



IRUS-UK

*IRUS-UK: Improving understanding of the value and
impact of institutional repositories*

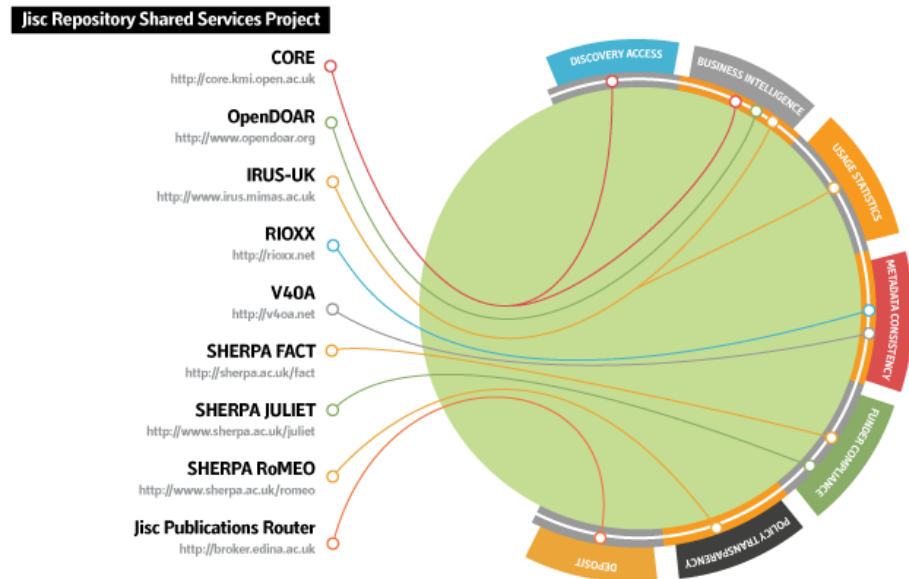
Ross MacIntyre, Head Library Analytics Services, Jisc

NASIG Conference 2015

IRUS-UK

- IRUS-UK: Institutional Repository Usage Statistics – UK
- Project Team Members:
 - Mimas – Project & Service Management & Host
 - Cranfield University - Development
 - Evidence Base, Birmingham City University – User Engagement & Evaluation
- Funded by Jisc

Bringing together key repository services to deliver a connected national infrastructure to support OA



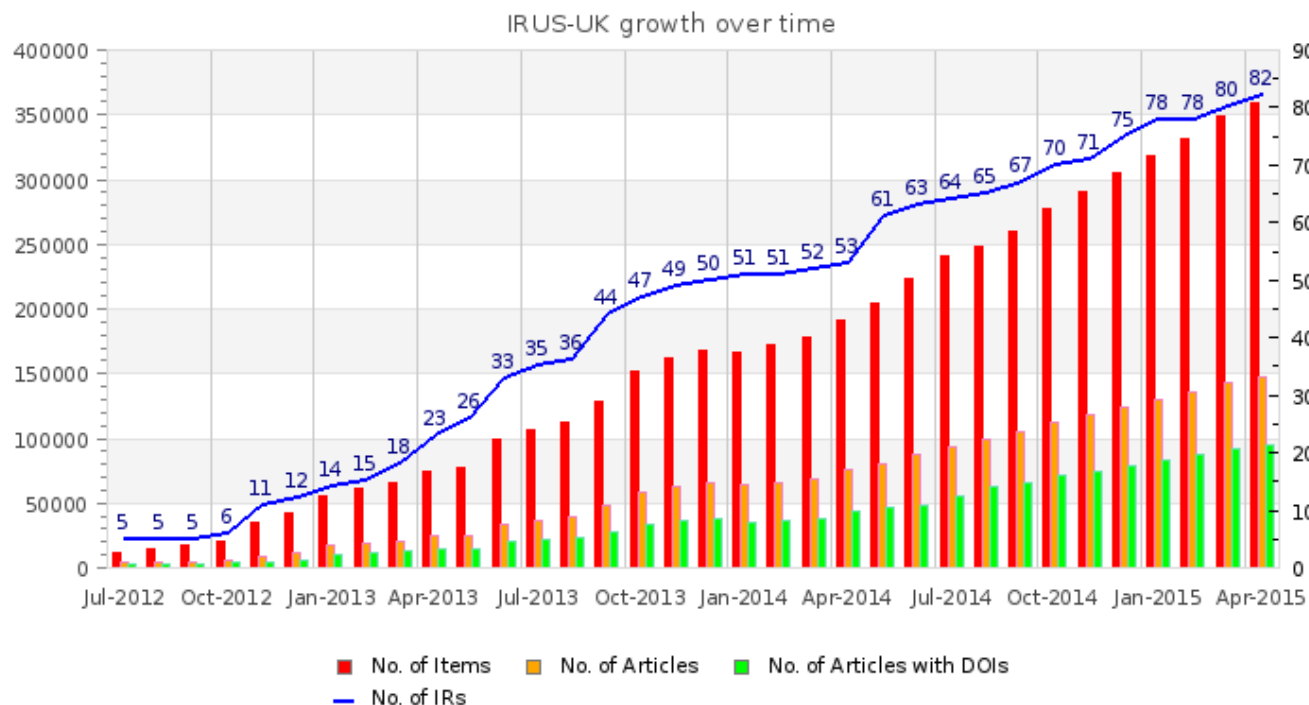
IRUS-UK: background

- PIRUS2 (Publisher and Institutional Repository Usage Statistics)
 - Aim: *“develop a global standard to enable the recording, reporting and consolidation of online usage statistics for individual journal articles hosted by IRs, Publishers and others”*
 - Proved it was *technically feasible*, but (initially) easier without ‘P’
 - <http://www.cranfieldlibrary.cranfield.ac.uk/pirus2/>
- Main outcomes:
 - IRUS-UK
 - <http://www.irus.mimas.ac.uk/>
 - Release 1 of the COUNTER Code of Practice for Articles
 - <http://www.projectcounter.org/counterarticles.html>

IRUS-UK: aims and objectives

- A national aggregation service, enabling UK IRs to share/expose usage statistics at the individual item level, based on a global standard – COUNTER
 - Collect raw download data from UK IRs for *all item types* within repositories
 - Process those raw data into COUNTER-compliant statistics

- Facilitate comparable, standards-based measurements
- Provide an evidence base for repositories to develop policies and initiatives to help support their objectives
- Provide consistent and comprehensive statistics, presenting opportunities for benchmarking at a national level



IRUS-UK: push or pull?

- Considered 2 scenarios for gathering data
 - ‘Tracker’ code
 - a server-side ‘Google Analytics’ for item downloads
 - Pushes metadata to a third-party server as OpenURL Key/Value strings
 - OAI-PMH harvesting
 - Used to by third parties to ‘pull’ metadata from repositories
 - Repurposed to expose usage events as OpenURL Context Objects
- Opted for the Tracker
- <http://www.irus.mimas.ac.uk/help/toolbox/TrackerProtocol-V3-2014-04-22.pdf>

IRUS-UK: gathering data

- Simple method to gather raw download data:
 - On download, message sent to IRUS-UK server with some basic details
- Accomplished by adding a small piece of code to repository software, which employs the 'Tracker Protocol'
 - Pushes minimal raw download metadata to a third-party server as OpenURL
 - Patches for DSpace (1.8.x, 3.x, 4.x) and Plug-ins for Eprints (3.2-3.3.x)
 - Implementation guidelines for Fedora
- Not in IRUS-UK scope, but also successfully deployed by:
 - OAPEN Library - freely accessible academic books, ARNO software
 - CORE - millions of scholarly articles aggregated from many Open Access repositories

IRUS-UK: gathering data

- What does the tracker actually send to IRUS-UK when a download happens?

