DLF-Jisc Pilot Project webinar
23 March 2018

» Welcome and introductions

› Overview of IRUS-USA pilot project and progress to date

› DLF Assessment Interest Group (DLF-AIG) connections and interests

https://jusp.jisc.ac.uk/irus-usa/

Login: guest@clir.org
Pw: statsRus

»University of Pittsburgh
»Montana State University
»Indiana University
»University of Maryland
»University of Houston
»Cal Tech

»University of Virginia
»Swarthmore College

»University of Michigan
»Smithsonian Libraries
»Johns Hopkins University
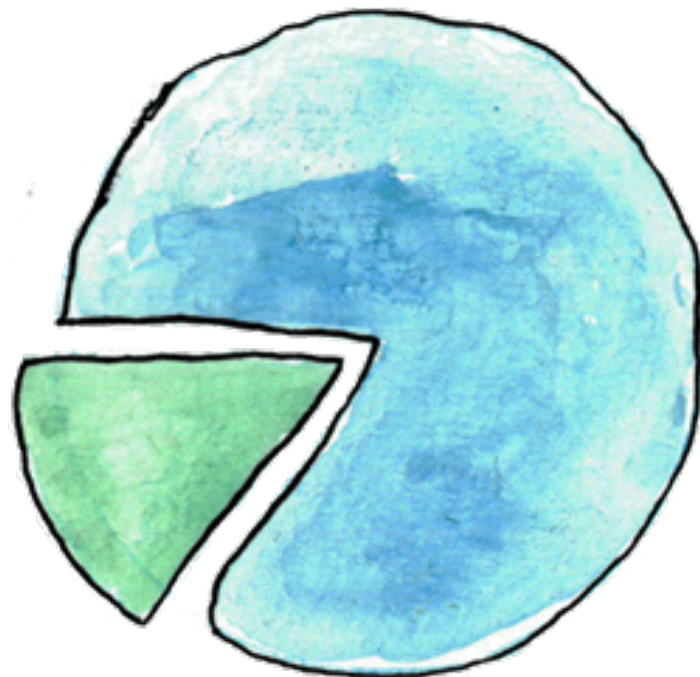
Institutional Repository Usage Statistics (IRUS)

» A national aggregation service, enabling IRs to share/expose usage statistics at the individual item level, based on a global standard – COUNTER

» Collect raw download data from IRs for all item types within repositories

» Process those raw data into COUNTER-conformant statistics

» Tracker Protocol

» Data ingest and processing:

› QA processes

» Data access and presentation:

› Web, SUSHI, SUSHI Lite API

Case studies: available in IRUS-UK Support Materials (http://irus.mimas.ac.uk/help/support)

Apart from the advantages for individual institutions, IRUS-UK aggregates data to illustrate the combined usage of UK institutional repositories. This level of information provides an understanding of the ways in which UK IRs are used and provides organisations with statistics to use and exploit to support advocacy activities. Now that **>90%** of eligible UK IRs are using IRUS-UK, this participation provides opportunities. These are illustrated within several case studies.

Imperial College London
Developing materials to support advocacy for their institutional repository, Spiral

Leeds Beckett University
Encouraging use of their institutional repository

White Rose Research Online
Combining repository usage and Altmetric data (+ DIY guide for other IRs)

Aberystwyth University
Promoting Open Access activity and systems

Reading University
Reporting to a senior management research committee

Open University
Promoting the benefits of their repository and benchmarking

Home | About | Portal

IRUS-USA | DLF

Last update: 11th Feb 2018

Home | Statistics Reports | Metadata Reports | Metadata Views | Metastatistics Views

Home

Overall Summary

These tables provide summaries of data in IRUS-USA including: number of participating repositories, number of items downloaded from these repositories since they joined, numbers of downloads (in total, to the end of the previous month, and during the current month) and also the latest date for which data is available in IRUS-USA.

Overall Summary

Headlines at a glance as of 11th Feb 2018	
Repositories	7
Items	85,968
Downloads up to Jan-2018	2,229,285
Downloads in Feb-2018, so far...	209,732
Total Downloads	2,439,017

Yearly summaries

Year	No. of Repositories	Article Downloads	Total Downloads
2017	7	249,024	1,682,815
2018	7	84,142	546,470

Ingest Summary Statistics

This table provides an analysis of the data ingest process for each participating repository. It shows for each repository: the total number of downloads recorded since they joined (RawDataIn); the number of downloads by applications listed in the COUNTER Code of Practice as Internet robots, crawlers, spiders, etc. ([http://www.projectcounter.org/code_practice.html"](http://www.projectcounter.org/code_practice.html)[>http://www.projectcounter.org/code_practice.html](http://www.projectcounter.org/code_practice.html)) (COUNTER Robots); the number of downloads by an additional list of internet robots, crawlers, spiders, etc., used by IRUS-USA in addition to the COUNTER list (IRUS-USA exclusions); requests to download an item where the mouse is clicked twice within 30 seconds (DoubleClicks); and, a net figure for downloads obtained by subtracting from the raw data the figures for robots and double clicks (FilteredDataOut).

