	61	3932	13853	Bulgaria	Institution	1890	0	0	0	0
62	American University in Bulgaria	62	3933	13860	Bulgaria	Private	1991	0	0	0	3
63	Technical University of Sofia Branch Plovdiv	63	3937	13882	Bulgaria	Public	1986	0	0	0	1
64	University of Architecture Civil Engineering and Geodesy	64	3973	14098	Bulgaria	Public	1942	0	0	0	2
65	Vasil Levski National Military University Veliko Tarnovo	65	3975	14117	Bulgaria	Public	1924	0	0	0	2
66	Agricultural Academy	66	3996	14255	Bulgaria	Private	1961	0	0	0	2
67	Institute of Robotics - BAS	67	4015	14365	Bulgaria	Institution	2019	0	0	0	1
68	Varna Free University Chernorizets Hrabar	68	4069	14708	Bulgaria	Private	1991	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%
69	National Institute of Archaeology and Museum, Bulgarian Academy of Sciences	69	4079	14771	Bulgaria	Institution	1905	0	0	0	1
70	Institute of Biology and Immunology of Reproduction	70	4092	14875	Bulgaria	Institution	2019	0	0	0	2
71	Technical University of Gabrovo	71	4138	15146	Bulgaria	Public	1964	0	0	0	2
72	Nikola Vaptsarov Naval Academy	72	4265	16009	Bulgaria	Public	1881	0	0	0	1
73	University of Security and Economics	73	4279	16079	Bulgaria	Private	2003	0	0	0	1
74	Maritsa Vegetable Crops Research Institute	74	4305	16236	Bulgaria	Institution	2014	0	0	0	2
75	Institute for Bulgarian Language	75	4325	16284	Bulgaria	Institution	1942	0	0	0	0
76	Academy of Economics Dimitar Apostolov Tsenov Svishtov	76	4336	16347	Bulgaria	Public	1936	0	0	0	1
77	International Business School	77	4348	16433	Bulgaria	Private	1991	0	0	0	0
78	Institute of Cryobiology and Food Technology, BAS	78	4352	16444	Bulgaria	Institution	2007	0	0	0	0
79	Institute of Agricultural Economics, Sofia	79	4372	16603	Bulgaria	Institution	2000	0	0	0	0
80	University of Telecommunications and Posts	80	4393	16816	Bulgaria	Public	1923	0	0	0	0
81	European Polytechnic University	81	4492	17746	Bulgaria	Public	2010	0	0	0	1
82	Center of Plant Systems Biology and Biotechnology	82	4518	17874	Bulgaria	Institution	2015	0	0	0	1
83	Institute for Historical Studies, Bulgarian Academy of Sciences	83	4587	18315	Bulgaria	Institution	1973	0	0	0	0
84	Naval School Nikola Vaptsarov Varna	84	4772	19156	Bulgaria	Public	1942	0	0	0	0
85	University of Transport Todor Kableshkov	85	4777	19291	Bulgaria	Public	1922	0	0	0	0
86	Institute of Ethnology and Folklore Studies with Ethnographic Museum	86	4789	19467	Bulgaria	Institution	2010	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%
87	University of Finance, Business and Entrepreneurship	87	4830	19868	Bulgaria	Private	2002	0	0	0	0
88	Bulgarian Defense Institute Prof. Tsvetan Lazarov	88	4861	20265	Bulgaria	Institution	1994	0	0	0	0
89	Institute of Metal Science Equipment and Technologies, BAS	89	4875	20301	Bulgaria	Institution	1960	0	0	0	0
90	Academy of Music, Dance and Fine Arts	90	4892	20603	Bulgaria	Public	1964	0	0	0	0
91	Institute for Literature Bulgarian Academy of Sciences	91	4966	21533	Bulgaria	Institution	2019	0	0	0	0
92	Institute of Animal Science Kostinbrod	92	5006	21661	Bulgaria	Institution	1950	0	0	0	0
93	Institute of Fisheries and Aquaculture, BAS	93	5012	21694	Bulgaria	Institution	1933	0	0	0	0
94	Food Research and Development Institute	94	5041	21823	Bulgaria	Institution	1968	0	0	0	0
95	Bulgarian Antarctic Institute	95	5193	23494	Bulgaria	Institution	2004	0	0	0	0
96	Lindner Bulgaria EOOD	96	5228	23989	Bulgaria	Company	2002	0	0	0	0