[http://www.jusp.mimas.ac.uk/counter/?url_ver=Z39.88-2004&url_tim=2012-07-05T22%3A59%3A59Z&req_id=urn%3Aip%3A86.15.47.114&req_dat=Mozilla%2F5.0+\(iPhone%3B+U%3B+CPU+iPhone+OS+5_1_1+like+Mac+OS+X%3B+en-us\)+AppleWebKit%2F534.46.0+\(KHTML%2C+like+Gecko\)+CriOS%2F19.0.1084.60+Mobile%2F9B208+Safari%2F7534.48.3&rft.artnum=oai%3Aeprints.hud.ac.uk%3A8795&svc_format=application%2Fpdf&rfr_id=eprints.hud.ac.uk](http://www.jusp.mimas.ac.uk/counter/?url_ver=Z39.88-2004&url_tim=2012-07-05T22%3A59%3A59Z&req_id=urn%3Aip%3A86.15.47.114&req_dat=Mozilla%2F5.0+(iPhone%3B+U%3B+CPU+iPhone+OS+5_1_1+like+Mac+OS+X%3B+en-us)+AppleWebKit%2F534.46.0+(KHTML%2C+like+Gecko)+CriOS%2F19.0.1084.60+Mobile%2F9B208+Safari%2F7534.48.3&rft.artnum=oai%3Aeprints.hud.ac.uk%3A8795&svc_format=application%2Fpdf&rfr_id=eprints.hud.ac.uk)

IRUS-UK: gathering data

- The OpenURL key/value pairs
 - url_ver = Z39.88-2004
 - url_tim = 2012-07-05T22%3A59%3A59Z
 - req_id = urn%3Aip%3A86.15.47.114
 - req_dat = Mozilla%2F5.0+(iPhone%3B+U%3B+CPU+iPhone+OS+5_1_1+like+Mac+OS+X%3B+en-us)+AppleWebKit%2F534.46.0+(KHTML%2C+like+Gecko)+CriOS%2F19.0.1084.60+Mobile%2F9B208+Safari%2F7534.48.3
 - rft.artnum = oai%3Aeprints.hud.ac.uk%3A8795
 - svc_format = application%2Fpdf
 - rfr_id = eprints.hud.ac.uk

IRUS-UK: processing data

- Logs are processed daily
- Step 1: Perl script parses the logs
 - Processes entries from recognised IRs
 - Sorts and filters entries following COUNTER rules
 - Consolidates daily accesses for each item
 - Outputs to intermediate file
- Step 2: Perl script parses intermediate file
 - Looks up each item in the IRUS DB
 - If item is unknown to the system add item with (most) metadata “unknown”
 - Updates DB with new statistics (for both ‘known’ & ‘known unknowns’)
- Step 3: Obtain “unknown” metadata
 - For the ‘known unknowns’ uses an OAI GetRecord to retrieve
 - Updates the metadata to DB

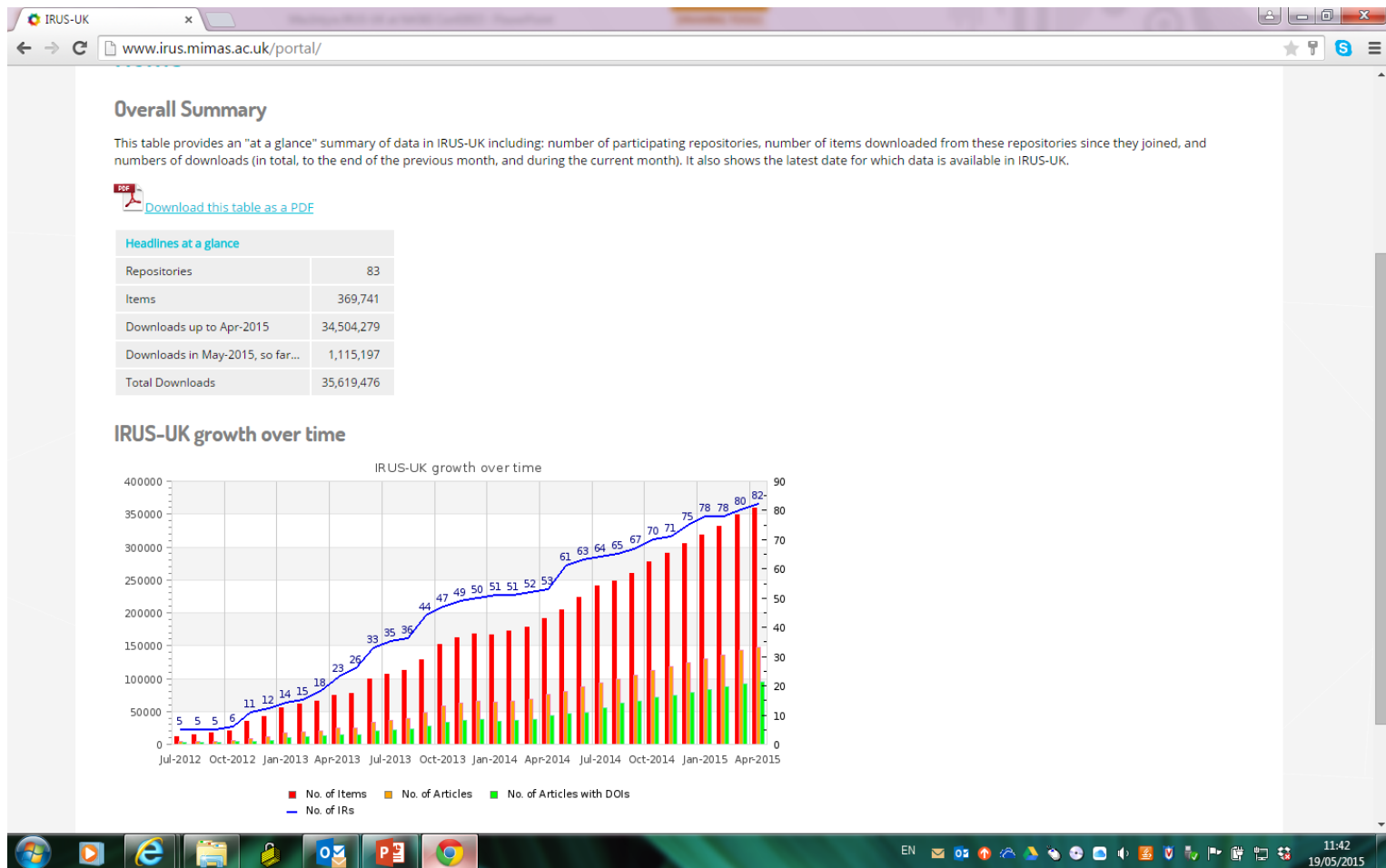
IRUS-UK: processing data

- Adhere to the processing rules specified in:
 - Release 4 of the COUNTER Code of Practice for e-Resources
 - Release 1 of the COUNTER Code of Practice for Articles
 - i.e. we filter out robot accesses and double clicks on the same basis as scholarly publishers
- The COUNTER Robot Exclusion list is specified only as a *minimum requirement*
 - Supplemented COUNTER CoPs, adding filters to
 - Remove more user agents
 - Apply a simple threshold for ‘overactive’ IP addresses
 - COUNTER Working Group on Robots formed
- Commissioned *Information Power* to:
 - Analyse raw data collected BY IRUS-UK
 - Test the feasibility of algorithms to ‘dynamically’ identify and filter out unusual usage/robot activity
 - Report available from <http://www.irus.mimas.ac.uk/news/>