Repository	RawDataIn	COUNTER Robots	IRUS-USA Exclusions	DoubleClicks	FilteredDataOut (Total downloads)
Overall Totals	6,006,134	1,954,913	1,370,893	241,311	2,439,017
Caltech [Authors]	1,450,257	882,134	113,542	12,838	441,743
Caltech [Thesis]	355,535	224,604	32,125	2,457	96,349
Indiana University [IUScholarWorks]	288,571	4,162	84,028	20,110	180,271
Montana State University [ScholarWorks]	838,386	17,937	288,727	71,560	460,162
University of Houston [Institutional Repository]	137,755	1,466	70,765	15,511	50,013
University of Maryland [DRUM]	1,320,549	7,339	345,465	99,624	868,121
University of Pittsburgh [D-Scholarship]	1,615,081	817,271	436,241	19,211	342,358

Last update: 11th Feb 2018

ItemTypes Report

This table provides a breakdown of the item types used by participating repositories that have been mapped to each of the IRUS-USA item types used in the Item Type Statistics table.

Comparison of IRUS-USA item types and repository item types

IRUS-USA item type	Repository item type	No. of items
Article	Article	5,213
Article	Article; Dataset	1
Article	Article; Dataset; Other	1
Article	Article; NonPeerReviewed	202
Article	Article; Other	2
Article	Article; PeerReviewed	28,470
Article	Article; Software	1
Article	Article; Technical Report	1
Article	Book review	13
Article	Literature Review	2
Article	Periodical	61
Article	Publication	22
Audio	Audio file	9
Audio	Audio; NonPeerReviewed	1

Home   About ⌄   Portal

IRUS-USA   DLF

Last update: 11th Feb 2018

Home   Statistics Reports   Metadata Reports   Metadata Views   Metastatistics Views

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

This report provides the number of successful item download requests by month and repository identifier for a selected repository. For each item, it shows the item URL, title, author(s), item type and total downloads by month and in total for the period selected. It can be run for an individual month or over a number of months and can be output in HTML, TSV or CSV formats.

See how Leeds Beckett University used this report to help them produce a Statistics Libguides Page.
See how Aberystwyth University used this report to help them produce an OA newsletter.

Report Request

Usage Date Range

From date: May-2017 ▼   **To date:** Jan-2018 ▼

Filters (required)

Repository: --- Select Repository --- ▼

Report Attributes

OrderBy: Title (Ascending) ▼

Format: HTML ▼

Get Report

Home | About | Portal

Home Statistics Reports Metadata Reports Metadata Views Metastatistics Views

IRUS-USA DLF

Last update: 11th Feb 2018

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:	2017-05-01 to 2018-01-31
Filters	Repository:Indiana University [IUScholarWorks];
Date Run	14/02/2018
Number of results	6,461

Previous page 001 002 003 004 005 006 007 008 009 010 ... 130 Next page

ItemURL	OAISourceID	Title	Author	Itemtype	Total	May-2017	Jun-2017	Jul-2017	Aug-2017	Sep-2017	Oct-2017	Nov-2
Totals					166,169	0	0	0	0	19,823	39,707	39,8
http://hdl.handle.net/2022/14617	oai:scholarworks.iu.edu:2022/14617	"...then the walls shall come down"	Kuriyama, Kenji, 1987-	Thesis or Dissertation	1	0	0	0	0	0	0	
http://hdl.handle.net/2022/1144	oai:scholarworks.iu.edu:2022/1144	"0 hω" Stretched States Excited with the (p,n) Reaction on Medium- and Heavy-Mass Nuclei	Anderson, B.D.; Lebo, C.; Baldwin, A.R.; Chittrakarn, T.; Madey, R.; Watson, J.W.; Foster, C.C.	Article	1	0	0	0	0	0	0	
http://hdl.handle.net/2022/1515	oai:scholarworks.iu.edu:2022/1515	"And How Do You Define Folklore?"	Danielson, Larry	Article	4	0	0	0	0	0	1	
		"Becoming an American										

