Alma Roadmap Highlights 2016-2017
Alma Analytics

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- Subject area for licenses
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Source Type added to Alma Link Resolver

	May				2016	
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- May 2016: The Source Type has been added to the Alma Link resolver subject area
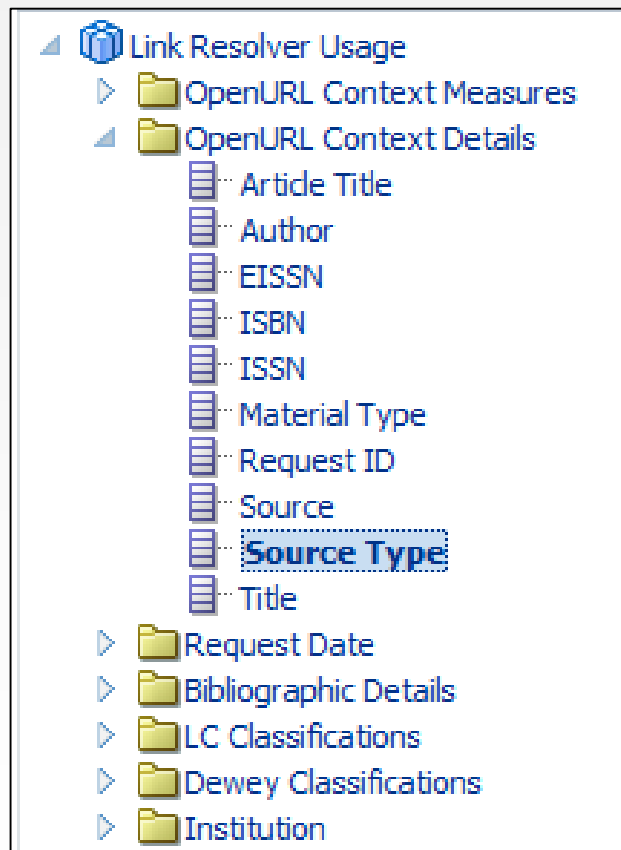- Allows the institution to gain more insightful information regarding:

A. From where the users are coming from when accessing electronic resources.
B. Which sources are most and least heavily used. This can be a significant factor in smart collection management

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Source Type added to Alma Link Resolver

- The following are the possible values for the Source Type field:

1. Alma - the link was clicked from within Alma staff user interface
2. Primo and Primo Central - the link was clicked from Primo or Primo Central
3. The source - when the link is clicked from another source, such as Web of Science, Ebsco, Pubmed, Google Scholar, and all other external sources, the name of the source is used as the source type.

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Source Type added to Alma Link Resolver

Source Type added to Alma Link Resolver

Link Resolver Usage - Top 5 Source Types by Number of Requests in the last year
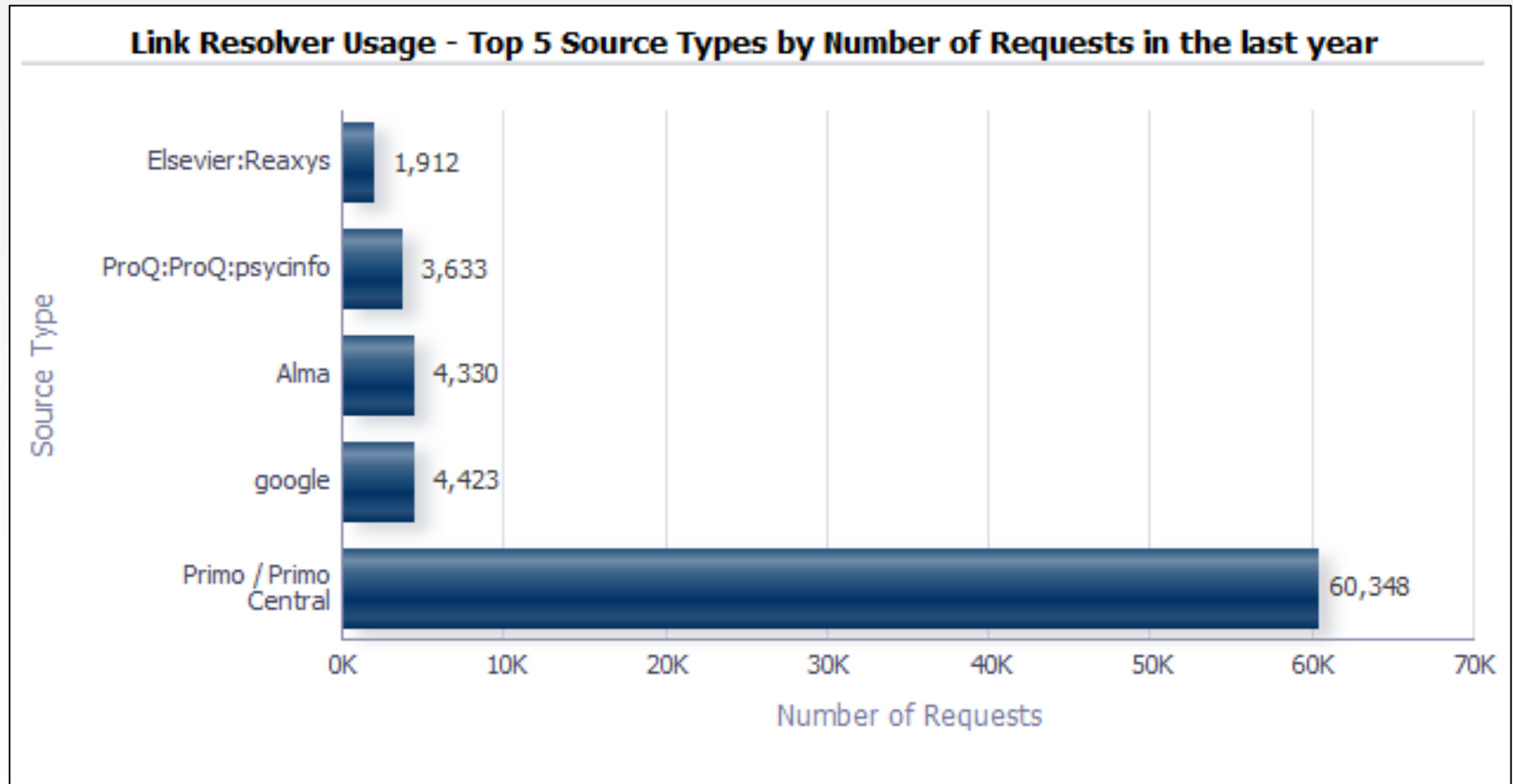
Fund Information Added to Physical Items