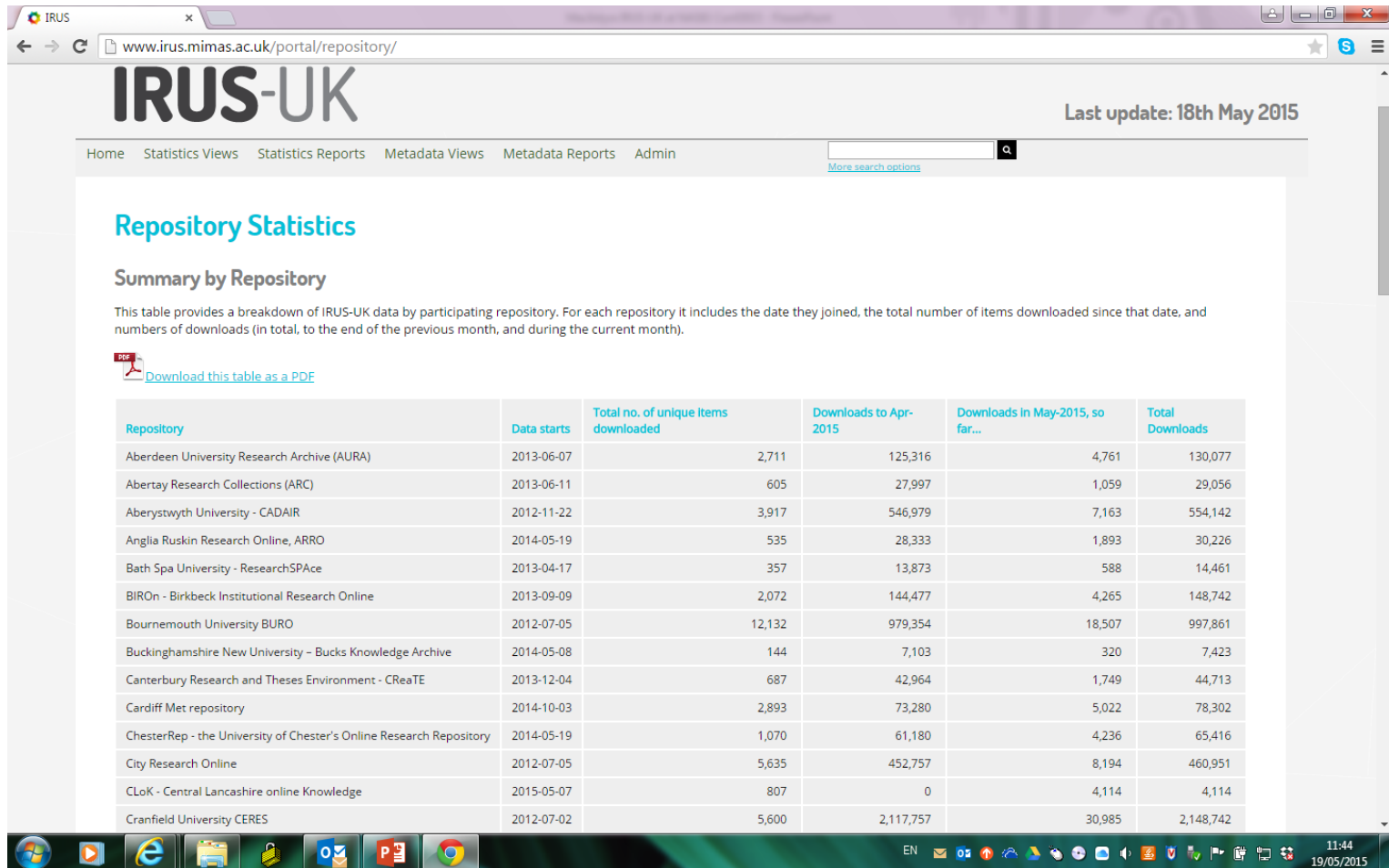
IRUS-UK: Exposing statistics

- Web User Interface - The IRUS-UK Portal
 - Access currently behind Shibboleth authentication/authorisation
 - Wide range of views, – slicing and dicing stats from the IRUS-UK database
 - Reports available for download as CSV/Excel spreadsheet files
 - Altmetric donuts for individual items 😊
- SUSHI service
 - Standard client/server web service, utilizing a SOAP request/response to retrieve the XML version of COUNTER or COUNTER-like reports
- SUSHI Lite API
 - Under development by the NISO SUSHI Lite Technical Report Working Group (http://www.niso.org/workrooms/sushi/sushi_lite/)
 - RESTful: uses standard HTTP GET returning JSON
 - Allows retrieval of stats snippets to be embedded into Repository (and other) web pages