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:	2017-05-01 to 2018-01-31
Filters	Repository:Indiana University [IUScholarWorks];
Date Run	14/02/2018
Number of results	6,461

ItemURL	OAISourceID	Title	Author	Itemtype	Total	May-2017	Jun-2017	Jul-2017	Aug-2017	Sep-2017	Oct-2017	N
Totals					166,169	0	0	0	0	19,823	39,707	
http://hdl.handle.net/2022/17594	oai:scholarworks.iu.edu:2022/17594	WHY THE DRINKING AGE SHOULD BE LOWERED: AN OPINION BASED ON RESEARCH	Engs, Ruth C.	Article	4,129	0	0	0	0	325	940	
http://hdl.handle.net/2022/3621	oai:scholarworks.iu.edu:2022/3621	African Literature	Julien, Eileen	Book Section	2,683	0	0	0	0	246	531	
http://hdl.handle.net/2022/6474	oai:scholarworks.iu.edu:2022/6474	Glossary of Recreation Therapy and Occupational Therapy	Austin, David R	Book	1,876	0	0	0	0	279	433	
http://hdl.handle.net/2022/171	oai:scholarworks.iu.edu:2022/171	Mapping the Unmappable: Visual Representations of the Internet as Social	King, Adam B.	Working Paper	1,742	0	0	0	0	225	452	

Item Statistics

WHY THE DRINKING AGE SHOULD BE LOWERED: AN OPINION BASED ON RESEARCH

Author(s)	Engs, Ruth C.
IRUS Item type	Article
Source Item type	Article
URL	http://hdl.handle.net/2022/17594
Repository	Indiana University [IUScholarWorks]
Platform	DSpace

Monthly downloads from Indiana University [IUScholarWorks] (4129)

Sep-2017	Oct-2017	Nov-2017	Dec-2017	Jan-2018
325	940	1572	764	528

Daily downloads for the last 28 days from Indiana University [IUScholarWorks] (843)

Home | About | Portal

Last update: 11th Feb 2018

Home | Statistics Reports | Metadata Reports | Metadata Views | Metastatistics Views

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:	2017-05-01 to 2018-01-31
Filters	Repository:Montana State University [ScholarWorks];
Date Run	14/02/2018
Number of results	7,117

Previous page 001 002 003 004 005 006 007 008 009 010 ... 143 Next page

ItemURL	Title	Author	Total	May-2017	Jun-2017	Jul-2017	Aug-2017	Sep-2017	Oct-2017	Nov-2017	Dec-2017	Jan-2018
Totals			323,111	24,033	34,037	35,670	30,846	35,474	37,948	44,401	35,601	45,101
http://scholarworks.montana.edu/xmlui/handle/1/2237	Action research in mathematics education : a study of a master's program for teachers	Segal, Sarah Ultan.	41,573	2,436	4,033	4,759	4,640	4,124	5,348	5,736	4,593	5,904
http://scholarworks.montana.edu/xmlui/handle/1/2224	A descriptive study of childhood obesity monitoring practices used by Montana pediatric providers	Schwarzkopf, Nancy Denise.	10,352	608	1,117	1,111	888	1,107	1,215	1,525	1,006	1,775
http://scholarworks.montana.edu/xmlui/handle/1/2449	Importance of financial literacy and financial literacy content in curriculum	Tschache, Candice Arrington.	6,403	284	360	615	613	738	751	1,021	684	1,337
http://scholarworks.montana.edu	Defining grammar : a critical	Wilcox, Karen										

Home | About ∨ | Portal

IRUS-USA | DLF

Home | Statistics Reports | Metadata Reports | Metadata Views | Metastatistics Views

Repository Report 1 (RR1),Number of Successful Item Download Requests by Month and Repository

This report enables you to view the number of successful item downloads by month for all participating repositories. The report can be filtered to limit the results to a selected item type. It can be run for an individual month or over a number of months and can be output in HTML, TSV or CSV formats. The results can be sorted by repository or by total number of downloads in ascending or descending order.>.

See how The University of Reading used this report to help them produce a Report to senior management.
See how the Open University used this report to help them produce Data to support benchmarking.

