



Research Impact

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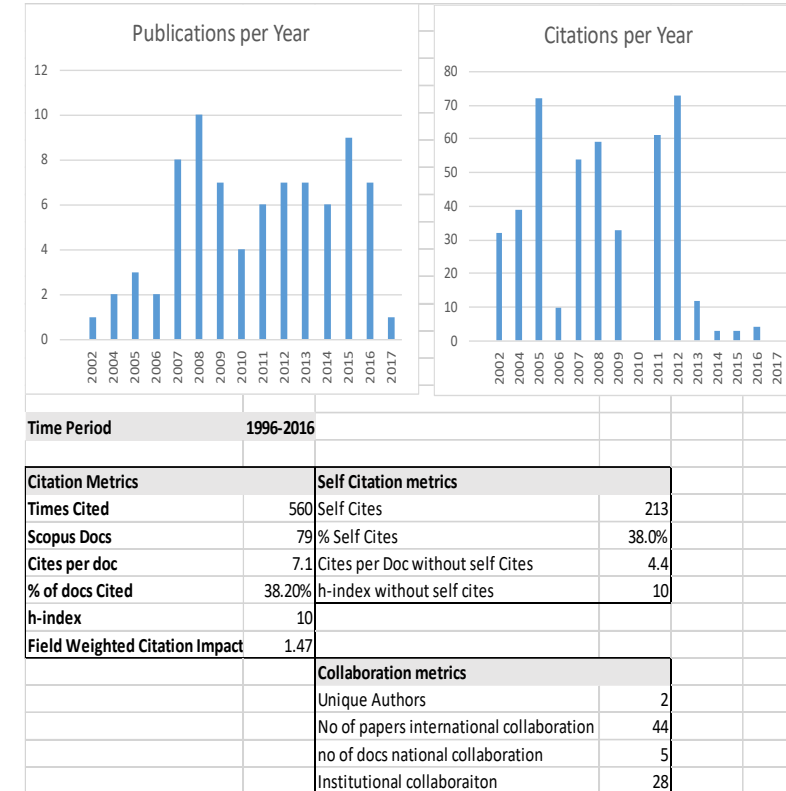
The Big Picture: Research Metrics Uses

KPIs metrics

No.	KPI	2013/14	2014/15	2015/16 E
	Academic FTE	167.82	169.01	169.01
	Academic FTE Minus PTA	159.95	162.93	162.93
1	Total Publications (from IRIS)/Academic FTE	7.53	7.66	7.21
2	Total indexed publications in ISI WOS/Academic FTE	3.69	4.35	3.12
3	Total Citations per year/Academic FTE	51.03	62.86	76.13
4	Citation Impact – Total citations (rolling 5 yr) in ISI WOS/Total indexed publications in ISI WOS	4.52	5.24	6.51

- Funding Applications
- University KPIs
- Institutional Review of Research performance (IRRP)
- Research Strategy – Opportunities, strengths
- Rankings

Researcher Profile metrics



IRRP metrics

IRRP			IRIS 2011-2015						Incites (2010-2014)			Incites - 2014			Supervisor Grand Total 2011-2015		Research Funding (Spend) 2010-2015
Name	Gender	Title	Journal	IRIS Book	Chapters	Conf. Papers	Other Publs	All Publications	5 year cites	5 year docs	Average Cites per Document	Cites	Docs	Average Cites per Document	PHDs	Masters	Funding
Joe bloggs	Female	Professor	5	0	0	22	2	29	16.0	3.0	5.3	0.0	0.0	0.0	21	0	€50,000
Jane Doe	Female	Lecturer Above	1	0	1	19	6	27							8	0	€25,196
Tom Halo	Female	Lecturer Above	2	0	3	0	15	20							14	0	€22,315

The Big Picture: Sources of Research Metrics

Scopus

- **Scopus** - bibliographic database containing abstracts and citations for over 60m academic journal articles since 1996. Encompasses over 21.5k peer reviewed journals and 130k books. Scopus offers **author profiles** which cover affiliations, number of publications and their bibliographic data, references, and details on the number of citations each published document has received. Ensure you use a consistent Author name/ID

SciVal

- **SciVal** *links to profiles in Scopus*. Can combine profiles into Schools, Research Groups and present visual research performance, benchmark relative to peers, develop collaborative partnerships and analyze research trends at an institutional or department or subject level.