IRUS-UK: Home



IRUS-UK : Repository Stats



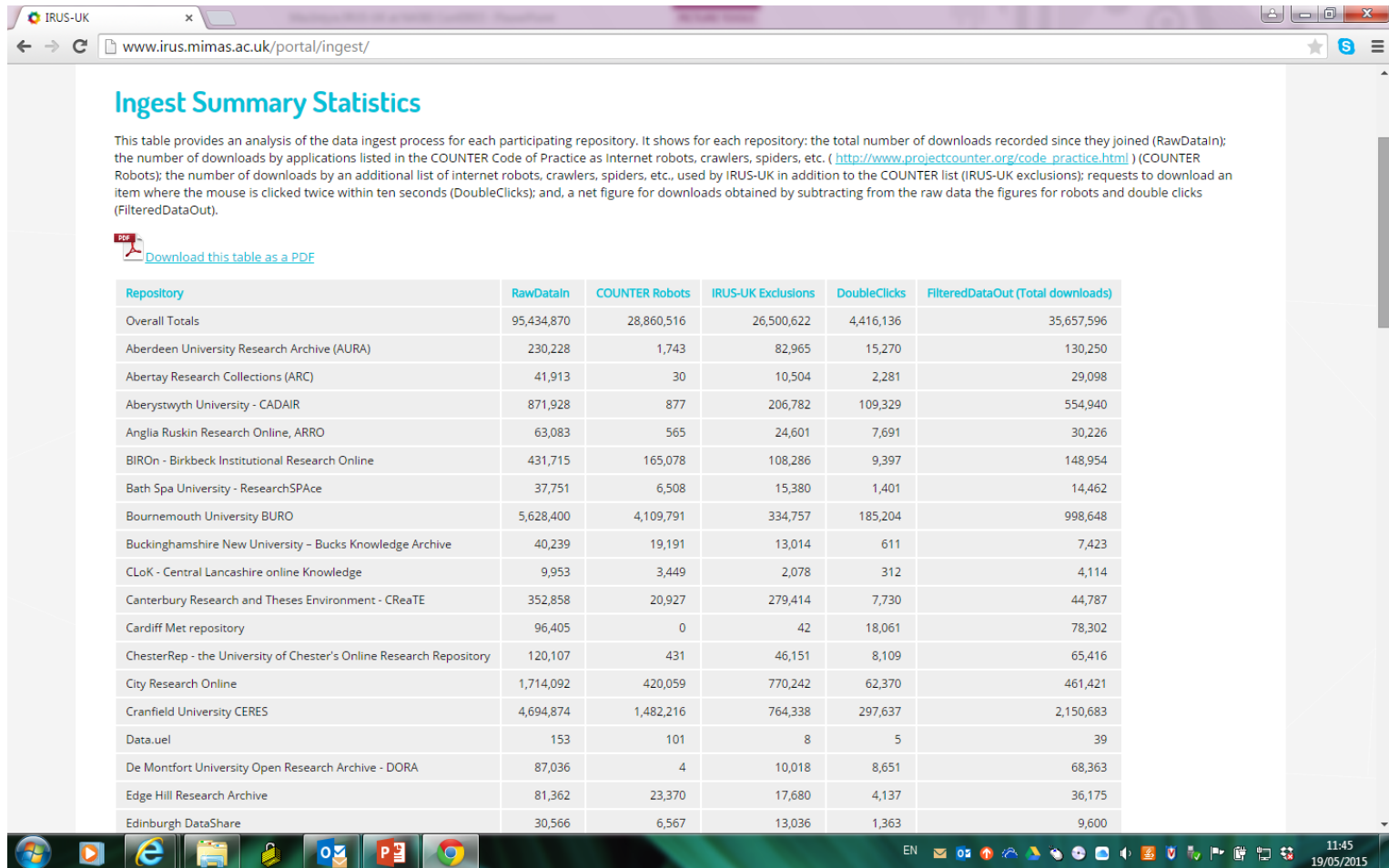
IRUS-UK: Item Types



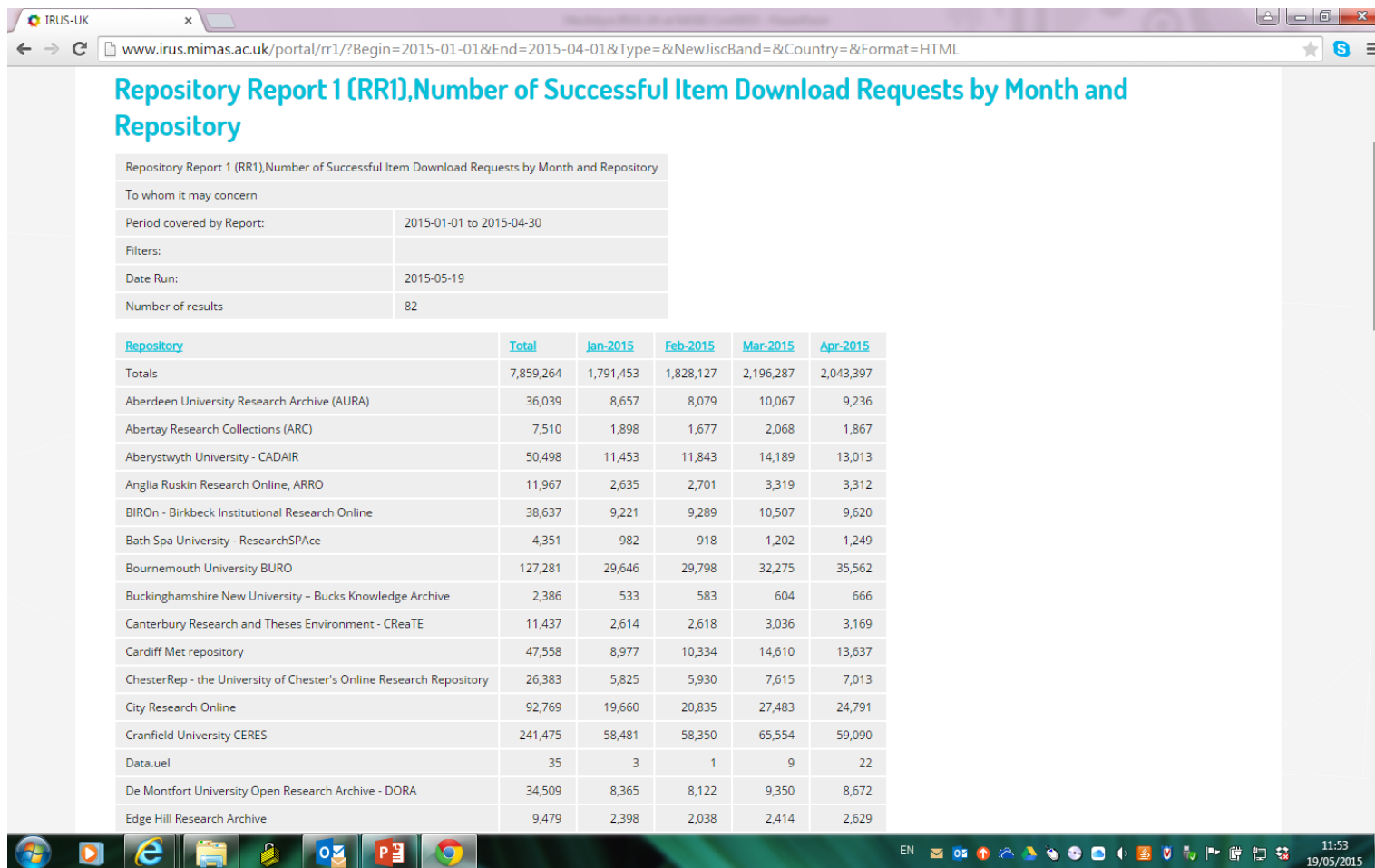
Summary by IRUS-UK Item Type

IRUS-UK Item type	No. of Items	Downloads to Apr-2015	Downloads in May-2015, so far...	Total Downloads
Art/Design Item	198	11,775	541	12,316
Article	150,573	12,631,060	410,633	13,041,693
Audio	223	10,182	178	10,360
Book	19,568	3,112,172	81,816	3,193,988
Book Section	14,993	1,690,439	52,755	1,743,194
Conference or Workshop Item - Other	37,023	2,353,055	66,020	2,419,075
Conference Papers /Posters	5,025	212,757	6,630	219,387
Conference Proceedings	2,062	103,505	4,628	108,133
Dataset	426	26,384	1,709	28,093
Exam Paper	5,913	93,717	10,102	103,819
Image	4,024	995,304	25,167	1,020,471
Learning Object	622	91,644	2,706	94,350
Moving Image	378	19,188	297	19,485
Music/Musical Composition	278	8,273	283	8,556
Other	7,500	458,619	15,213	473,832
Patent	219	4,358	89	4,447
Performance	118	7,757	98	7,855
Preprint	462	21,543	716	22,259
Report	11,096	1,006,218	22,606	1,028,824
Show/Exhibition	1,112	49,014	1,097	50,111
Text	5,594	456,519	16,205	472,724
Thesis or dissertation	79,298	10,431,068	360,453	10,791,521
Unknown	14,869	68,187	12,804	80,991
Website	4,684	200,759	8,279	209,038
Working Paper	3,483	440,782	14,172	454,954

IRUS-UK: Ingest Statistics



IRUS-UK: Repository Report 1



IRUS-UK: eThesis/Diss' Report 1

IRUS-UK

www.irus.mimas.ac.uk/portal/etd1/?sort=Total&order=SORT_DESC&Begin=2015-01-01&End=2015-04-01&Format=HTML&Repository=47|White%20Rose%20Etheses%20Onl

ETD Report 1 (ETD1), Number of Successful Thesis or Dissertation Download Requests by Month and Repository Identifier

ETD Report 1 (ETD1), Number of Successful Thesis or Dissertation Download Requests by Month and Repository Identifier

Period covered by Report:	2015-01-01 to 2015-04-30
Filters	Repository: White Rose Etheses Online;
Date Run	19/05/2015
Number of results	4,999

Previous page 001 002 003 004 005 006 007 008 009 010 ... 100 Next page

ItemURL	ETHOSID	Title	Author	Total	Jan-2015	Feb-2015	Mar-2015	Apr-2015
Totals				288,362	66,900	66,735	78,659	76,068
http://etheses.whiterose.ac.uk/734/	uk.bl.ethos.438318	Speech act theory, discourse structure and indirect speech	Smith, Peter Wilfred Hesling	2,237	476	454	616	691
http://etheses.whiterose.ac.uk/2464/		Emotional indicators in children's human figure drawings : an evaluation of the draw-a-person test.	Catte, Michelle	1,858	436	447	521	454
http://etheses.whiterose.ac.uk/2155/	uk.bl.ethos.543080	The design process in architecture: a pedagogic approach using interactive thinking	Mahmoodi, Amir Saeid	1,796	357	343	524	572
http://etheses.whiterose.ac.uk/1823/		Behaviour of buried pipelines subjected to external loading.	Ng, Paul Chi Fai	1,570	335	348	397	490
http://etheses.whiterose.ac.uk/3516/		Semantic field theory and the teaching of English vocabulary with special reference to Iraqi secondary schools.	Mansouri, Ali Nasser Harb	1,397	284	268	310	535
http://etheses.whiterose.ac.uk/187/	uk.bl.ethos.401886	Vocabulary learning strategies used by AFL (Arabic as a Foreign Language) learners in Saudi Arabia	Al-Shuwairekh, Saleh	1,383	328	347	377	331
http://etheses.whiterose.ac.uk/4168/	uk.bl.ethos.569278	Design and analysis of propeller blade geometry using the PDE method	Dekanski, Christopher Wojciech	1,377	307	304	428	338
http://etheses.whiterose.ac.uk/2094/	uk.bl.ethos.535672	Students' and Mentors' experiences of mentoring and learning in practice during the first year of an accelerated programme leading to nursing registration	Lascelles, Margaret Anne	1,292	273	224	312	483
http://etheses.whiterose.ac.uk/1837/		Materialist-feminist criticism and selected plays of Sarah	Morrissey, Julie	1,197	150	289	651	107

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IRUS-UK: Item Report 1

IRUS-UK

www.irus.mimas.ac.uk/portal/ir1/?sort=Total&order=SORT_DESC&Begin=2015-01-01&End=2015-04-01&Format=HTML&Repository=3|Cranfield%20University%20CERES

Item Report 1 (IR1), Number of Successful Item Download Requests by Month and Repository Identifier

Item Report 1 (IR1), Number of Successful Item Download Requests by Month and Repository Identifier

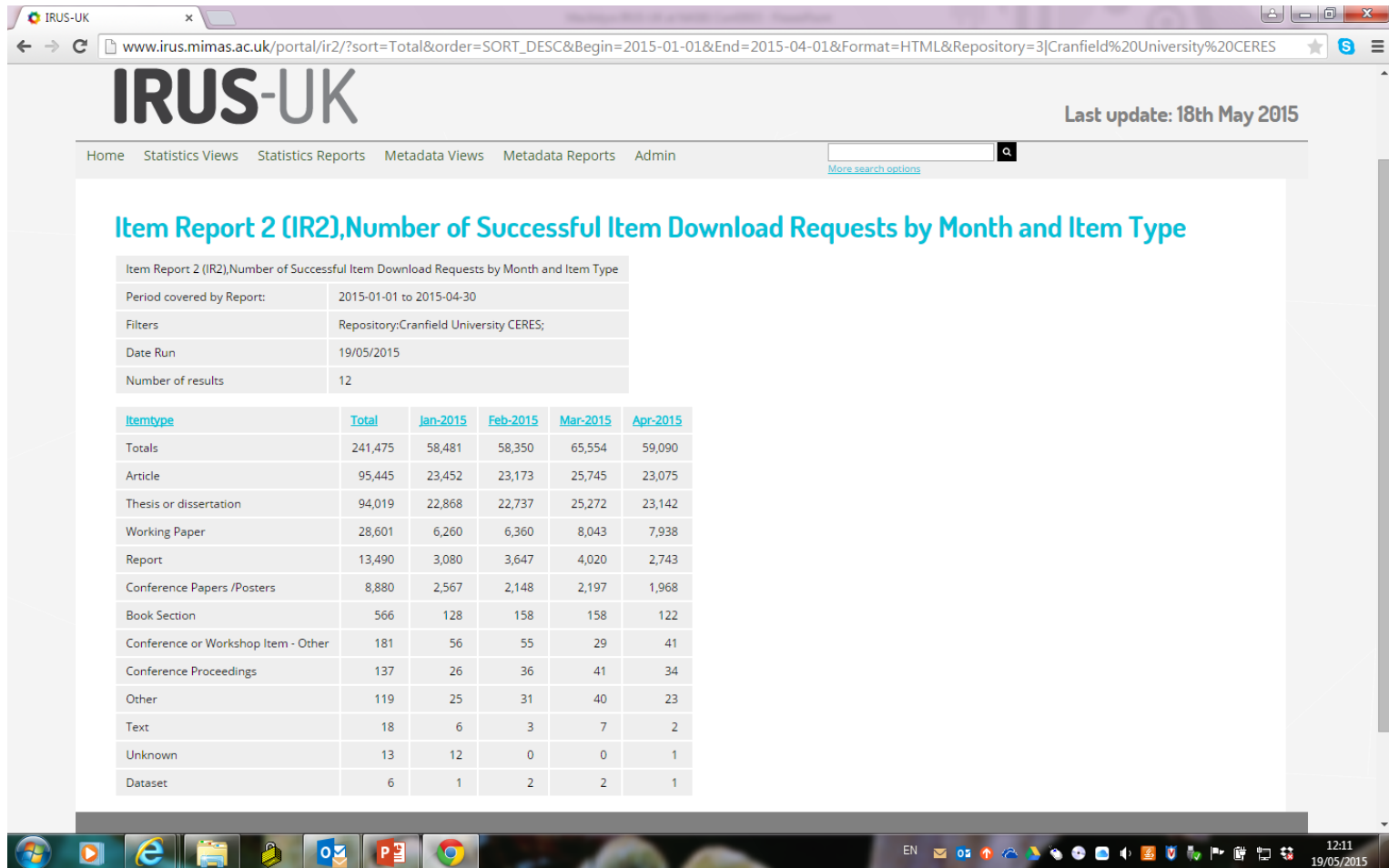
Period covered by Report:	2015-01-01 to 2015-04-30
Filters	Repository: Cranfield University CERES;
Date Run	19/05/2015
Number of results	5,415