Report Request

Usage Date Range

Begin date: May-2017 ▾   **End date:** Jan-2018 ▾

Filters (optional)

Item Type: --- ItemType --- ▾

Report Attributes

Format: HTML ▾

Get Report

Home | About ⌄ | Portal

IRUS-USA | DLF

Last update: 11th Feb 2018

Home   Statistics Reports   Metadata Reports   Metadata Views   Metastatistics Views

Repository Report 1 (RR1),Number of Successful Item Download Requests by Month and Repository

Repository Report 1 (RR1),Number of Successful Item Download Requests by Month and Repository	
To whom it may concern	
Period covered by Report:	2017-05-01 to 2018-01-31
Filters:	
Date Run:	2018-02-14
Number of results	7

Repository	Total	May-2017	Jun-2017	Jul-2017	Aug-2017	Sep-2017	Oct-2017	Nov-2017	Dec-2017	Jan-2018
Totals	2,229,285	32,177	45,011	46,917	42,662	121,238	427,411	519,057	448,342	546,470
Caltech [Authors]	397,066	0	0	0	0	0	75,836	104,560	99,071	117,599
Caltech [Thesis]	85,548	0	0	0	0	0	16,772	20,529	20,764	27,483
Indiana University [IUScholarWorks]	166,169	0	0	0	0	19,823	39,707	39,819	33,706	33,114
ScholarWorks	436,354	32,177	45,011	46,917	42,662	48,651	53,694	59,375	47,629	60,238
University of Houston [Institutional Repository]	44,088	0	0	0	0	0	0	12,306	15,453	16,329
University of Maryland [DRUM]	784,774	0	0	0	0	11,280	171,938	214,244	169,774	217,538
University of Pittsburgh [D-Scholarship]	315,286	0	0	0	0	41,484	69,464	68,224	61,945	74,169