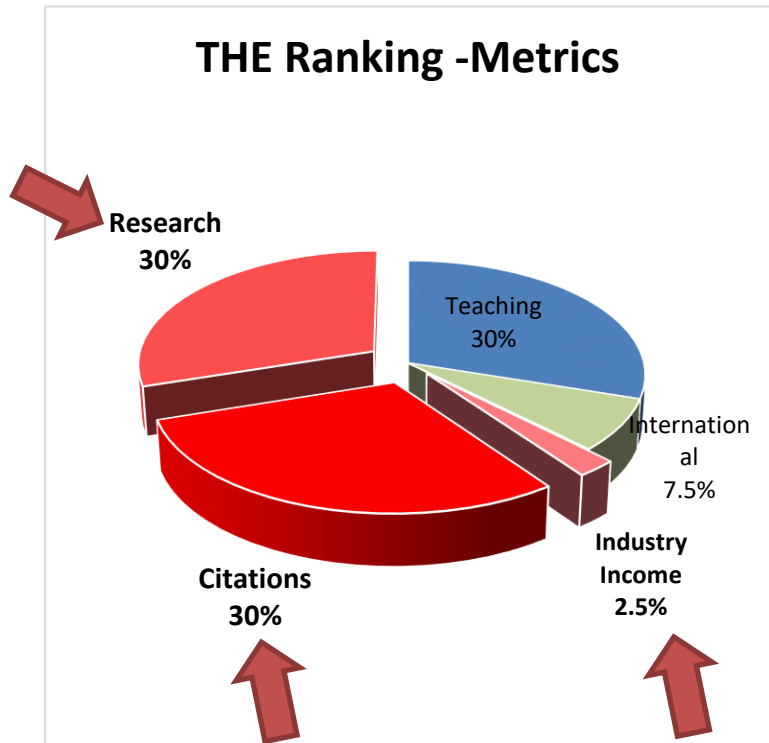
InCites™

- **Incites** based on *Web of Science (WOS)* – similar to *Scopus* but more scientific and uses a different database of journals. *Web of Science* encompasses over 50,000 scholarly books, 12,000 journals and 160,000 conference proceedings

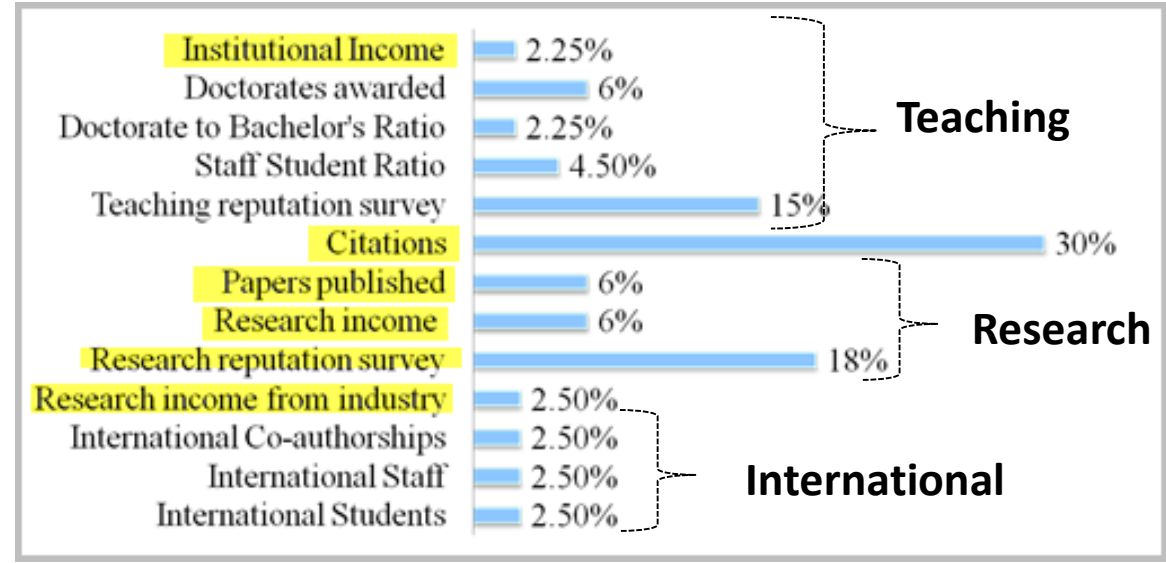
- **Altmetrics**: measure of online engagement and impact/reach of a paper/person. non-traditional metrics proposed as an alternative to more traditional citation impact metrics - Based off a very broad group of metrics (eg. Viewed, Discussed, Saved, Cited, Recommended) capturing alternative measures of impact a paper or work can have. Altmetric tracks a range of sources to capture and collate this activity.