Table III. Universities in Bulgaria: 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	Sofia University St Kliment Ohridski	1	470	1184	Bulgaria	Public	1888	8	26	60	118
2	Medical University Sofia	2	798	2344	Bulgaria	Public	1918	1	7	11	25
3	Medical University Prof Dr Paraskev Stoyanov Varna	3	853	2525	Bulgaria	Public	1961	0	6	11	29
4	University of Chemical Technology and Metallurgy Sofia	4	1040	3239	Bulgaria	Public	1953	0	3	9	29
5	Medical University Plovdiv	5	1041	3242	Bulgaria	Public	1945	0	3	9	23
6	Plovdiv University Paisii Hilendarski	6	1106	3580	Bulgaria	Public	1961	0	2	12	48
7	University of Food Technologies Plovdiv	7	1162	3805	Bulgaria	Public	1953	0	2	6	11
8	Technical University of Sofia	8	1347	4675	Bulgaria	Public	1945	0	1	4	19
9	University of Ruse Angel Kanchev	9	1350	4680	Bulgaria	Public	1945	0	1	4	7
10	University of Shumen Bishop Konstantin of Preslav	10	1445	5134	Bulgaria	Public	1971	0	1	2	6
11	Varna University of Management	11	1542	5821	Bulgaria	Private	1996	1	1	1	2
12	Trakia University Stara Zagora	12	1615	6312	Bulgaria	Public	1995	0	0	5	19
13	Agricultural University Plovdiv	13	1744	6862	Bulgaria	Public	1945	0	0	2	5
14	South-West University Neofit Rilski Blagoevgrad	14	1754	6937	Bulgaria	Public	1975	0	0	2	6
15	University of Library Studies and Information Technologies Sofia	15	1759	6963	Bulgaria	Public	1950	0	0	2	4
16	University of Mining and Geology St Ivan Rislki Sofia	16	1773	7030	Bulgaria	Public	1953	0	0	2	3
17	University of Forestry Sofia	17	1861	7565	Bulgaria	Public	1953	0	0	1	4
18	Bourgas University Prof Assen Zlatarov	18	1869	7607	Bulgaria	Public	1995	0	0	1	7
19	New Bulgarian University	19	1873	7615	Bulgaria	Private	1991	0	0	1	3
20	Technical University of Varna	20	1885	7670	Bulgaria	Public	1962	0	0	1	4

#	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%
21	Veliko Tarnovo University St Cyril and Methodius	21	1979	8283	Bulgaria	Public	1963	0	0	1	2
22	University of Agribusiness and Rural Development	22	2009	8475	Bulgaria	Public	1992	0	0	1	1
23	University of National and World Economy Sofia	23	2146	9462	Bulgaria	Public	1920	0	0	0	4
24	University of Economics Varna	24	2158	9536	Bulgaria	Public	1920	0	0	0	3
25	Medical University Pleven	25	2169	9580	Bulgaria	Public	1974	0	0	0	4
26	Burgas Free University	26	2198	9794	Bulgaria	Private	1991	0	0	0	1
27	American University in Bulgaria	27	2215	9903	Bulgaria	Private	1991	0	0	0	3
28	Technical University of Sofia Branch Plovdiv	28	2218	9924	Bulgaria	Public	1986	0	0	0	1
29	University of Architecture Civil Engineering and Geodesy	29	2245	10114	Bulgaria	Public	1942	0	0	0	2
30	Vasil Levski National Military University Veliko Tarnovo	30	2246	10132	Bulgaria	Public	1924	0	0	0	2
31	Agricultural Academy	31	2262	10255	Bulgaria	Private	1961	0	0	0	2
32	Varna Free University Chernorizets Hrabar	32	2307	10636	Bulgaria	Private	1991	0	0	0	1
33	Technical University of Gabrovo	33	2348	10973	Bulgaria	Public	1964	0	0	0	2
34	Nikola Vaptsarov Naval Academy	34	2434	11719	Bulgaria	Public	1881	0	0	0	1
35	University of Security and Economics	35	2443	11776	Bulgaria	Private	2003	0	0	0	1
36	Academy of Economics Dimitar Apostolov Tsenov Svishtov	36	2470	11970	Bulgaria	Public	1936	0	0	0	1
37	International Business School	37	2479	12046	Bulgaria	Private	1991	0	0	0	0
38	University of Telecommunications and Posts	38	2510	12405	Bulgaria	Public	1923	0	0	0	0
39	European Polytechnic University	39	2582	13236	Bulgaria	Public	2010	0	0	0	1
40	Naval School Nikola Vaptsarov Varna	40	2696	14151	Bulgaria	Public	1942	0	0	0	0