» Visualisations - Tableau

» COUNTER R5

» Enhanced metadata

> ORCIDs

> Funder details

» Pilot services

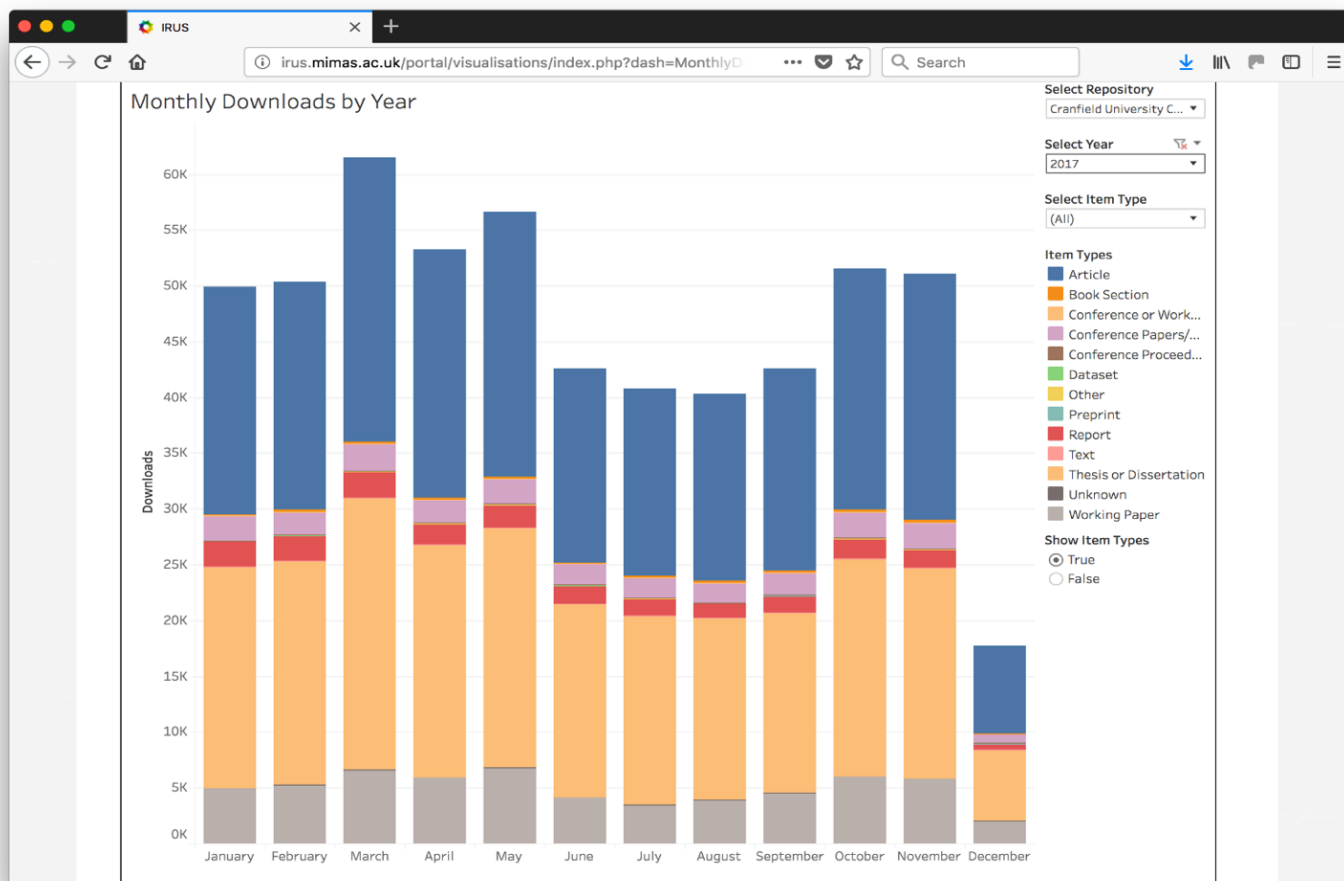# Visualisations – Yearly Downloads
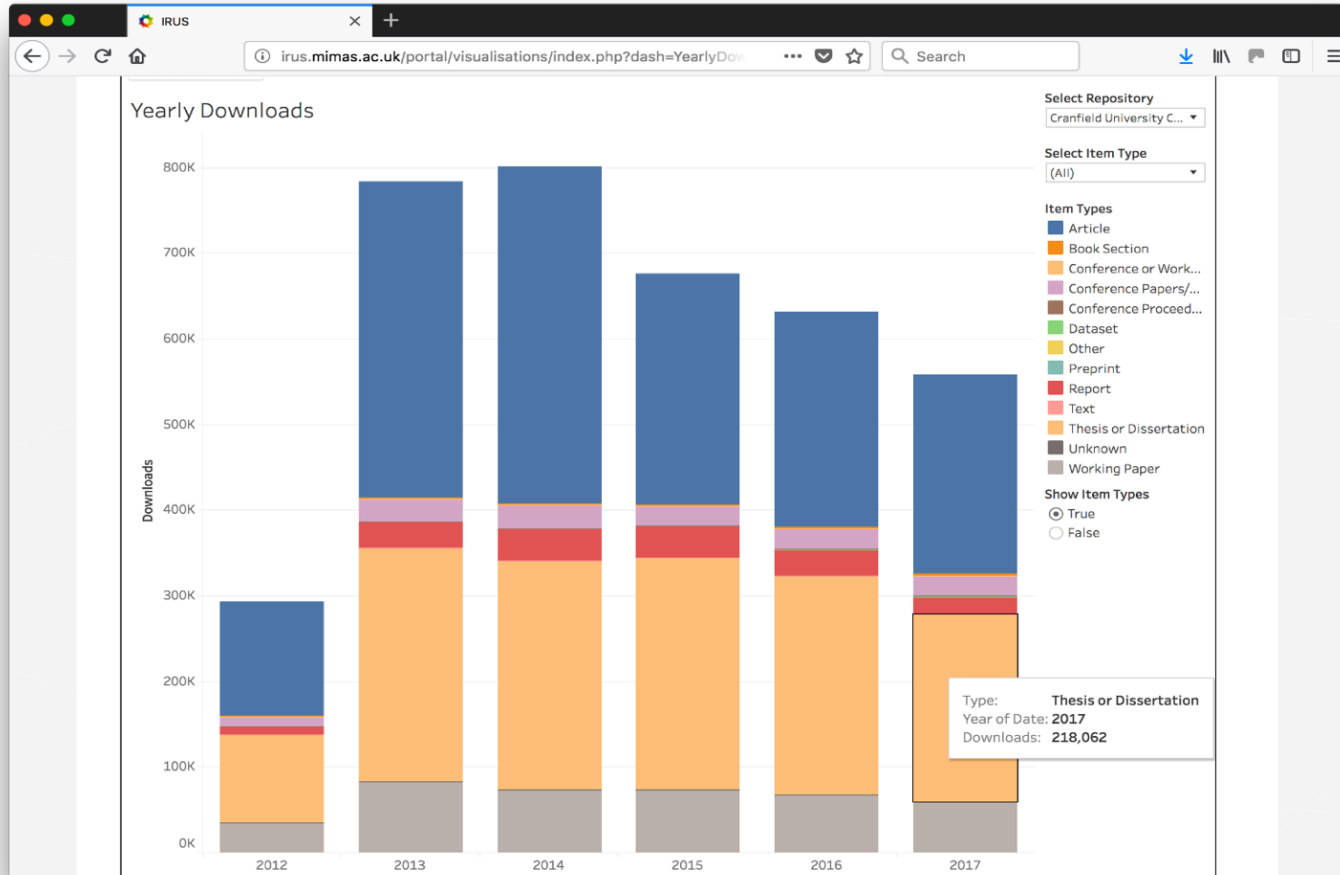
Visualisations – Downloads by Country

What's next for IRUS?

