

ANALYZE	4.98
0.33	EVALUATE
SCRUTINIZE	3.34
7.29	APPRAISE
7.23	0.88
BENCHMARK	4.87
4.87	4.09
INVESTIGATE	17.99
4.09	ASSESS
5.92	9.45
DIFFERENTIATE	2.74
5.88	SCALE
MEASURE	0.88
1.03	4.87
REVEAL	RANK
3.05	0.33
EXAMINE	GAUGE
10.83	7.29
EXPLORE	3.00
6.34	COMPARE
0.88	
4.87	
4.09	

National Science Indicators

Enabling systematic assessments of international research

National Science Indicators is an easy-to-use statistical database of national research performance measures in the sciences, social sciences, and humanities. The most up-to-date statistics from over 200 nations and four regions (Asia Pacific, Asia Pacific excluding Japan, the European Union, and Latin America) allow users to measure a nation's publication output and citation impact.

Based on unique and authoritative publication and citation statistics from Thomson Scientific, National Science Indicators contains 25 years of valuable analytical data on research productivity and influence.

In-depth analyses of research performance and productivity

National Science Indicators restructures Thomson Scientific bibliographic and citation data — enabling quantitative analyses of the scientific literature. Instead of merely retrieving information, users can systematically analyze research activity and performance in the sciences, social sciences, and humanities.

Anyone who needs to monitor and assess research performance — such as policymakers and research analysts, offices of science and technology, ministries of research and education, councils of rectors, and non-governmental organizations — can benefit from this objective, analytical approach to scholarly data.

National Science Indicators helps you make rational, informed decisions

Make strategic budget decisions

Which research areas within your nation are showing an increase in publication output and impact? Which are showing a decrease? How does the overall performance of one country or region — and the performance of specific research fields within those areas — compare with others? Use these performance metrics to gain the insight you need to allocate funds accurately and intelligently.

Identify strengths, weaknesses and opportunities

What are your areas of specialization? How do other countries' research performance compare? Use country and field baselines to make in-depth and targeted comparisons.

Track other nations' progress

Which nations are ranked highly in what fields? Have new contenders for the top spots suddenly emerged? Which areas of research are specific countries targeting? Gather the information you need for accurate benchmarking against peer countries.

A comprehensive tool...

Value-added metrics help users conduct internal and peer comparisons:

Total number of papers — a measure of output

Find out whether your country's output is higher or lower than others — and whether it is gaining or losing ground. Clarify your primary areas of specialization by seeing what percentage of your overall publication output is represented by each research area.

Total citations to papers — a measure of influence

Capture the overall influence of a nation's body of research.

Average cites per paper — a measure of impact

Discover the impact of research areas within your country, regardless of its size or output. Pinpoint your areas of greatest influence by comparing research areas' impact with the corresponding field's average impact.

Baselines — a measure of comparison

Analyze your nation's performance, based on field and country baselines for publication, citation, and impact.

A wide variety of analysis options

Choose a time period to analyze

Analyze the data for each year, for the entire period, for the most recent five-year period, or in five-year moving windows of papers published and cited in one or any group of countries

Choose fields to analyze

Examine performance overall or in one or more of 24 broad subfields in the sciences and social sciences (Standard Version) or 106 narrower fields in the sciences, social sciences, and humanities (Deluxe Version)

Choose a nation, group of nations, or region to analyze

Compare actual and relative performance using built-in baseline statistics that provide world-wide averages for each nation and discipline.

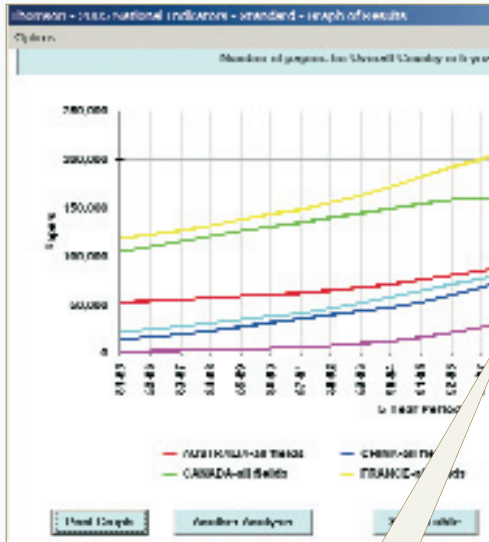
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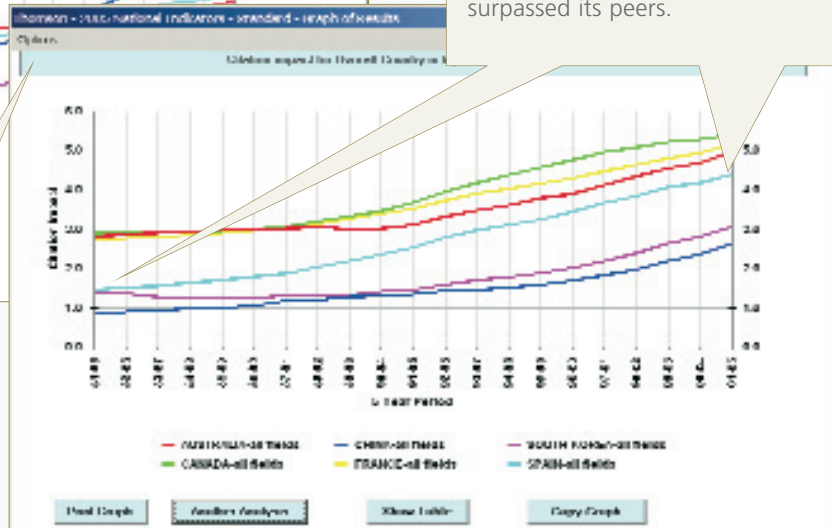
Create tables, charts and graphs to view data graphically.