#	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%
41	University of Transport Todor Kableshkov	41	2701	14281	Bulgaria	Public	1922	0	0	0	0
42	University of Finance, Business and Entrepreneurship	42	2726	14809	Bulgaria	Private	2002	0	0	0	0
43	Academy of Music, Dance and Fine Arts	43	2757	15459	Bulgaria	Public	1964	0	0	0	0

Table IV. Public Universities in Bulgaria: 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	Sofia University St Kliment Ohridski	1	449	1033	Bulgaria	1888	8	26	60	118
2	Medical University Sofia	2	724	1930	Bulgaria	1918	1	7	11	25
3	Medical University Prof Dr Paraskev Stoyanov Varna	3	766	2060	Bulgaria	1961	0	6	11	29
4	University of Chemical Technology and Metallurgy Sofia	4	910	2554	Bulgaria	1953	0	3	9	29
5	Medical University Plovdiv	5	911	2555	Bulgaria	1945	0	3	9	23
6	Plovdiv University Paisii Hilendarski	6	967	2765	Bulgaria	1961	0	2	12	48
7	University of Food Technologies Plovdiv	7	1014	2912	Bulgaria	1953	0	2	6	11
8	Technical University of Sofia	8	1157	3427	Bulgaria	1945	0	1	4	19
9	University of Ruse Angel Kanchev	9	1160	3432	Bulgaria	1945	0	1	4	7
10	University of Shumen Bishop Konstantin of Preslav	10	1228	3703	Bulgaria	1971	0	1	2	6
11	Trakia University Stara Zagora	11	1350	4276	Bulgaria	1995	0	0	5	19
12	Agricultural University Plovdiv	12	1441	4605	Bulgaria	1945	0	0	2	5
13	South-West University Neofit Rilski Blagoevgrad	13	1448	4647	Bulgaria	1975	0	0	2	6
14	University of Library Studies and Information Technologies Sofia	14	1453	4663	Bulgaria	1950	0	0	2	4
15	University of Mining and Geology St Ivan Rislki Sofia	15	1463	4700	Bulgaria	1953	0	0	2	3
16	University of Forestry Sofia	16	1526	4976	Bulgaria	1953	0	0	1	4
17	Bourgas University Prof Assen Zlatarov	17	1533	5003	Bulgaria	1995	0	0	1	7
18	Technical University of Varna	18	1545	5045	Bulgaria	1962	0	0	1	4
19	Veliko Tarnovo University St Cyril and Methodius	19	1614	5372	Bulgaria	1963	0	0	1	2

#	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%
20	University of Agribusiness and Rural Development	20	1633	5462	Bulgaria	1992	0	0	1	1
21	University of National and World Economy Sofia	21	1717	5918	Bulgaria	1920	0	0	0	4
22	University of Economics Varna	22	1729	5965	Bulgaria	1920	0	0	0	3
23	Medical University Pleven	23	1736	5987	Bulgaria	1974	0	0	0	4
24	Technical University of Sofia Branch Plovdiv	24	1772	6164	Bulgaria	1986	0	0	0	1
25	University of Architecture Civil Engineering and Geodesy	25	1790	6270	Bulgaria	1942	0	0	0	2
26	Vasil Levski National Military University Veliko Tarnovo	26	1791	6279	Bulgaria	1924	0	0	0	2
27	Technical University of Gabrovo	27	1847	6686	Bulgaria	1964	0	0	0	2
28	Nikola Vaptsarov Naval Academy	28	1900	7033	Bulgaria	1881	0	0	0	1
29	Academy of Economics Dimitar Apostolov Tsenov Svishtov	29	1921	7160	Bulgaria	1936	0	0	0	1
30	University of Telecommunications and Posts	30	1942	7343	Bulgaria	1923	0	0	0	0
31	European Polytechnic University	31	1980	7724	Bulgaria	2010	0	0	0	1
32	Naval School Nikola Vaptsarov Varna	32	2049	8148	Bulgaria	1942	0	0	0	0
33	University of Transport Todor Kableshkov	33	2053	8193	Bulgaria	1922	0	0	0	0
34	Academy of Music, Dance and Fine Arts	34	2090	8701	Bulgaria	1964	0	0	0	0

