ID/OA Mandate
Harvard Mandate
NIH Mandate
Metrics
EurOpenScholar
Open Access increases citations

Range = 36%-200%
(Data: Brody & Harnad 2004; Hajjem et al. 2005)
Across all countries and disciplines, 95% of researchers report that they would comply with a self-archiving mandate from their funders and/or employers, and over 80% report that they would do so willingly. -- But only 15% self-archive spontaneously, if it not mandated.
University of Tasmania

+Repository -Incentive -Mandate

Green line: total annual output
Red line: proportion self-archived

Data courtesy of Arthur Sale
University of Queensland
+Repository +Incentive -Mandate

Green line: total annual output

Red line: proportion self-archived

Documents

Total documents
DEST documents

Data courtesy of Arthur Sale
Queensland University of Technology
+Repository +Incentive +Mandate

Green line: total annual output
Red line: proportion self-archived

Data courtesy of Arthur Sale
## RAE 2001 Rankings for Psychology

<table>
<thead>
<tr>
<th>University Name</th>
<th>2001 Rating</th>
<th>Proportion of Staff Selected</th>
<th>Category A and A* Research Active Staff (FTE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berkbeck College</td>
<td>5</td>
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<tr>
<td>University of Birmingham</td>
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<td>27.5</td>
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<td>A</td>
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<td>University of East London</td>
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<td>C</td>
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<td>B</td>
<td>15.0</td>
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<tr>
<td>University of Kent at Canterbury</td>
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<td>King Alfred’s College, Winchester</td>
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<td>D</td>
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</tr>
<tr>
<td>University of York</td>
<td>5*</td>
<td>A</td>
<td>21.0</td>
</tr>
</tbody>
</table>
Research Assessment, Research Funding, and Citation Impact

“Correlation between RAE ratings and mean departmental citations +0.91 (1996) +0.86 (2001) (Psychology)”

“RAE and citation counting measure broadly the same thing”

“Citation counting is both more cost-effective and more transparent”

(Eysenck & Smith 2002)
http://psyserver.pc.rhbnc.ac.uk/citations.pdf
COMPETITIVE ADVANTAGE: The earlier you mandate Green OA, the sooner (and bigger) your university's competitive advantage: U. Southampton School of Electronics and Computer Science was the first in the world to adopt an OA self-archiving mandate.
Journal Policies - Summary Statistics So Far

Current Journal Tally: **91% Green!**

FULL-GREEN = Postprint, PALE-GREEN = Preprint, GRAY = neither yet

Total number of publishers registered at ROMEO to date: 307

Journal Policy Chart

- 62.56% 6381 GREEN journals
- 28.52% 2909 PALE-GREEN journals
- 8.91% 909 GRAY journals
Open Access: How?

Universities adopt the ID/OA mandate:

Immediate Deposit
+
Optional Access
+
Open Access Mandates and Metrics


Plain Text (embargoed article) - Repository staff only until 27 July 2008
40Kb

Official URL: http://www.councilscienceeditors.org/publications/cbeviews.cfm

Abstract

Open Access is optimal and inevitable for research, researchers, their institutions and funders, the vast R&D industry, and the tax-paying public that funds research. OA Scientometrics is now poised to usher in the OA era at long last.

Item Type: | Article
Uncontrolled Keywords: | open access, research impact, research assessment, scientometrics, self-archiving
Subjects: | A General Works > AZ History of Scholarship The Humanities
ID Code: | 849
Deposited By: | user with email user@ecs.soton.ac.uk
Deposited On: | 28 Jul 2007 05:28
Last Modified: | 28 Jul 2007 05:28
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Reason
You may enter a rationale for requesting this document.
Please send me a copy for research purposes

Request a copy
From: DemoPrints XXX@ecs.soton.ac.uk
Date: July 28, 2007 12:51:43 AM EDT (CA)
To: XXX@ecs.soton.ac.uk
Subject: Request for "Open Access Mandates and Metrics"

The following item: Harnad, S (2007) *Open Access Mandates and Metrics*. *Science Editor* 5 (2): 500-510. has been requested from DemoPrints by: inewton@cambridge.ac.uk

The following reason was given: "Please send me a copy for research purposes. -- I. Newton (Cambridge U)"

Please respond by clicking one of the following:

Accept the request (click here to email eprint automatically)

Reject the request (click here to decline request)
This page allows you to generate graphs and tables of data summarising the usage data for eprints in the repository. Select the data you want to graph in 'Set of Eprints', choose the date range to process in 'Date Range', select the type of analysis to make in 'Choice of View' and then click 'Generate'.

---

**Set of Eprints**

You can choose to only include data for particular sets (e.g. eprints deposited by a named author) or show data for only a single eprint.