» Visualisations - Tableau

» COUNTER R5

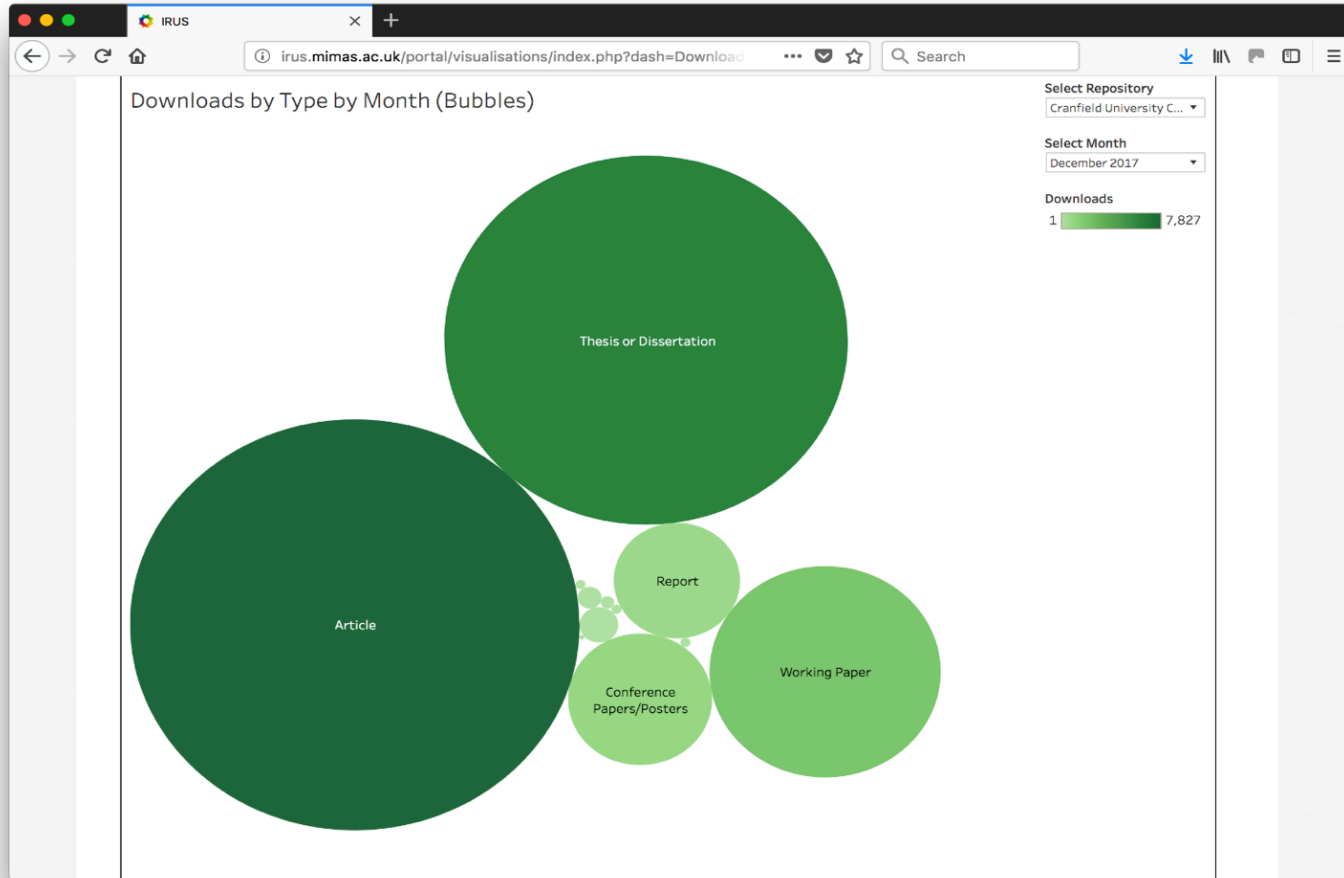