July						2016
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- July 2016: A NERS* Enhancement: Fund Information Added to Physical Items
- Enables reporting on fund information together with physical item information.

- Institutions can now ascertain:
1. Cost per use for physical items
2. "Effectiveness" of various funds and subject categories

* NERS is the **New Enhancements Request System** – a joint collaboration between IGeLU and ELUNA to create a tool for logging development requests for Ex Libris products, and managing voting during enhancement cycles. NERS is the way for IGeLU members to submit their enhancement requirements to Ex Libris..

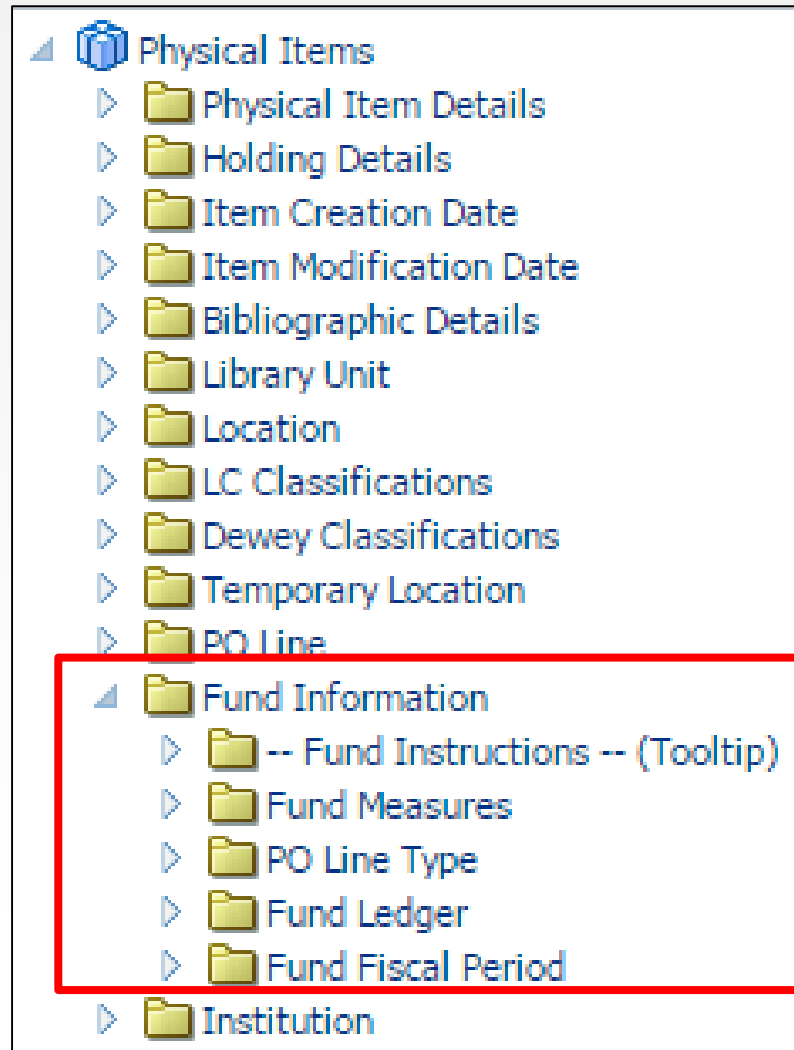# Fund Information Added to Physical Items

