SHARED SERVICES: SAVING TIME AND MONEY THROUGH COLLABORATION

(JISC COLLECTIONS IN THE UK)

Hazel Woodward
Director of Libraries, Cranfield University
&
Chair of the JISC Collections Electronic Information Resources Working Group

Greek Academic Libraries Conference, Thessaloniki,
14th & 15th November, 2011
OUTLINE

1. Journal Usage Statistics Portal (JUSP)
2. KB+ Towards a Shared Knowledge Base for UK Academic Institutions
3. The Keepers Registry
4. UK Research Reserve
JOURNAL USAGE STATISTICS PORTAL (JUSP): AIMS

- Supports UK academic libraries by providing a single point of access to e-journal usage data
- Assists management of e-journals collections, evaluation and decision-making
- Provides statistics to ensure the best deals for the academic community
Libraries in JUSP

- More than 100 libraries
- All UK higher education institutions are welcome to participate (160+)
- 10-15 new libraries per month in 2011
**Publishers in JUSP**

- **13 publishers**
  - American Association for the Advancement of Science (AAAS)
  - American Institute of Physics (AIP)
  - Annual Reviews
  - Edinburgh University Press (EUP)
  - Elsevier
  - Emerald
  - Institute of Physics (IOP)
  - Nature Publishing Group
  - Oxford University Press
  - Project MUSE
  - Royal Society of Chemistry
  - SAGE
  - Springer

- **3 intermediaries**
  - Ebsco EJS
  - Publishing Technology (ingentaconnect)
  - Swets
How do we collect data?

- Standardized Usage Statistics Harvesting Initiative (SUSHI)
- Replaces the user-mediated collection of usage reports
- 12 JUSP SUSHI clients available
- SUSHI server to gather data from JUSP
<table>
<thead>
<tr>
<th>JUSP report type</th>
<th>JUSP report title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journal level reports</td>
<td>• JR1 and JR1A reports</td>
</tr>
<tr>
<td></td>
<td>• JR1 reports inc gateways and intermediaries</td>
</tr>
<tr>
<td></td>
<td>• JR1 reports excluding backfile usage</td>
</tr>
<tr>
<td>Summary reports</td>
<td>• SCONUL return</td>
</tr>
<tr>
<td></td>
<td>• Summary of publisher usage</td>
</tr>
<tr>
<td></td>
<td>• Summary use of gateway and host intermediaries</td>
</tr>
<tr>
<td></td>
<td>• Summary use of backfiles</td>
</tr>
<tr>
<td></td>
<td>• Tables and graphs</td>
</tr>
<tr>
<td></td>
<td>• Which titles have highest use</td>
</tr>
<tr>
<td></td>
<td>• Number of titles and requests in usage ranges</td>
</tr>
<tr>
<td>Experimental reports</td>
<td>• NESLi2 deals</td>
</tr>
<tr>
<td></td>
<td>• Titles vs NESLi2 deals</td>
</tr>
<tr>
<td></td>
<td>• Individual journal search and usage</td>
</tr>
<tr>
<td></td>
<td>• Breakdown of publisher usage (title and year)</td>
</tr>
<tr>
<td>Benchmarking</td>
<td>• Calendar and academic year (available to JISC)</td>
</tr>
</tbody>
</table>
A Dummy Institution Publisher: Oxford University Press Start: Jan 2009 End: Dec 2009

Chart - overall usage of top 5 v average

Top 5 titles Downloads
Nucleic Acids Research 359
Bioinformatics 270
Toxicological Sciences 210
Rheumatology 194
American Journal of Epidemiology 189
Average for 260 titles 16

Download this report as CSV file [new window]

JR1 report for A Dummy Institution (Publisher: Oxford University Press) [★ core title] [★ Cellpress title]

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Totals</td>
<td></td>
<td></td>
<td></td>
<td>292</td>
<td>286</td>
<td>269</td>
<td>349</td>
<td>566</td>
<td>349</td>
<td>438</td>
<td>355</td>
<td>225</td>
<td>329</td>
<td>332</td>
<td>316</td>
</tr>
<tr>
<td>Acta Biochimica et Biophysica Sinica</td>
<td>HighWire</td>
<td>1672-9145</td>
<td>1745-7270</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Adaptation</td>
<td>HighWire</td>
<td>1755-0637</td>
<td>1755-0645</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>African Affairs</td>
<td>HighWire</td>
<td>0001-9909</td>
<td>1468-2621</td>
<td>1</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>8</td>
<td>0</td>
<td>9</td>
<td>3</td>
<td>5</td>
<td>0</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>Age and Ageing</td>
<td>HighWire</td>
<td>0002-0729</td>
<td>1468-2834</td>
<td>0</td>
<td>7</td>
<td>0</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Alcohol and Alcoholism</td>
<td>HighWire</td>
<td>0735-0414</td>
<td>1464-3502</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>79</td>
<td>16</td>
<td>18</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>American Journal of Agricultural Economics</td>
<td>HighWire</td>
<td>0002-9092</td>
<td>1467-8276</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>American Journal of</td>
<td>HighWire</td>
<td>0002-</td>
<td>1476-</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
The monthly usage of Elsevier journals at A Dummy Institution for All years