- **All**
- **Research Group** [Choose a Research Group]
- **Creators Name**
  - Berners-Lee, T. (7113)
- **Eprint ID**

---

**Date Range**

Change the period of access log data included based on when the request was made. Warning! The more data you include the longer it will take to generate the results.

- **Period**: [Last Quarter]
- **From date**: 1 January 2005
- **Until date**: 31 January 2005
The view determines how data is rendered and may provide additional data refinements (for example showing a summary for authors).

### Summary Data
- MonthlyDownloadsGraph
- DailyDownloadsGraph
- MonthlyUniqueVisitorsGraph
- AllMonthlyDownloadsGraph
- DownloadCountHTML

### Simple Analyses
- TopTenTable
- SearchEngineGraph
- TopCountriesTable
- TopTenAcademies

### Complex Analyses
- TopTenMonthlyDownloadsGraph
- TopTenAuthorsTable
- TopTenTableDashLinked
- HighestClimbersTable
- MonthlyDownloadsByGroupGraph
- TopTenNonSearchReferrers
- RandomFromTopTenHTML
Some EPrints download metrics for top deposits by Southampton author Tim Berners-Lee.
Citebase is currently only an experimental demonstration. Users are cautioned not to use it for academic evaluation yet. Citation coverage and analysis is *incomplete* and hit coverage and analysis is both *incomplete* and *noisy*.

<table>
<thead>
<tr>
<th>Metadata</th>
<th>Citation</th>
<th>Identifier</th>
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</thead>
<tbody>
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<td>Descending [ ]</td>
<td>Citations (Paper) [ ]</td>
</tr>
</tbody>
</table>

Citebase Search is Copyright 2005-2007 Tim Brody <tdb01r@ecs.soton.ac.uk>, University of Southampton. Got a comment/question? Contact the Citebase contact.
# Search Result Rank-Ordering

The ranking controls the order in which results are shown.

## Search Score
For author and keyword queries this is the relevance score returned by Xapian (the text-search tool).

## Creation Date
The date the record first appeared. Based on the source archive's policy (archive dependent, can be a date given by the author or the date the record was added to the archive).

## Last Update
The last time a change was made to the record (not necessarily the actual paper). Based on the source archive's policy.

## Paper Citations - Caution
The total number of citations identified by Citebase to a paper.

## Author Citations - Caution
The author impact of a paper is the mean author impact of that paper's named authors. Author impact is the total number of citations identified by Citebase to papers that the author is named on, divided by the number of papers that same author is named on.

## Paper Hits - Caution
The total number of web requests made for this paper. Web log usage data ("hits") (1) currently cover only from August 1999 to the present and (2) are based only on the UK arXiv.org mirror-site usage (the other 17 international mirror-sites, including the main one in the US are not currently covered).

## Author Hits - Caution
The author hits of a paper is the mean author hits of that paper's named authors. Author hits is calculated as the total number of hits to papers that the author is named on, divided by the number of papers that same author is named on.

## Hub/Authority Scores
These are experimental metrics.

## Co-citedness
The degree to which two articles are related according to the co-occurrence of citations.
The Symbol Grounding Problem [Abstract, 69 Cites, ]

69 Harnad, Stevan (1999-06-01) in PHYSICA D 42 335 (1999)
How can the semantic interpretation of a formal symbol system be made intrinsic to the system, rather than just parasitic on the meanings in our heads? How can the meanings of the meaningless symbol tokens, manipulated solely on the basis of their (arbitrary) shapes, be grounded in anything but other ...

Minds, Machines and Searle [Abstract, 28 Cites, ]

Searle's celebrated Chinese Room Argument has shaken the foundations of Artificial Intelligence. Many refutations have been attempted, but none seem convincing. This paper is an attempt to sort out explicitly the assumptions and the logical, methodological and empirical points of disagreement. Searle is ...

Other bodies, Other minds: A machine incarnation of an old philosophical problem [Abstract, 27 Cites, ]

Explaining the mind by building machines with minds runs into the other-minds problem: How can we tell whether any body other than our own has a mind when the only way to know is by being the other body? In practice we all use some form of Turing Test: If it can do everything a body with a mind can do ...

Consciousness: An afterthought [Abstract, 26 Cites, ]

26 Harnad, Stevan (1982-01-01) in AN AFTERTHOUGHT.COGNITION AND BRAIN THEORY 5 29 (1982)
Our sense that we do something deliberately may be an afterthought that arises after our brains have already triggered our action unconsciously. Consciousness itself may be a similar illusory afterthought, with ...
Free at Last: The Future of Peer-Reviewed Journals [Abstract, 14 Cites]
3966 Harnad, Stevan (1999-01-01) In JOURNALS.D-LIB MAGAZINE 5 12 (1999)
I don't think there is any doubt in anyone's mind as to what the optimal and inevitable outcome of all this will be: The Give-Away literature will be free at last online, in one global, interlinked virtual library (see <http://www.cogsci.soton.ac.uk/~harnad/citation.html>), and its QC/C ...

