Quality Review Framework

UCD Research & UCD Library supporting the Quality Review Process
Introduction

The following pages will show some examples of metrics that can be delivered by UCD Library to schools or institutes.

To generate this information we use SciVal, a bibliometrics tool that is based on Scopus data.

Caveats:

- Scopus extracts citation information from articles in about 10,000 journals. But some disciplines are better represented than others, e.g. about 80% of all publications in Chemistry are covered, but less than 40% of Social Science publications.
- Scopus includes peer-reviewed journal articles, review articles, letters to the editor, corrections and some books, book chapters, proceedings papers.
- Coverage of books and book chapters is currently improving, but not comprehensive.
Scopus / SciVal Coverage

**Note:**
SciVal data are based on data in Scopus:
- 21,000 peer-reviewed journals
- 520 book series
- 90,000 books (10,000 added each year)
- Publications from 83,000 conferences
- 27 million patents

Though Scopus coverage goes back to 1996 (with earlier years being added), metrics generated in SciVal cover the period 2010-current.
Publication impact for a specific subject category

**Note:**
Scopus/SciVal do not provide metrics at School/Institute level. To generate School/Institute data we use names of researchers in a specific School/Institute. However, for benchmarking purposes we need to use the subject category assigned to the journal in which the article is published. Publication or citation counts for a specific subject category do not reflect the complete publication output of an individual School/Institute.

Example:
A) A researcher in *School of Psychology* publishes an article in a journal with the Scopus subject category *Nursing*. This article and subsequent citations are counted for the subject *Nursing* (not to be confused with *School of Nursing*)
B) A researcher in *School of Nursing*, however, may publish an article in a journal with the Scopus subject category *Psychology*. This article and subsequent citations are counted for the subject *Psychology* (not to be confused with *School of Psychology*)
Overall research performance

This page provides an overview for publications and received citations by research staff in a school/institute for a given time period. Metrics include only publications covered by Scopus/SciVal.
This page shows the number of publications and received citations by research staff in a school/institute for a given time period.

It also shows the percentage of school/institute publications that are among the 10% most cited worldwide and in the top 10% journals.

Metrics include only publications covered by Scopus/SciVal.
This page shows the number of citations by research staff in a school/institute for a given time period. The average number of citations per publication is calculated as well as the Field-Weighted Citation Impact.

The Field-Weighted Citation Impact is the actual citation count relative to the expected world count (world count is set to 1). It takes into account subject, publication year and publication format.

Metrics includes only publications covered by Scopus/SciVal.
Collaborations

This page shows the collaboration in papers by research staff in a school/institute for a given time period. It also shows also the academic-corporate collaboration in a school/institute’s publications.

Metrics include only publications covered by Scopus/SciVal.
A collaboration map can be created for a specific subject category. It can also be generated as a world map or for a specific country. Based on publications covered by Scopus/SciVal.
This page shows the Field-Weighted Citation Impact for UCD, TCD and Ireland as a whole. Benchmarking can also be created for individual schools, institutes or research groups. National or international peer institutions can be added.

Other metrics such as citation counts, papers in top 10% journals etc. can also be used for benchmarking.

Metrics include only publications covered by Scopus/SciVal.

**Chart Legend**
- Ireland [Country]
- Trinity College Dublin [Institution]
- University College Dublin [Institution]

**Metric Details**

*Y-axis: Field-Weighted Citation Impact*
Types of publications included: all.

*X-axis: Publication Year*
Download and view statistics for items uploaded to the Research Repository UCD (http://researchrepository.ucd.ie/) can be provided. These statistics refer to “collections”, i.e. publications by staff in a school/institute.

In addition, a list of the top 20 publications (by downloads) in a collection can be collated.
For further information visit our web pages:

http://libguides.ucd.ie/schoolimpact
https://intranet.ucd.ie/research/quality/

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