Previous page 001 002 003 004 005 006 007 008 009 010 ... 109 Next page

ItemURL	OAI:SourceID	Title	Author	Itemtype	Total	Jan-2015	Feb-2015	Mar-2015	Apr-2015
Totals					241,475	58,481	58,350	65,554	59,090
http://dspace.lib.cranfield.ac.uk/handle/1826/1221	oai:dspace.lib.cranfield.ac.uk:1826/1221	Managing and measuring for value: the case of call centre performance	Marr, Bernard; Neely, Andrew	Report	4,377	963	1,135	1,261	1,018
http://dspace.lib.cranfield.ac.uk/handle/1826/2968	oai:dspace.lib.cranfield.ac.uk:1826/2968	The attitude behaviour relationship	Mostyn, Barbara	Working Paper	2,928	616	652	771	889
http://dspace.lib.cranfield.ac.uk/handle/1826/2789	oai:dspace.lib.cranfield.ac.uk:1826/2789	Towards a definition of a business performance measurement system	Franco-Santos, Monica; Kennerley, Mike; Micheli, Pietro; Martinez, Veronica; Mason, Steve; Marr, Bernard; Gray, Dina; Neely, Andrew	Article	2,870	497	529	743	1,101

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IRUS-UK: Item Report 2



IRUS-UK: Article Report 4

IRUS-UK

www.irus.mimas.ac.uk/portal/ar4/?sort=Total&order=SORT_DESC&Begin=2015-01-01&End=2015-04-01&JID=300001&Format=HTML&Repository=63|Manchester%20eScho

Article Report 4 (AR4): Number of Successful Full-Text Article Requests by Month

Article Report 4 (AR4): Number of Successful Full-Text Article Requests by Month

To the Central Clearing House

Period covered by Report: 2015-01-01 to 2015-04-30

Filters: Journal:PLOS ONE; Repository:Manchester eScholar;

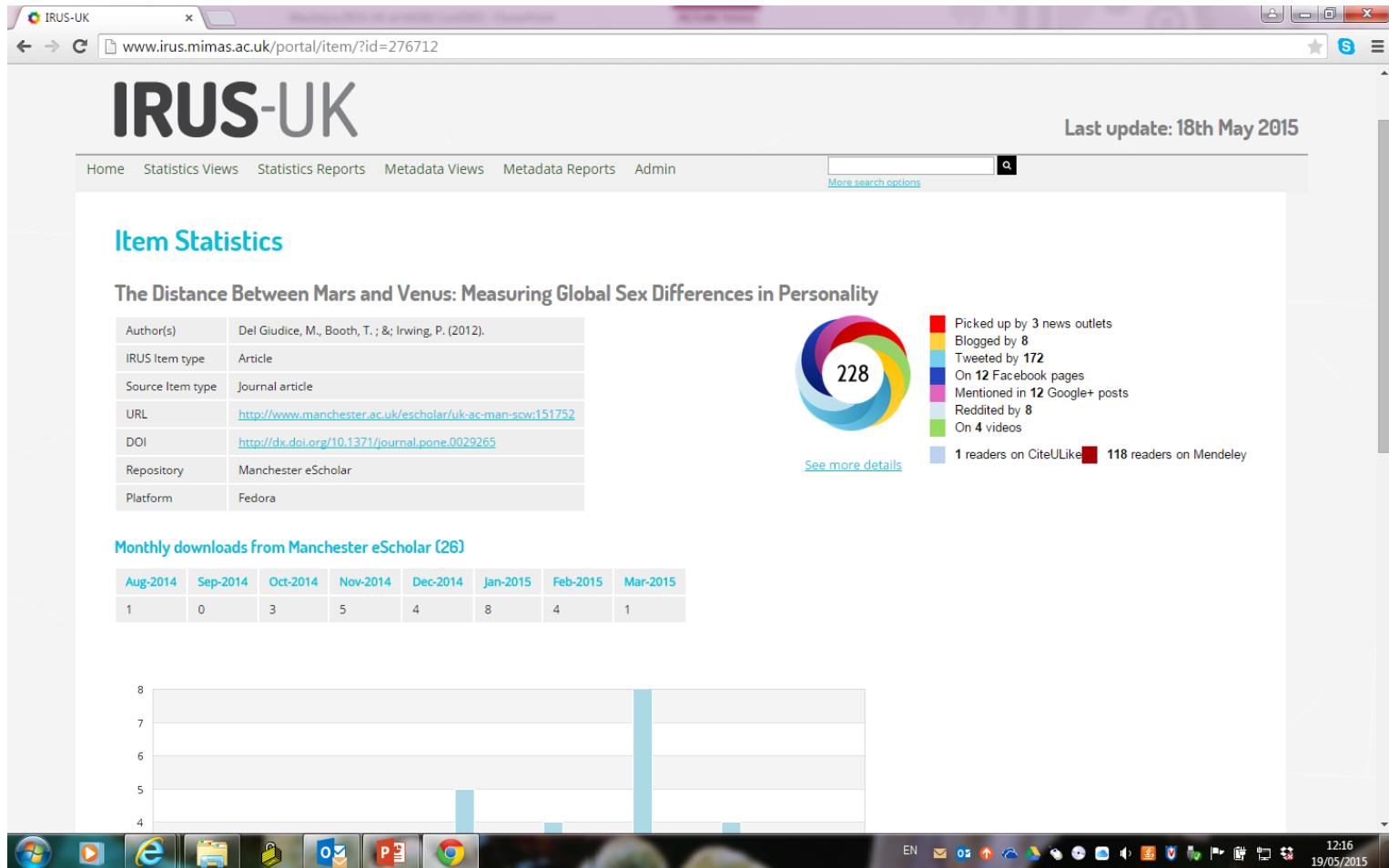
Date Run: 19/05/2015

Number of results: 14

DOI	ItemURL	Title	Author	Journal	Journal DOI	Print ISSN	Online ISSN	Platform	Total	Jan: 2015	Feb: 2015	Mar: 2015
Totals									42	14	16	7
10.1371/journal.pone.0029265	http://www.manchester.ac.uk/escholar/uk-ac-man-scw:151752	The Distance Between Mars and Venus: Measuring Global Sex Differences in Personality	Del Giudice, M., Booth, T.; & Irwing, P. (2012).	PLOS ONE			1932-6203	Manchester eScholar	13	8	4	1
10.1371/journal.pone.0079195	http://www.manchester.ac.uk/escholar/uk-ac-man-scw:227421	Systematic Construction of Kinetic Models from Genome-Scale Metabolic Networks	Natalie J. Stanford, Timo Lubitz, Kieran Smallbone, Edda Klipp, Pedro Mendes, Wolfram Liebermeister	PLOS ONE			1932-6203	Manchester eScholar	8	0	7	0
10.1371/journal.pone.0037872	http://www.manchester.ac.uk/escholar/uk-ac-man-scw:162348	Collagen-like proteins in pathogenic E. coli strains	Neelanjana Ghosh, Thomas J. McKillop, Thomas A. Jowitt, Marjorie Howard, Heather Davies, David F. Holmes, Ian	PLOS ONE			1932-6203	Manchester eScholar	5	1	2	1

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IRUS-UK: Items Statistics



IRUS-UK: Book Report 1 (Entire Book)

IRUS-UK x The Distance Between M... x

www.irus.mimas.ac.uk/portal/br1/?sort=Total&order=SORT_DESC&Begin=2015-01-01&End=2015-04-01&Format=HTML&Repository=1[Bournemouth%20University%20BUR] ★ S

Book Report 1 (BR1), Number of Successful Title Requests by Month and Title

Book Report 1 (BR1), Number of Successful Title Requests by Month and Title	
Period covered by Report:	2015-01-01 to 2015-04-30
Filters	Repository: Bournemouth University BUR0;
Date Run	19/05/2015
Number of results	336

Previous page 1 2 3 4 5 6 7 Next page ➡

Title	ItemURL	Platform	DOI	Author	Total	Jan-2015	Feb-2015	Mar-2015	Apr-2015
Totals					34,942	8,598	8,336	8,839	9,169
Consumer Behaviour Theory: Approaches and Models	http://eprints.bournemouth.ac.uk/10107/	Bournemouth University BUR0		Bray, Jeffery P.	21,302	5,386	5,077	5,457	5,382
Rock Art Pilot Project Main Report	http://eprints.bournemouth.ac.uk/9602/	Bournemouth University BUR0		Darvill, Timothy; Ucko, Peter; Gibson, Alex	1,043	201	242	281	319
Overweight and obesity in children: A review of the literature	http://eprints.bournemouth.ac.uk/11685/	Bournemouth University BUR0		Hewitt-Taylor, Jaqui; Alexander, Jo; McBride, John	1,017	183	227	296	311
Fragrance: Strategic Marketing in Practice Case Study	http://eprints.bournemouth.ac.uk/11328/	Bournemouth University BUR0		Kilburn, David	554	172	118	143	121
Analysis of Alzheimer's Society	http://eprints.bournemouth.ac.uk/13331/	Bournemouth University BUR0		Kilburn, David	392	104	102	80	106
What makes a good nurse? A study conducted for WDGH NHS Trust by Bournemouth University to identify nursing practice and care within the Trust	http://eprints.bournemouth.ac.uk/11695/	Bournemouth University BUR0		Graham, Iain W.; Partlow, Christine; Maxwell, Elaine	387	80	114	94	99
Managing marketing performance: introduction	http://eprints.bournemouth.ac.uk/10991/	Bournemouth University BUR0		Kilburn, David	320	94	72	89	65
The Proceedings of the International History of Public		Bournemouth							

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IRUS-UK: Book Report 2 (Section)

IRUS-UK x The Distance Between M... x

www.irus.mimas.ac.uk/portal/br2/?sort=Total&order=SORT_DESC&Begin=2015-01-01&End=2015-04-01&Format=HTML&Repository=1[Bournemouth%20University%20BUR...]