The Really Big Picture: University Rankings Metrics Importance of Research - THE



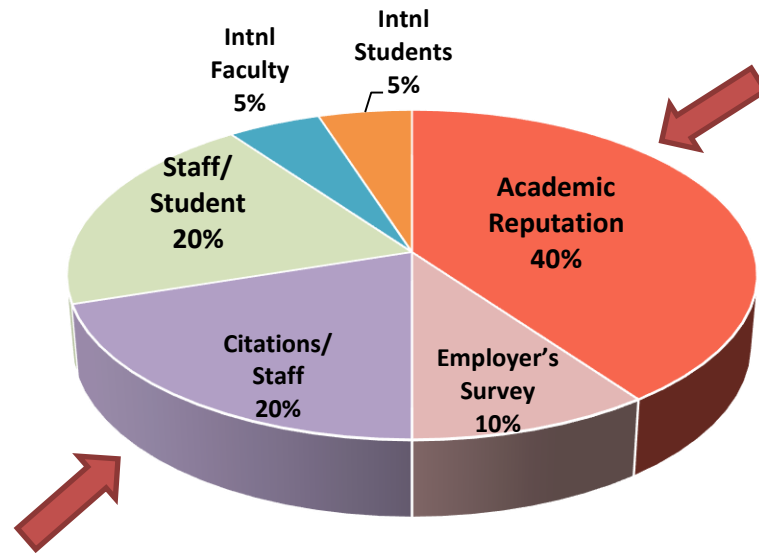
Research related metrics account for 64.75%



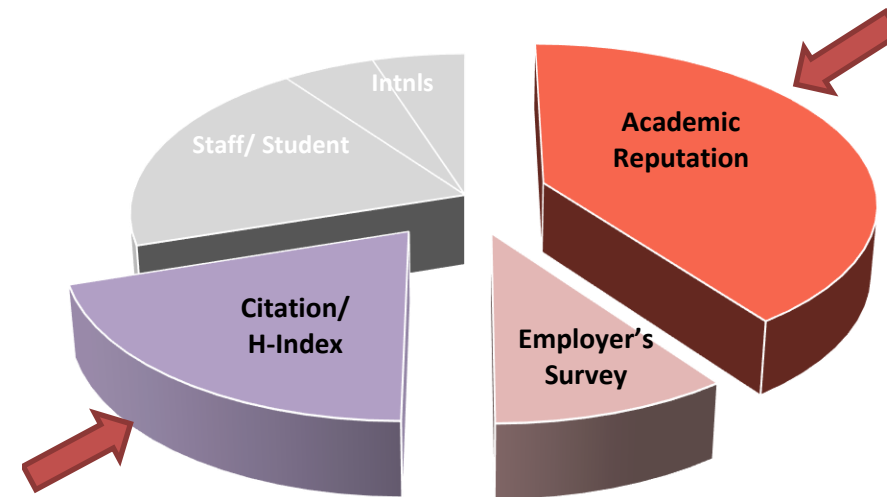
The Really Big Picture: University Rankings Metrics

Importance of Research - QS

QS University Ranking Metrics



QS Subject Ranking Metrics



- Based on Journals ASJC Code not the Academic
- Takes both survey results from previous year; 2012-2016 for 2017 Ranking results
- Citation per paper and H-Index from Scopus from 2011-2015
- Metric weighting depends on Subject

• **ROUTINES FOR SUCCESS**

- **Before Submitting**
- **Preparing Your Research**
- **Announcing Your Research**
- **Monitor and Measure**

ROUTINES FOR SUCCESS: BEFORE SUBMITTING

- Creating and managing your digital identity
 - ORCID ID: <https://orcid.org/signin>
- Where to submit?
 - Consider:
 - Journal Rankings (CiteScore, SJR SNIP), Open Access, Funding, Embargos
 - About Open Access:
 - Which Repository?
 - What to upload: Data, Software, Graphics and Photos, Presentation Materials

ROUTINES FOR SUCCESS: PREPARING YOUR RESEARCH

- Keywords in Title, Captions, Abstracts
- Why? 54% of views to your work originate in search engines, 26% from indexes like SCOPUS
- The TITLE is vital!
 - 2-3 keywords used at start of title
 - Test variance in Google and subject index
 - No acronyms
 - Under 15 words: Google truncates titles to 55-60 characters
 - Not only keywords but format

ROUTINES FOR SUCCESS: ANNOUNCING YOUR RESEARCH

- Social Media
- Blogs
- ListServes
- Academic Networks: ResearchGate, Mendeley etc
- Conferences and Talks
- YouTube
- The Importance of LINKS:
 - Links to your work on your university Website, your personal website, all social media, blogs, in your EMAIL SIGNATURE
 - Link to Link: Your webpage to your publication. Your publication to your webpage.

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it is open to theoretical, empirical, and policy perspectives and encourages the submission of original research, review articles, case studies and replication studies. SN Business & Economics is

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ROUTINES FOR SUCCESS: MONITOR AND MEASURE

- Academic Indicators: h-index and citation counts
- Social Indicators: Views, Downloads, Mentions

ROUTINES FOR SUCCESS: LAST THOUGHTS

- **These are ROUTINES, not chores**
- **Ultimately, YOU are responsible for your success.**
- **You've worked unbelievably hard on your research, now show the world!**



Questions?