- There has been a need to report on fund information together with physical item information.
- Previously this information was exclusively in either the physical items subject area or the funds expenditure subject area.
- In order to enable libraries to report on both sets of data the June 2016 release includes an addition of fund information to the physical items subject area
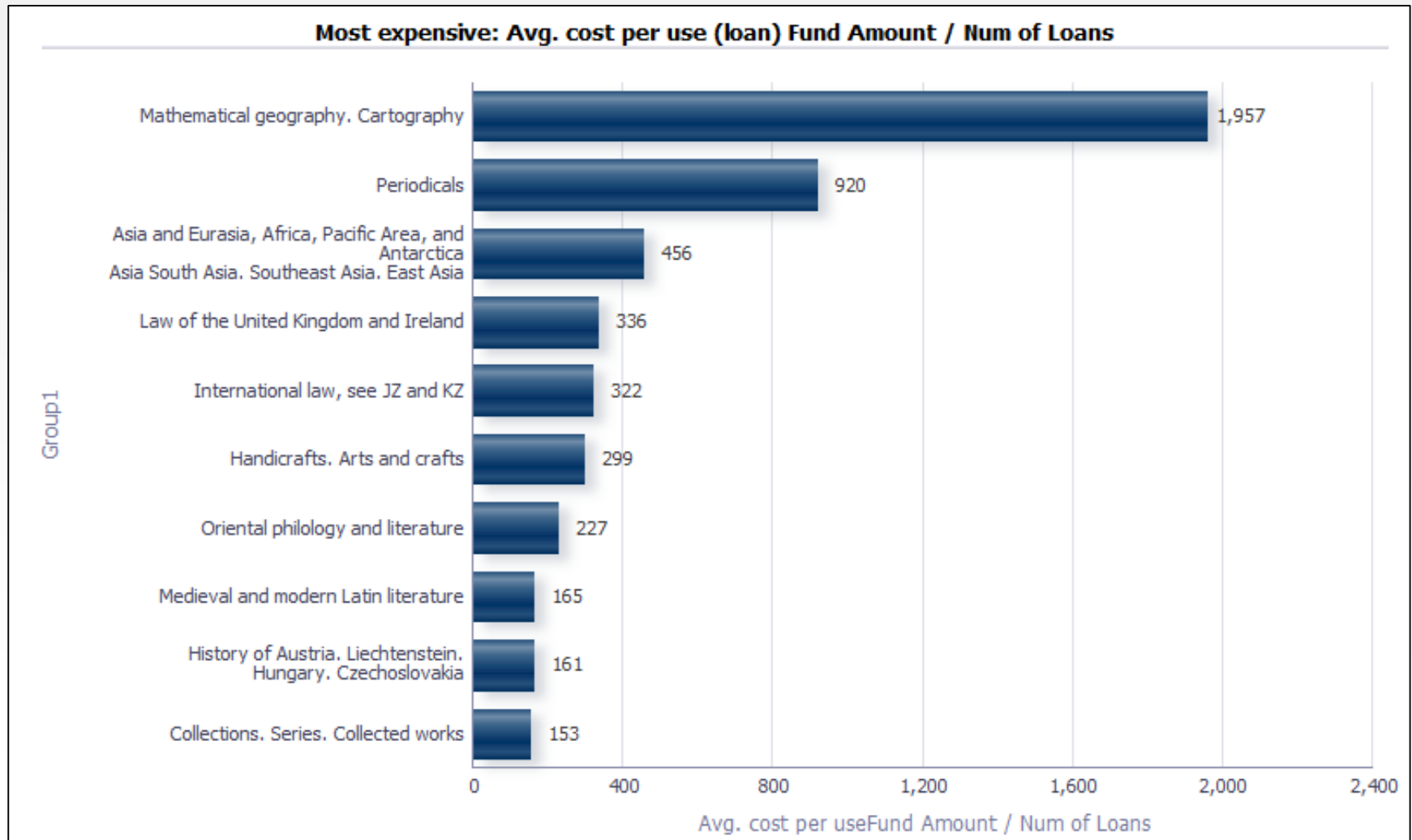
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Fund Information Added to Physical Items