Table V. Private Universities in Bulgaria: 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	Varna University of Management	1	251	1787	Bulgaria	1996	1	1	1	2
2	New Bulgarian University	2	338	2606	Bulgaria	1991	0	0	1	3
3	Burgas Free University	3	440	3686	Bulgaria	1991	0	0	0	1
4	American University in Bulgaria	4	445	3750	Bulgaria	1991	0	0	0	3
5	Agricultural Academy	5	461	3920	Bulgaria	1961	0	0	0	2
6	Varna Free University Chernorizets Hrabar	6	482	4112	Bulgaria	1991	0	0	0	1
7	University of Security and Economics	7	539	4716	Bulgaria	2003	0	0	0	1
8	International Business School	8	554	4848	Bulgaria	1991	0	0	0	0
9	University of Finance, Business and Entrepreneurship	9	660	6397	Bulgaria	2002	0	0	0	0

Table VI. Young Universities in Bulgaria: 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	Varna University of Management	11	1542	5821	Bulgaria	1996	1	1	1	2
2	Trakia University Stara Zagora	12	1615	6312	Bulgaria	1995	0	0	5	19
3	Bourgas University Prof Assen Zlatarov	18	1869	7607	Bulgaria	1995	0	0	1	7
4	University of Security and Economics	35	2443	11776	Bulgaria	2003	0	0	0	1
5	European Polytechnic University	39	2582	13236	Bulgaria	2010	0	0	0	1
6	University of Finance, Business and Entrepreneurship	42	2726	14809	Bulgaria	2002	0	0	0	0

Table VII. Institutions in Bulgaria: 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 for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences	1	457	837	Bulgaria	2010	3	8	11	22
2	Institute of Physical Chemistry Bulgarian Academy of Sciences	2	489	898	Bulgaria	1958	1	7	11	15
3	Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences	3	507	938	Bulgaria	1960	1	6	16	25
4	Institute of Organic Chemistry Bulgarian Academy of Sciences	4	596	1112	Bulgaria	1960	1	4	16	26
5	Institute of Mathematics and Informatics, Bulgarian Academy of Sciences	5	602	1124	Bulgaria	1947	0	4	12	32
6	Institute of Polymers	6	624	1178	Bulgaria	2014	2	4	8	12
7	Institute of Mechanics, Bulgarian Academy of Sciences	7	630	1187	Bulgaria	1987	0	4	7	13
8	Bulgarian Academy of Sciences	8	665	1257	Bulgaria	1869	0	3	17	34
9	Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences	9	687	1296	Bulgaria	2010	1	3	10	14
10	Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences	10	697	1321	Bulgaria	2010	0	3	7	10
11	Institute of Microbiology, Bulgarian Academy of Sciences	11	760	1469	Bulgaria	1947	0	2	8	14
12	Institute of Catalysis Bulgarian Academy of Sciences	12	762	1471	Bulgaria	1963	0	2	8	13
13	Institute of Solid State Physics, Bulgarian Academy of Sciences	13	769	1482	Bulgaria	1972	0	2	7	21
14	Institute of Biodiversity and Ecosystem Research	14	865	1688	Bulgaria	2015	0	1	7	12