Book Report 2 (BR2), Number of Successful Section Requests by Month and Title

Book Report 2 (BR2), Number of Successful Section Requests by Month and Title

Period covered by Report: 2015-01-01 to 2015-04-30

Filters: Repository:Bournemouth University BURO;

Date Run: 19/05/2015

Number of results: 222

Previous page 1 2 3 4 5 Next page

Title	ItemURL	Platform	DOI	Author	Total	Jan-2015	Feb-2015	Mar-2015	Apr-2015
Totals					12,033	2,489	2,836	3,020	3,688
Moral Panics: Reconsidering Journalism's Responsibilities	http://eprints.bournemouth.ac.uk/21051/	Bournemouth University BURO		Luce, Ann	1,658	291	395	443	529
Reputation Management: Corporate Image and Communication	http://eprints.bournemouth.ac.uk/12633/	Bournemouth University BURO		Kitchen, Philip J.; Watson, Tom	1,604	305	334	363	602
Social media use and impact during the holiday travel planning process	http://eprints.bournemouth.ac.uk/19262/	Bournemouth University BURO		Fotis, John; Buhalis, Dimitrios; Rossides, Nicos	1,292	308	338	283	363
Interprofessional Collaboration when Working with Older People	http://eprints.bournemouth.ac.uk/20996/	Bournemouth University BURO		Hean, Sarah; Smith, S.	504	46	142	104	212
The Change Agent	http://eprints.bournemouth.ac.uk/498/	Bournemouth University BURO		Holland, Matt	458	109	69	122	158
Festival Spaces and the Visitor Experience	http://eprints.bournemouth.ac.uk/4821/	Bournemouth University BURO		Morgan, Michael	297	25	90	86	96
Barriers to Effective Pain Management	http://eprints.bournemouth.ac.uk/11565/	Bournemouth University BURO		Carr, Eloise C.J.	285	12	72	98	103
Measuring the edifice:									

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IRUS-UK: Journal Report 1

The screenshot shows a web browser window displaying the IRUS-UK portal. The address bar shows the URL: www.irus.mimas.ac.uk/portal/jr1/?Begin=2015-01-01&End=2015-04-01&IID=905&Repository=All&Format=HTML. The page features a navigation bar with links: HOME, ABOUT, HELP, PARTICIPANTS, NEWS, PORTAL, and a 'Log out' button. The main header displays 'IRUS-UK' and 'Last update: 18th May 2015'. Below this is a search bar and a 'More search options' link. The main content area is titled 'Journal Report 1 (JRI): Number of Successful Full-Text Article Requests by Month and Journal'. It includes a summary table with the following data:

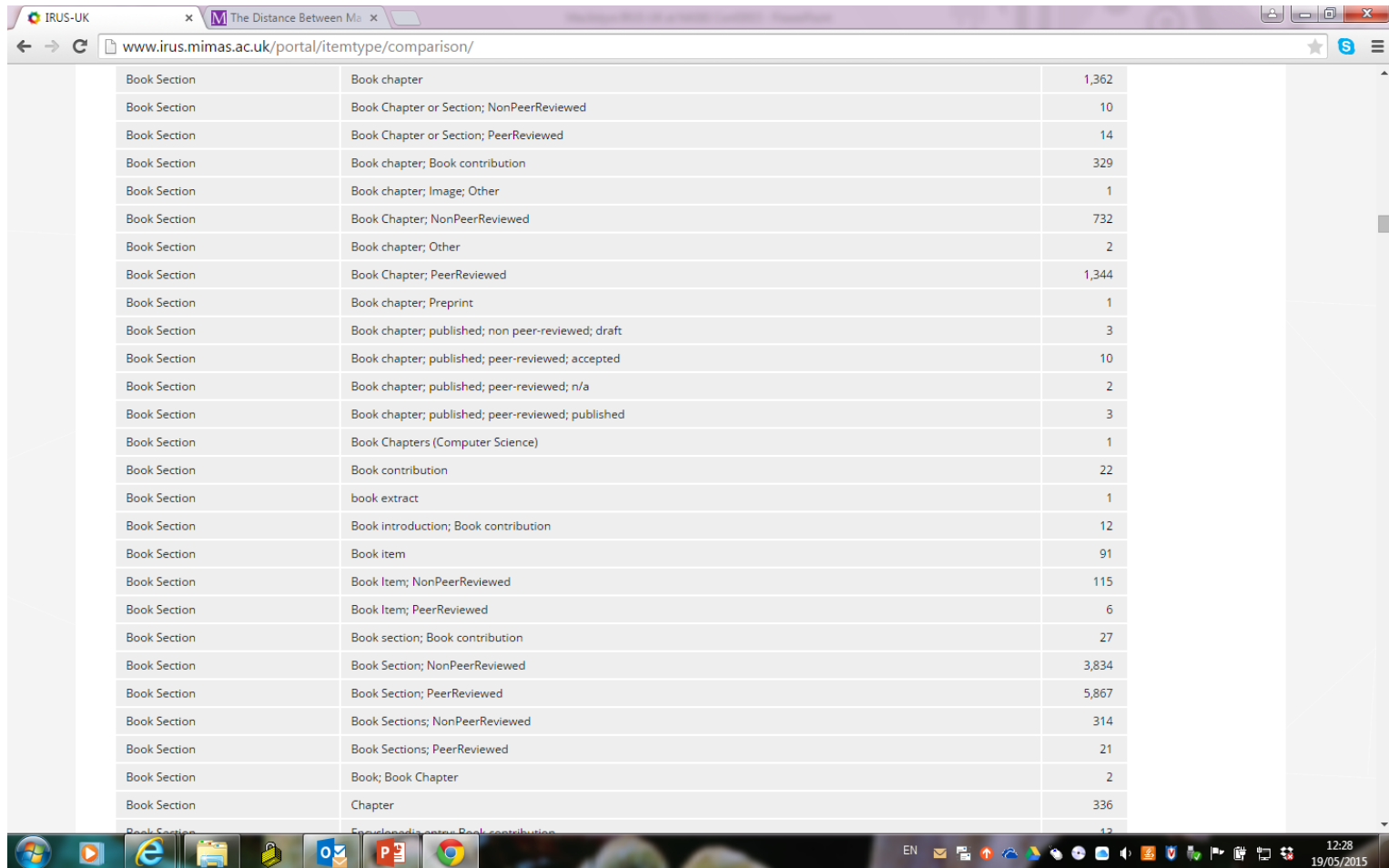
Journal Report 1 (JRI): Number of Successful Full-Text Article Requests by Month and Journal	
To the Central Clearing House	
Period covered by Report:	2015-01-01 to 2015-04-30
Filters	Journal:Lancet, The;
Date Run	19/05/2015
Number of results	1

Below the summary table is a detailed table with the following columns: Journal, Platform, Journal DOI, Print ISSN, Online ISSN, Total, Jan-2015, Feb-2015, Mar-2015, Apr-2015. The data rows are:

Journal	Platform	Journal DOI	Print ISSN	Online ISSN	Total	Jan-2015	Feb-2015	Mar-2015	Apr-2015
Totals for all journals					2,377	517	477	718	665
Lancet, The			0140-6736		2,377	517	477	718	665