Country data



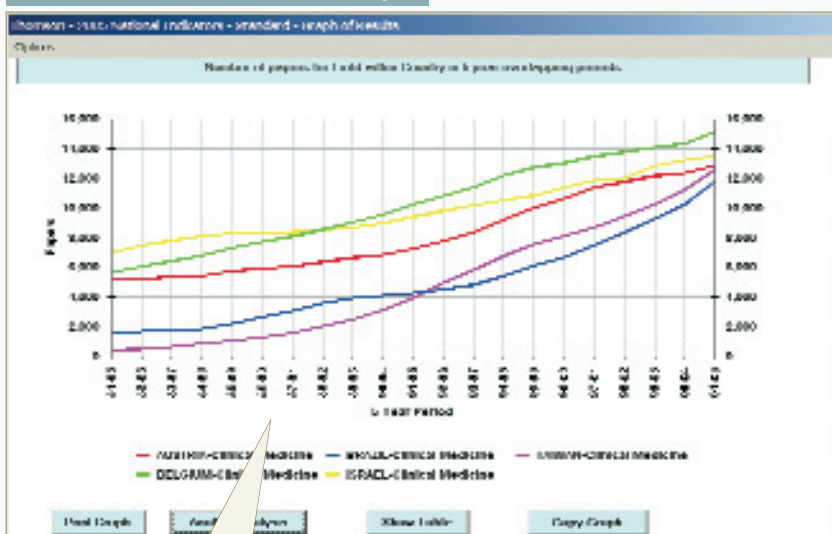
Trends in publication output provide useful insights into a nation's research output.

Impact — average cites per paper — can vary over time. A last-place country in 1981 may now have surpassed its peers.

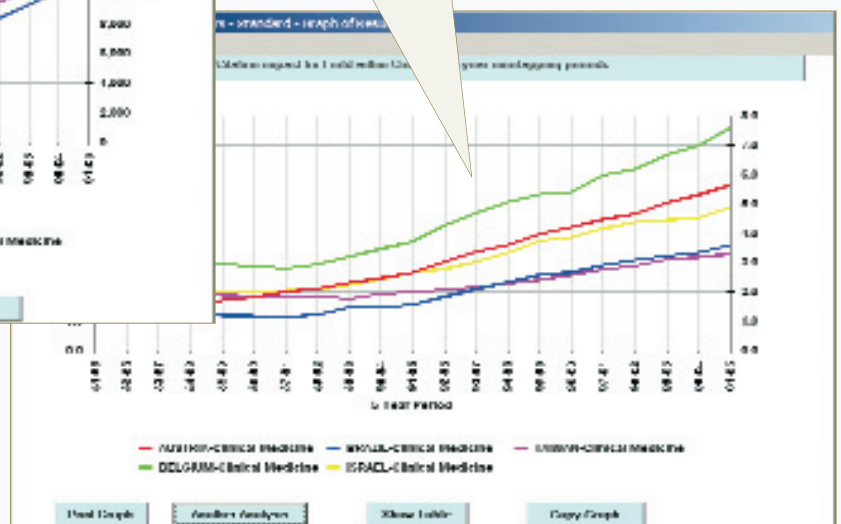


Use menu option to export data into research support systems.

Research area within country



Long-term trends of impact in specific research areas reveal insights into how planning decisions may influence performance.



Output can also vary over time, showing increased or decreased emphasis in specific research areas.

With National Science Indicators you can....

- Make strategic budget decisions
- Benchmark against other nations
- Analyze performance trends
- Identify areas of excellence
- Allocate research resources

See how National Science Indicator's quantitative, objective data can help you make informed insightful decisions.

For more information, go to:

www.scientific.thomson.com/products/rsg

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The Research Services Group

The Research Services Group offers a range of products and services, integrated with easy-to-use graphical interfaces for use on PCs.

The Research Services Group maintains a specially structured file of publication and citation data, derived from the same database used by *Web of Science*[®]. The same stringent editorial policy, multidisciplinary coverage of over 8,700 scholarly journals, and exhaustive author and address data that make *Web of Science* a renowned and acknowledged source for bibliometric analysis, also make Research Services Group products equally reliable and comprehensive. This data, which includes annual and total citation counts (essential measures of research influence and impact), makes quantitative and systematic assessments both feasible and practical.

Research Services Group products include:

- National Science Indicators
- Institutional Science Indicators
 - United States
 - United Kingdom
 - Canada
 - Australia
- Custom Indicators
- National Citation Report
- Institutional Citation Report
- Local Journal Utilization Report
- Journal Performance Indicators
- Journal Analysis Database
- High Impact Papers
- Research Fronts
- U.S. State Indicators
- Regional Indicators
- *Science Watch*[®]/Hot Papers

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