#	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%
15	Institute of Molecular Biology, Bulgarian Academy of Sciences	15	900	1755	Bulgaria	1869	0	1	4	5
16	Institute of Oceanology, Bulgarian Academy of Sciences	16	908	1773	Bulgaria	1973	0	1	3	6
17	Institute of Mineralogy and Crystallography, Bulgarian Academy of Sciences	17	919	1801	Bulgaria	1951	0	1	3	6
18	Institute of Astronomy and National Astronomical Observatory, BAS	18	928	1829	Bulgaria	1994	0	1	3	3
19	National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences	19	942	1857	Bulgaria	1869	0	1	2	4
20	Space research and technology institute of BAS	20	945	1872	Bulgaria	1987	0	1	2	5
21	National Center of Public Health and Analyses	21	966	1916	Bulgaria	1996	0	1	2	2
22	Institute of Chemical Engineering, Bulgarian Academy of Sciences	22	988	1973	Bulgaria	1984	0	1	1	2
23	Institute of Information and Communication Technologies	23	1037	2100	Bulgaria	2010	0	0	4	16
24	Institute of Electrochemistry and Energy Systems, Bulgarian Academy of Sciences	24	1045	2120	Bulgaria	1967	0	0	4	6
25	Institute of Electronics, Bulgarian Academy of Sciences	25	1054	2132	Bulgaria	1869	0	0	3	7
26	National Center of Infectious and Parasitic Diseases	26	1055	2133	Bulgaria	1881	0	0	3	5
27	Geological Institute, Bulgarian Academy of Sciences	27	1082	2194	Bulgaria	2019	0	0	2	7
28	Institute of Astronomy, Bulgarian Academy of Sciences	28	1118	2288	Bulgaria	1958	0	0	1	6

#	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%
29	Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences	29	1121	2297	Bulgaria	2010	0	0	1	6
30	Institute of Neurobiology, Bulgarian Academy of Sciences	30	1152	2370	Bulgaria	1869	0	0	1	3
31	Military Medical Academy Sofia	31	1177	2445	Bulgaria	1891	0	0	1	1
32	Institute of Forage Crops, BAS	32	1219	2538	Bulgaria	1884	0	0	1	1
33	National Institute of Meteorology and Hydrology, BAS	33	1245	2615	Bulgaria	1890	0	0	0	0
34	Institute of Robotics - BAS	34	1257	2645	Bulgaria	2019	0	0	0	1
35	National Institute of Archaeology and Museum, Bulgarian Academy of Sciences	35	1268	2671	Bulgaria	1905	0	0	0	1
36	Institute of Biology and Immunology of Reproduction	36	1271	2683	Bulgaria	2019	0	0	0	2
37	Maritsa Vegetable Crops Research Institute	37	1312	2802	Bulgaria	2014	0	0	0	2
38	Institute for Bulgarian Language	38	1321	2816	Bulgaria	1942	0	0	0	0
39	Institute of Cryobiology and Food Technology, BAS	39	1325	2828	Bulgaria	2007	0	0	0	0
40	Institute of Agricultural Economics, Sofia	40	1329	2834	Bulgaria	2000	0	0	0	0
41	Center of Plant Systems Biology and Biotechnology	41	1349	2898	Bulgaria	2015	0	0	0	1
42	Institute for Historical Studies, Bulgarian Academy of Sciences	42	1363	2937	Bulgaria	1973	0	0	0	0
43	Institute of Ethnology and Folklore Studies with Ethnographic Museum	43	1418	3102	Bulgaria	2010	0	0	0	0
44	Bulgarian Defense Institute Prof. Tsvetan Lazarov	44	1423	3128	Bulgaria	1994	0	0	0	0
45	Institute of Metal Science Equipment and Technologies, BAS	45	1429	3139	Bulgaria	1960	0	0	0	0

#	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%
46	Institute for Literature Bulgarian Academy of Sciences	46	1441	3191	Bulgaria	2019	0	0	0	0
47	Institute of Animal Science Kostinbrod	47	1460	3223	Bulgaria	1950	0	0	0	0
48	Institute of Fisheries and Aquaculture, BAS	48	1462	3230	Bulgaria	1933	0	0	0	0
49	Food Research and Development Institute	49	1470	3261	Bulgaria	1968	0	0	0	0
50	Bulgarian Antarctic Institute	50	1510	3389	Bulgaria	2004	0	0	0	0

Table VIII. Companies in Bulgaria: 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	Lindner Bulgaria EOOD	1	654	1955	Bulgaria	2002	0	0	0	0

Table IX. Hospitals in Bulgaria: 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%
1	Acibadem City Clinic Tokuda Hospital	1	75	200	Bulgaria	2006	0	0	1	1
2	National Heart Hospital	2	82	213	Bulgaria	1961	0	0	1	1