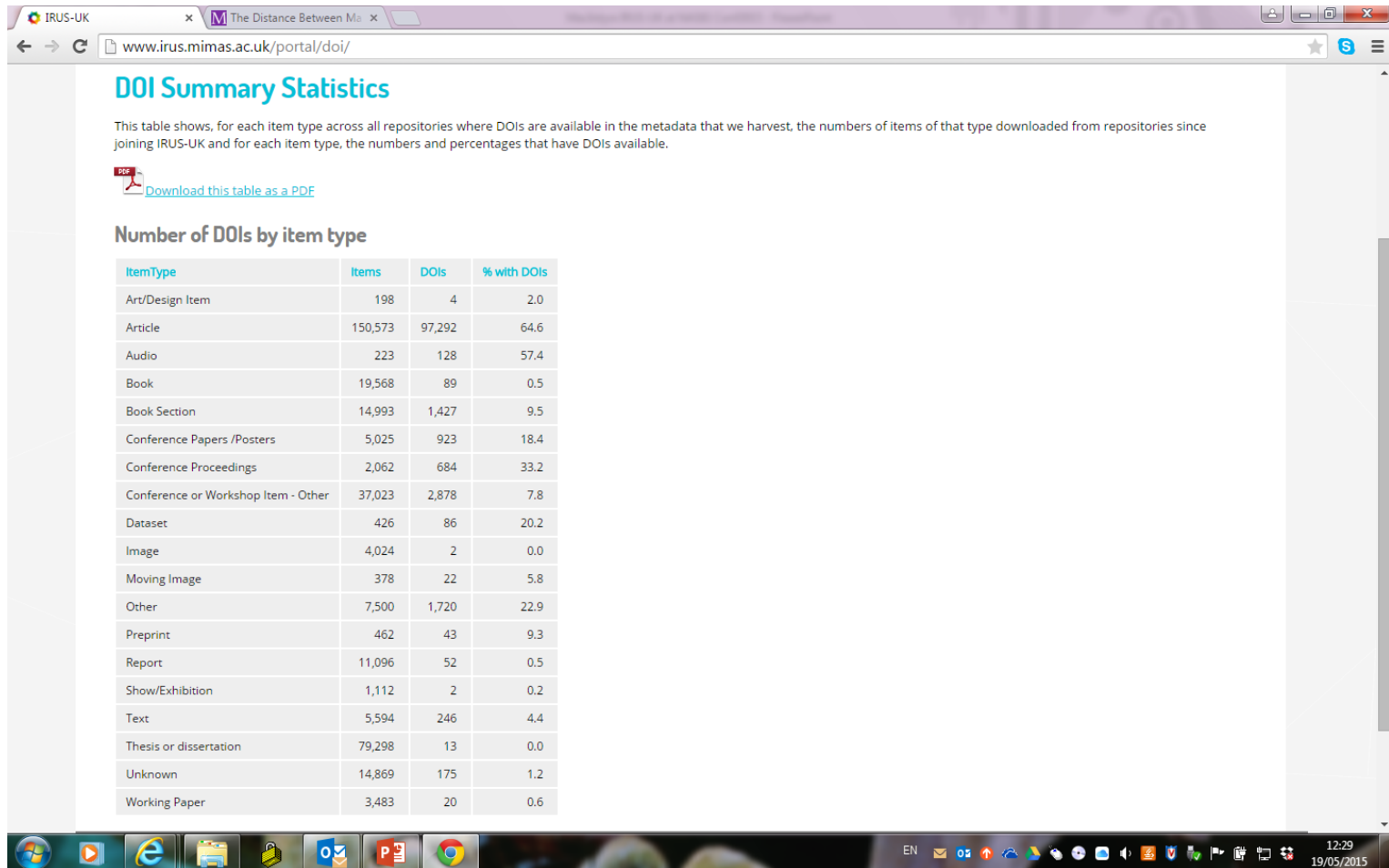
At the bottom of the page, there is a footer with the text: 'For enquiries about IRUS-UK, please contact irus@mimas.ac.uk' and '© 2012-2015 (Cloud)'.

IRUS-UK: Item Type mappings




Book Section	Book chapter	1,362
Book Section	Book Chapter or Section; NonPeerReviewed	10
Book Section	Book Chapter or Section; PeerReviewed	14
Book Section	Book chapter; Book contribution	329
Book Section	Book chapter; Image; Other	1
Book Section	Book Chapter; NonPeerReviewed	732
Book Section	Book chapter; Other	2
Book Section	Book Chapter; PeerReviewed	1,344
Book Section	Book chapter; Preprint	1
Book Section	Book chapter; published; non peer-reviewed; draft	3
Book Section	Book chapter; published; peer-reviewed; accepted	10
Book Section	Book chapter; published; peer-reviewed; n/a	2
Book Section	Book chapter; published; peer-reviewed; published	3
Book Section	Book Chapters (Computer Science)	1
Book Section	Book contribution	22
Book Section	book extract	1
Book Section	Book introduction; Book contribution	12
Book Section	Book item	91
Book Section	Book Item; NonPeerReviewed	115
Book Section	Book Item; PeerReviewed	6
Book Section	Book section; Book contribution	27
Book Section	Book Section; NonPeerReviewed	3,834
Book Section	Book Section; PeerReviewed	5,867
Book Section	Book Sections; NonPeerReviewed	314
Book Section	Book Sections; PeerReviewed	21
Book Section	Book; Book Chapter	2
Book Section	Chapter	336
Book Section	Chapter; Book contribution	12

IRUS-UK: DOI (found) Summary



DOI Summary Statistics

This table shows, for each item type across all repositories where DOIs are available in the metadata that we harvest, the numbers of items of that type downloaded from repositories since joining IRUS-UK and for each item type, the numbers and percentages that have DOIs available.

 [Download this table as a PDF](#)

Number of DOIs by item type

Item Type	Items	DOIs	% with DOIs
Art/Design Item	198	4	2.0
Article	150,573	97,292	64.6
Audio	223	128	57.4
Book	19,568	89	0.5
Book Section	14,993	1,427	9.5
Conference Papers /Posters	5,025	923	18.4
Conference Proceedings	2,062	684	33.2
Conference or Workshop Item - Other	37,023	2,878	7.8
Dataset	426	86	20.2
Image	4,024	2	0.0
Moving Image	378	22	5.8
Other	7,500	1,720	22.9
Preprint	462	43	9.3
Report	11,096	52	0.5
Show/Exhibition	1,112	2	0.2
Text	5,594	246	4.4
Thesis or dissertation	79,298	13	0.0
Unknown	14,869	175	1.2
Working Paper	3,483	20	0.6

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IRUS-UK: Duplicate DOI Report

IRUS-UK x The Distance Between M... x

www.irus.mimas.ac.uk/portal/dd1/?