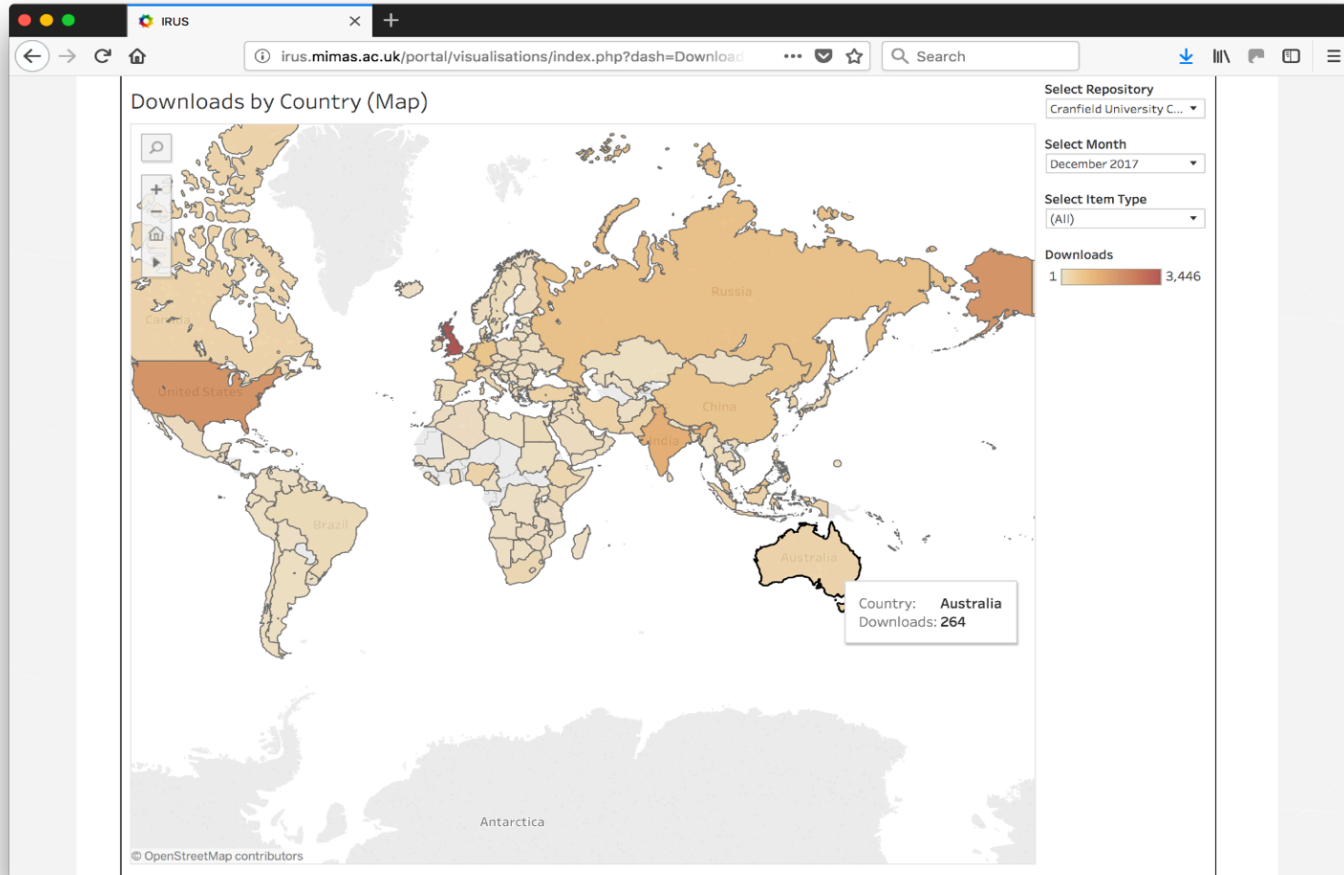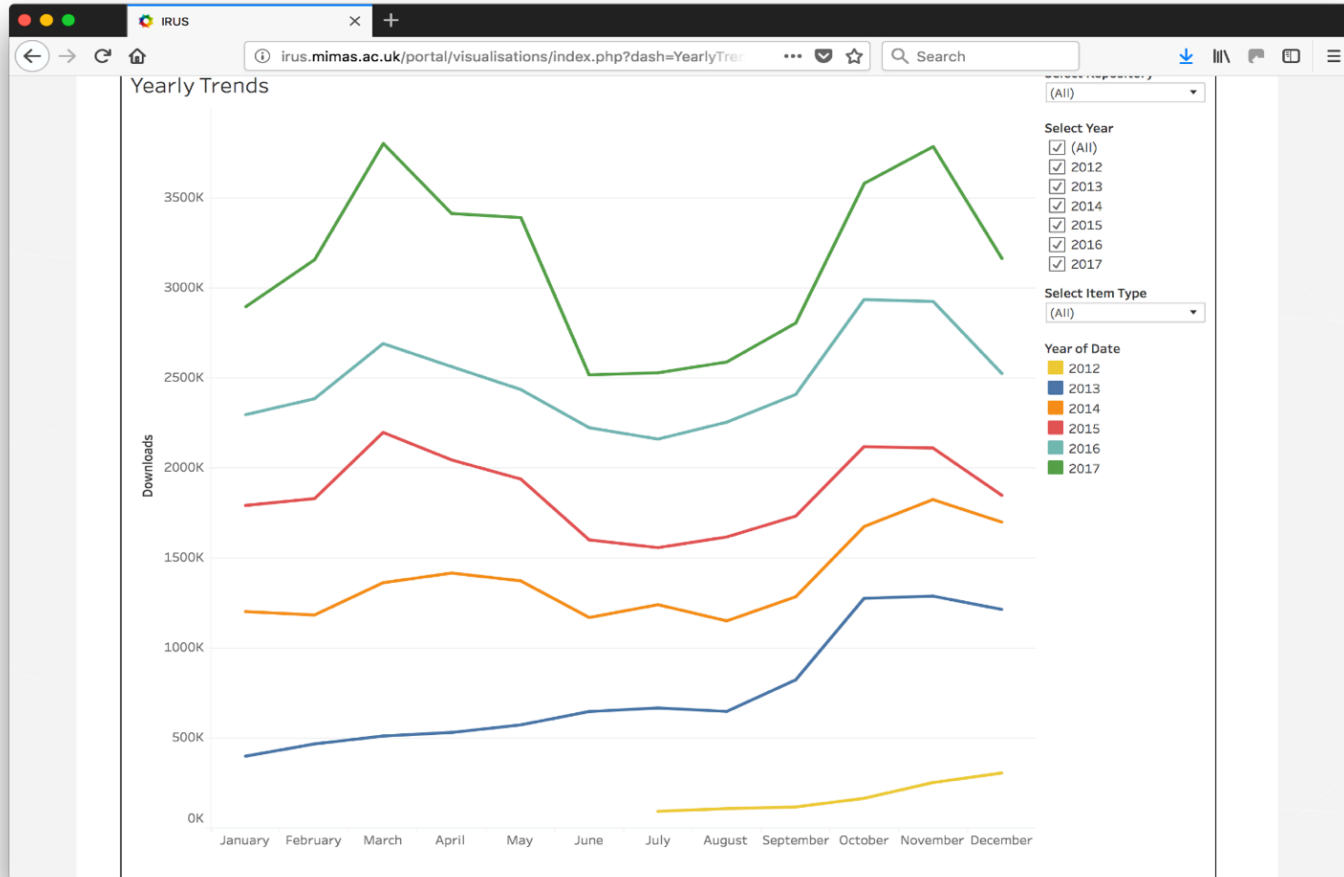» Enhanced metadata