Behavioral and Brain Sciences [Abstract]
3319 Harnad, Stevan oai:eprints.ecs.soton.ac.uk:2625

2685 Harnad, Stevan (1996-01-01) oai:coprints.soton.ac.uk:1692
Electronic networks have made it possible for scholarly periodical publishing to shift from a trade model, in which the author sells his words through the mediation of the expensive and inefficient technology of paper, to a collaborative model, in which the much lower real costs and much broader reach of ...

Artificial Life: Synthetic Versus Virtual [Abstract]
2419 Harnad, Stevan (1993-01-01) In SYNTHETIC VERSUS VIRTUAL.SANTA FE INSTITUTE STUDIES IN THE SCIEN 16 593 (1993)
Artificial life can take two forms: synthetic and virtual. In principle, the materials and properties of synthetic living systems could differ radically from those of natural living systems yet still resemble them enough to be really alive if they are grounded in the relevant causal interactions with the ...

Searle's Chinese Room Argument [Abstract]
1988 Harnad, Stevan (2003-01-01) oai:coprints.soton.ac.uk:4075
Summary of Searle's "Chinese Room Argument" showing that cognition cannot be just computation. Searle implements a computer programme that can pass the Turing Test in Chinese. Searle does not understand Chinese in doing so, hence neither does the computer.
Sample citation and download growth with time. (Downloads only start in 2005 because that is when this paper was deposited.) Early growth rate and late decay metrics for downloads and citations can also be derived.
SUMMARY:

**OA: How?** Universities and funders mandate Green OA self-archiving

**Deposit Where?** In universities' own Institutional Repositories (IRs)

**Deposit How?** A few minutes of keystrokes per paper is all that stands between the world research community and 100% OA

**Deposit What?** Author's final, revised, peer-reviewed draft ("postprint")

**Deposit When?** Immediately upon acceptance for publication

Open Access: Why?

1. To **maximise** the uptake, usage, applications and impact of the research output of each university’s research output

2. To **measure and reward** the uptake, usage, applications and impact of the research output of each university (research metrics)

3. To **collect, manage and showcase** a permanent record of the research output and impact of each university
Sample of candidate OA-era metrics:

- Citations (C)
- CiteRank
- Co-citations
- Downloads (D)
- C/D Correlations
- Hub/Authority index
- Chronometrics:
  - Latency/Longevity
- Endogamy/Exogamy
- Book citation index

- Research funding
- Students
- Prizes
- h-index
- Co-authorships
- Number of articles
- Number of publishing years
- Semiometrics (latent semantic indexing, text overlap, etc.)
Author’s URLs (UQAM & Southampton):
http://www.crsc.uqam.ca/
http://users.ecs.soton.ac.uk/harnad/

BIBLIOGRAPHY ON OA IMPACT ADVANTAGE:
http://opcit.eprints.org/oacitation-biblio.html

BOAI Self-Archiving FAQ: http://www.eprints.org/self-faq/

CITEBASE (scientometric engine): http://citebase.eprints.org/

EPRINTS: http://www.eprints.org/

OA ARCHIVANGELISM: http://openaccess.eprints.org/

ROAR (Registry of OA Repositories): http://roar.eprints.org/

ROARMAP (Registry of OA Repository Mandates):
http://www.eprints.org/openaccess/policiesignup/

AUSTRALIA: IIIIIF
AUSTRIA: I
BELGIUM: IF
BRAZIL: (p)
CANADA: F
EUROPE: F (ppp)
FRANCE: I (p)
INDIA: II (p)
IRELAND: (p)
ITALY: F
PORTUGAL: I
RUSSIA: I
SWITZERLAND: IIF
TURKEY: I
UK: IIIIIIIIIIIIIIIIIIIIIIIIIF
US IFF (p)

Total 40 (+ 8 prop)
INST: 18 (+ 3 inst)
FUND: 22 (+ 5 prop)
EUROPE [(EUA) 791 universities, 46 countries]

UK (3) Brunel ISCM, Southampton ECS, Southampton?

BELGIUM (1) Liege

FRANCE (1) CNRS Lab PNC [INSERM]

PORTUGAL (1) Minho

SWITZERLAND (2) Cern Zurich

RUSSIA (1) CEM Inst Russian Academy of Sciences

TURKEY (1) MET University

INDIA (2) Bharathidasan NIT Rourkela

US (1) Harvard FAS

AUSTRALIA (3) Charles Sturt QUT Tasmania