DOI Duplicates Report 1 (DD1), Items with Duplicate DOIs within Repository

DOI Duplicates Report 1 (DD1), Items with Duplicate DOIs within Repository

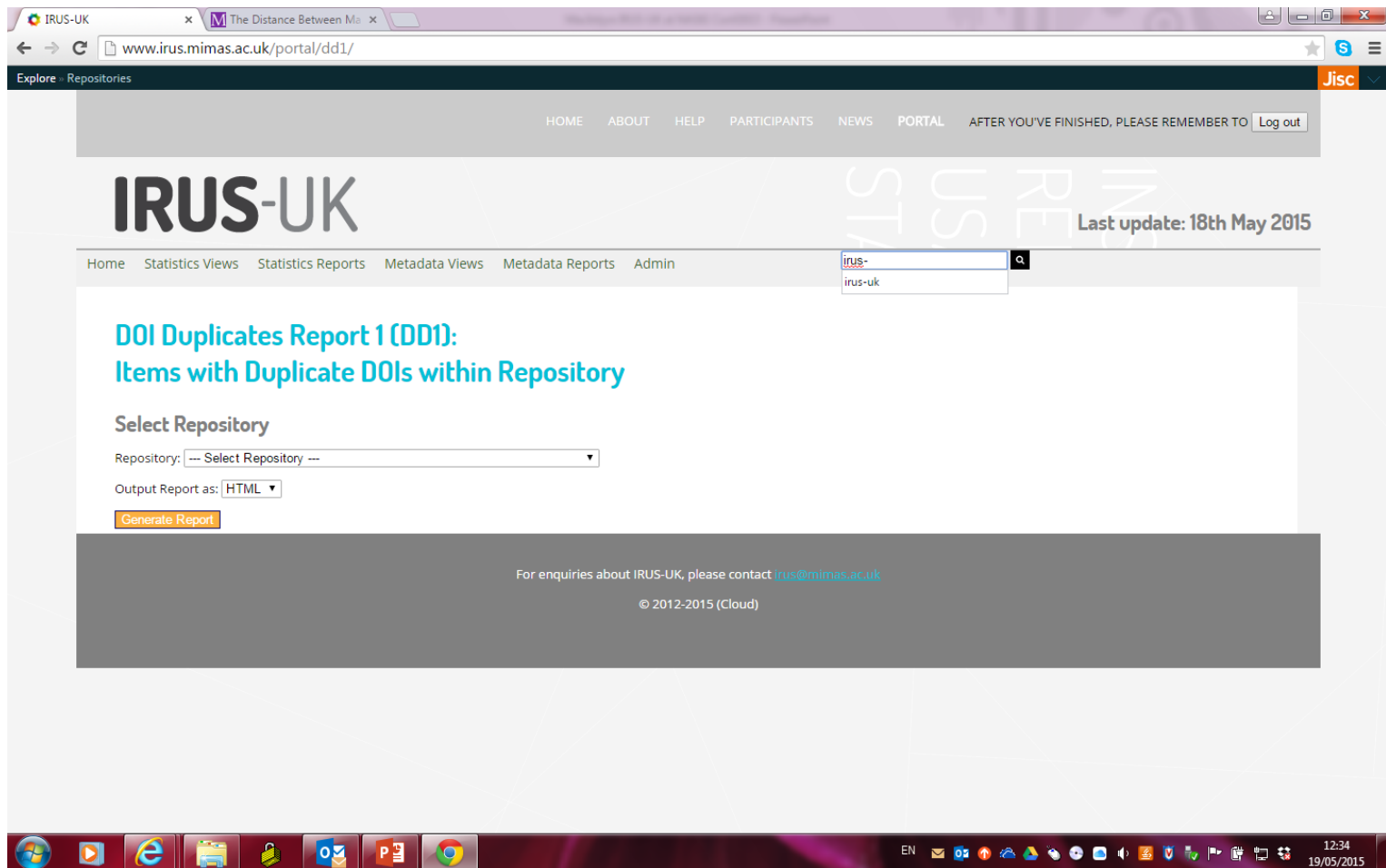
Cranfield University CERES

Date Run 19/05/2015

DOI/Item URLs	Item Type	Title	Creator(s)
http://dx.doi.org/10.1002/jctb.1556			
http://dspace.lib.cranfield.ac.uk/handle/1826/2398	Article	Enhanced biological treatment of spent metalworking fluids by prior removal of a polymer.	Connolly, Helen E.; van der Gast, Christopher J.; Wylie, Doug; Stephenson, Tom; Thompson, Ian P.
http://dspace.lib.cranfield.ac.uk/handle/1826/8548	Article	Enhanced biological treatment of spent metalworking fluids by prior removal of a polymer	Connolly, Helen E.; van der Gast, Christopher J.; Wylie, Doug; Stephenson, Tom; Thompson, Ian P.
http://dx.doi.org/10.1007/3-540-28438-9_10			
http://dspace.lib.cranfield.ac.uk/handle/1826/3133	Article	Improving the Performance of the Vertex Elimination Algorithm for Derivative Calculation.	Tadjouddine, Mohamed; Bodman, Frances; Pryce, John D.; Forth, Shaun A.
http://dspace.lib.cranfield.ac.uk/handle/1826/8723	Book Section	Improving the Performance of the Vertex Elimination Algorithm for Derivative Calculation.	Tadjouddine, M; Bodman, F; Pryce, JD; Forth, SA
http://dx.doi.org/10.1007/978-0-85729-799-0			
http://dspace.lib.cranfield.ac.uk/handle/1826/7332	Conference Papers /Posters	Towards a cost modelling framework for outsourcing ERP systems	Shehab, Essam; Thomassin, M; Badawy, M
http://dspace.lib.cranfield.ac.uk/handle/1826/7334	Conference Papers /Posters	Set-Based Concurrent Engineering process within the LeanPPD environment	Khan, Muhammad; Al-Ashaab, Ahmed; Doultsinou, Athanasia; Shehab, Essam; Ewers, Paul; Sulowski, Robert
http://dx.doi.org/10.1007/s00170-012-4158-4			
http://dspace.lib.cranfield.ac.uk/handle/1826/8391	Article	An innovative cost modelling system to support lean product and process development	Wasim, Ahmad; Shehab, Essam; Abdalla, Hassan; Al-Ashaab, Ahmed; Sulowski, Robert; Alam, Rahman
http://dspace.lib.cranfield.ac.uk/handle/1826/8444	Article	An innovative cost modelling system to support lean product and process development	Wasim, Ahmad; Shehab, Essam; Abdalla, Hassan; Al-Ashaab, Ahmed; Sulowski, Robert; Alam, Rahman
http://dx.doi.org/10.1007/s10853-011-5984-8			
http://dspace.lib.cranfield.ac.uk/handle/1826/7656	Article	Molten hydroxide synthesis as an alternative to molten salt synthesis for producing K0.5Na0.5NbO3 lead free ceramics	Lusiola, T; Bortolani, F; Zhang, Q; Dorey, R

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IRUS-UK: Search



The screenshot shows a web browser window with the URL www.irus.mimas.ac.uk/portal/dd1/. The page features a navigation bar with links: HOME, ABOUT, HELP, PARTICIPANTS, NEWS, PORTAL, and a login button labeled "Log out" with the text "AFTER YOU'VE FINISHED, PLEASE REMEMBER TO". The Jisc logo is in the top right corner. The main header displays "IRUS-UK" and "Last update: 18th May 2015". Below this is a secondary navigation bar with links: Home, Statistics Views, Statistics Reports, Metadata Views, Metadata Reports, and Admin. A search bar contains the text "irus-" with a dropdown menu showing "irus-" and "irus-uk". The main content area is titled "DOI Duplicates Report 1 (DD1): Items with Duplicate DOIs within Repository". It includes a "Select Repository" section with a dropdown menu labeled "Repository: --- Select Repository ---" and an "Output Report as:" dropdown menu set to "HTML". A "Generate Report" button is located below these options. At the bottom of the page, a footer contains the text "For enquiries about IRUS-UK, please contact irus@mimas.ac.uk" and "© 2012-2015 (Cloud)". The Windows taskbar at the bottom shows the time as 12:34 on 19/05/2015.

IRUS-UK

Last update: 18th May 2015

Home Statistics Views Statistics Reports Metadata Views Metadata Reports Admin

Repository: --- Select Repository ---

Output Report as: HTML

Generate Report

For enquiries about IRUS-UK, please contact irus@mimas.ac.uk

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IRUS-UK: Search results

IRUS-UK search x The Distance Between M... x

www.irus.mimas.ac.uk/portal/search/?st=irus-uk&x=88&y=98&action=search

Explore Repositories Jisc

HOME ABOUT HELP PARTICIPANTS NEWS PORTAL AFTER YOU'VE FINISHED, PLEASE REMEMBER TO Log out

IRUS-UK

Last update: 18th May 2015

Home Statistics Views Statistics Reports Metadata Views Metadata Reports Admin

More search options

Search Results

Search for "irus-uk" returned 4 result(s)

Item Type	Title	Author	URL	Overall Downloads
Article	IRUS-UK: making scholarly statistics count in UK repositories	Needham, Paul; Stone, Graham	http://eprints.hud.ac.uk/15105/	66
Article	IRUS-UK: making scholarly statistics count in UK repositories	Needham, Paul A. S.; Stone, Graham	http://dspace.lib.cranfield.ac.uk/handle/1826/7643	189
Article	Irus and his jovial crew : representations of beggars in Vincent Bourne and other eighteenth-century writers of Latin verse	Gilmore, John T.	http://wrap.warwick.ac.uk/50215/	25
Conference or Workshop Item - Other	Using IRUS-UK to check repository health	Jackie, Proven	http://hdl.handle.net/10023/6196	1

[New search](#)

For enquiries about IRUS-UK, please contact irus@mimas.ac.uk

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IRUS-UK: Best features (our survey said)

- Reliable, authoritative statistics
 - COUNTER compliant statistics
 - Filtering of robots
 - Used for standard reporting (eg SCONUL)
 - Can repurpose for other reporting mechanisms and different audiences
- Ability to benchmark against others
 - Comparison of download statistics across participating IRs
 - Number (and range across the sector) of participating institutions
- Easy to use
 - Easy to setup and use
 - Easy access to statistics
 - Clear display of statistics
 - 96% find the current user interface clear
 - 96% find the current functionality clear to understand

IRUS-UK: Value

- Demonstrates the importance of repositories in disseminating the full range of scholarly outputs
- Uniquely positioned to act as an intermediary between UK repositories and other actors:
 - Funders
 - Publishers
 - National shared services
 - International initiatives (eg OpenAIRE2020)
- 2015 IRUS-UK user survey:
 - 92% reported that IRUS-UK has improved statistical reporting
 - 63% reported that IRUS-UK saves time collecting statistics
 - 83% reported that IRUS-UK enables reporting previously unable to do
 - 84% hope to use IRUS-UK for benchmarking

IRUS-UK: Documented use cases

- Providing standards-based, reliable repository statistics
- Reporting to Institutional Managers
- Reporting to Researchers
- Benchmarking
- Supporting Advocacy
- <http://www.irus.mimas.ac.uk/help/support/>

IRUS-UK: User say

- *“The set up was quick and painless”*
- *“Consistent collection of statistics without me having to do it!”*
- *“Provision of standards-based usage statistics that can be compared with publisher reports, so that the visibility of open access repository content can be highlighted.”*
- *“It has potential to help identify problems in the metadata e.g. incorrect DOIs.”*
- *“High quality download stats that conform to a standard, that we can compare to other universities for benchmarking.”*
- *“Provides useful usage stats for librarians.”*

Contacts & Information

- If you wish to contact IRUS-UK:
 - irus@mimas.ac.uk
 - [@IRUSNEWS](#)
- Project web site:
 - <http://irus.mimas.ac.uk/>

“The set up was quick and painless, which is always a delight!”

“Consistent collection of statistics without me having to do it!”