<table>
<thead>
<tr>
<th>Year</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>56271</td>
<td>47515</td>
<td>52084</td>
<td>41971</td>
<td>47762</td>
<td>34649</td>
<td>34452</td>
<td>35702</td>
<td>33597</td>
<td>54126</td>
<td>69805</td>
<td>45131</td>
<td>553065</td>
</tr>
<tr>
<td>2008</td>
<td>67304</td>
<td>68908</td>
<td>68431</td>
<td>67145</td>
<td>60785</td>
<td>42487</td>
<td>44883</td>
<td>34255</td>
<td>39764</td>
<td>63488</td>
<td>72491</td>
<td>50916</td>
<td>680857</td>
</tr>
<tr>
<td>2009</td>
<td>75800</td>
<td>74655</td>
<td>79735</td>
<td>66876</td>
<td>68099</td>
<td>49689</td>
<td>53060</td>
<td>45006</td>
<td>43416</td>
<td>76597</td>
<td>96007</td>
<td>58661</td>
<td>787631</td>
</tr>
<tr>
<td>2010</td>
<td>80647</td>
<td>84028</td>
<td>94024</td>
<td>73306</td>
<td>68491</td>
<td>45219</td>
<td>47935</td>
<td>41279</td>
<td>43182</td>
<td>61456</td>
<td>80067</td>
<td>54522</td>
<td>774156</td>
</tr>
</tbody>
</table>
IMPACT ON LIBRARIES

- Single point of access to data
- Automation provided by SUSHI offers time saving benefits
- COUNTER compliant usage data available for aggregated returns
- Report comparisons across publishers, years and platforms
- Flexible methods of viewing data through tables, charts or graphs
- Inclusion of intermediary stats
- Data checked and quality assured
KB+ (Steps Towards a Shared Knowledge Base)

- Issues with individual library ERM systems
  - Data – accuracy & availability
  - Interoperability – data silos & flows
  - Implementation of standards
  - Duplication of effort
  - Population of knowledge bases
  - Maintenance of link resolvers
The role of JISC Collections

- Appointed by UK Funding Councils as managing agent for this shared services project
- Investigate and implement sustainability plan
- BUT....
  - Very tight budget
  - Very tight timetable
  - Very high community expectations
Leverage investment

- Improve quality of data for all

Openness

- Technology
- Data
- Relationships – UK, international, Suppliers

Prioritise existing issues

- Save time and money from the outset

Cohesive activity, tools and services

- JISC services
- Commercial and non-commercial suppliers
- Academic institutions
Standards

Usage

Publication Information

Licence Management

Identifiers

SUSHI

COUNTER

ONIX for Serials

KBART

ONIX-PL

Authority files
Investing in the enhancement and improvement of existing services whilst supporting the needs and viability of local systems and new services
KB+ DELIVERABLES

- Accurate publication information
  - NESLi2 A-Z title lists
  - Core databases
- Holdings & entitlements
  - Entitlement registry
- Subscription data and management
- Organisation identifiers
- Licensing management & information
  - JISC Collections licence comparison tool
  - ONIX-PL licences
- Usage data and analysis
  - JUSP
**KB+ BENEFITS**

- Access to accurate data for UK and overseas
- Ability to integrate with added-value tools and services
- Improved value for money for institutional customers
- Reduced costs of data creation, management and exchange
- Partnership with academic institutions in the UK and overseas
3
Aim 1: to allow discovery of who is looking after what digital journal content
Aim 2: to be a showcase for the organisations that have stepped forward to exercise archival intent
Launched as Beta in October 2011
http://thekeepers.org
AN INTERNATIONAL SERVICE

- Although initially funded by JISC, the service is intending to become an international resource
- Seeking usage, comments & input
- International in terms of governance, adoption and sustainability
- Partnership with the International ISSN Centre
- Approaches to IFLA, LIBER & ARL
PARTICIPATION IN THE KEEPERS REGISTRY

- CLOCKKS
- Portico
- E-Depot National Library, Netherlands
- British Library
- Global LOCKSS Network
- HathiTrust

Six organisations participated in phase 1
Each provided:
- a description of their approach to ingest and digital preservation
- information on access condition to journal content
- metadata (which is then normalised to title level)
What does the registry tell us?

- The registry then produces a record of which journal title each service is preserving, and
- a statement of the extent of the journal content that is held
The scale of the task ahead

- The ISSN network has issued over 80,000 e-ISSNs
- The Keepers Registry reports archival action for almost 18,000 titles (about 13,000 with an e-ISSN)
- 16,130 titles have “preserved” status
- 3,658 are “in progress”
UK RESEARCH RESERVE (UKRR)

- The UKRR is a shared service designed to ensure the completeness of the UKs principle research collection of journals, housed in the British Library Document Supply Centre at Boston Spa.
- In order to safeguard access, two further copies are retained within the UKRR member libraries.
- Each stage of the process is carefully managed to ensure sufficient copies are retained before any disposal takes place.
THE WAY UKRR WORKS

- Member libraries send details of journal titles they wish to dispose of to UKRR
- The British Library is consulted to see if it requires the titles to complete their holdings
- SUNCAT (national union catalogue) is checked to ensure that 2 additional copies are held by other UKRR members
- Items identified as duplicating existing UKRR holdings can be sent for disposal
- UKRR members receive a premium service from the BL – 24 hour e-delivery service for all document requests
FUNDING & SUPPORT

The Higher Education Funding Council for England (HEFCE) provided a £9.8 million grant to UKRR

“HEFCE is delighted to support this groundbreaking initiative, which aims to safeguard the long-term future of print research journals, provide simple and quick access to research materials and make better and more efficient use of space in university libraries. It shows that a creative partnership between the higher education community and the British Library now underpins our national research resources. There are major advantages for universities and colleges to join the UKRR and I urge more to take up this opportunity.”

Sir Alan Langlands, Chief Executive, HEFCE
Thank you