> ORCIDs

> Funder details

» Pilot services

Data

- COUNTER-conformant
- Consistent & comparable
- Filtered to remove anomalies, robot and rogue usage

Service

- Helps identify trends and patterns of usage
- Supports comparison & benchmarking across organisations, nationally and internationally

Stakeholders & selected use cases

Repository manager	Researcher	Funders and policy makers	Suppliers of related products	International initiatives	OA publishers
I want to…					
• Identify trends and patterns in usage • Report to management • Benchmark my IR performance against a national picture	• Monitor usage and impact of my research • Report usage of my research to my funding body	• Monitor the transition to OA • Assess impact of new policies • Demonstrate impact of funded research	• Consume usage statistics for presentation in my product • Utilise Robots exclusion list as a basis for developing my stats	• Interact with a national aggregator providing a single point of transfer for usage stats	• Collate and aggregate usage stats from various platforms
Status					
Current	Current	Future	Current/future	Current	Future

IRUS-USA Pilot Questions

»Is there an appetite for a national or North American regional service like this among DLF's membership?

»Are IRUS-UK use cases broadly applicable internationally?

»Does the community see value in comparing statistics across US-based institutions? On an international basis? At "special" moments or in advocacy contexts like OA Week?

IRUS-USA Pilot Questions

» What barriers might exist to implementation/participation? Technically? In terms of demonstrating value to stakeholder communities? How could we do better?

» What assessment methods could best determine the value of a service like IRUS-USA and contribute to its optimization?

» Can we usefully align this work with DLF-AIG and wider DLF community projects and interests? (e.g. RAMP, AIG "Re-use," and DLF Dashboard projects)

» How might DLF and Jisc work together to make an IRUS-USA service sustainable?

http://bit.ly/IRUSsurvey

info@diglib.org

help@jisc.ac.uk: please mention IRUS in either the title or body of your email.