- There is now a new folder called "Fund Information" in the physical items subject area
- This essentially allows the institution to acquire a "cost per use" for physical items.
- The "cost per use" for physical items can identify subjects in collection management which are very expensive to maintain as well as though subjects are that are most used and least expensive.
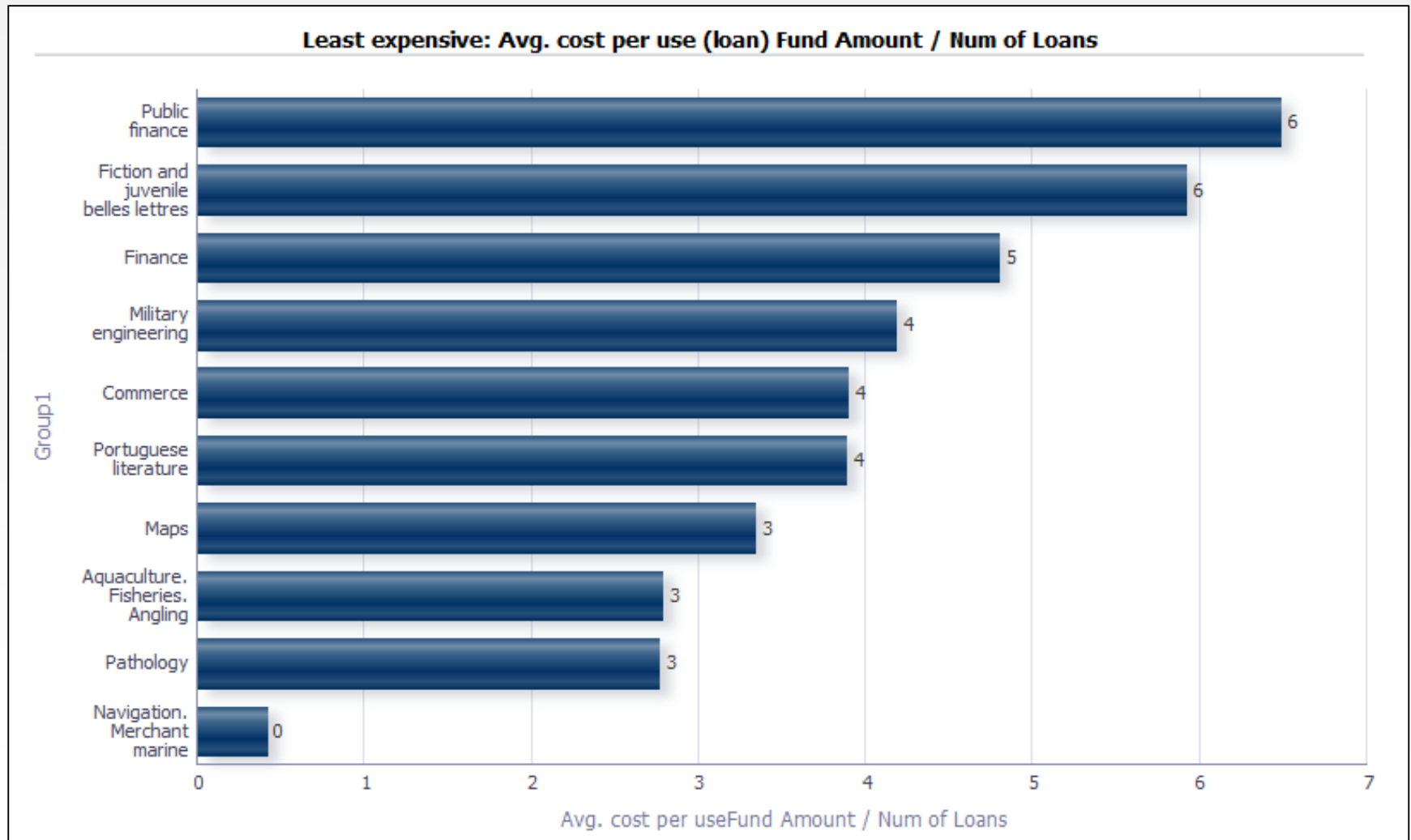- This is critical information for proper collection management

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Fund Information Added to Physical Items

Fund Information Added to Physical Items

Most expensive: Avg. cost per use (loan) Fund Amount / Num of Loans

Group1	Avg. cost per use Fund Amount / Num of Loans
Mathematical geography. Cartography	1,957
Periodicals	920
Asia and Eurasia, Africa, Pacific Area, and Antarctica Asia South Asia. Southeast Asia. East Asia	456
Law of the United Kingdom and Ireland	336
International law, see JZ and KZ	322
Handicrafts. Arts and crafts	299
Oriental philology and literature	227
Medieval and modern Latin literature	165
History of Austria. Liechtenstein. Hungary. Czechoslovakia	161
Collections. Series. Collected works	153

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Fund Information Added to Physical Items

Least expensive: Avg. cost per use (loan) Fund Amount / Num of Loans

OBIEE upgrade and increased rows for export

July					2016	
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- the Oracle Business Intelligence Enterprise Edition used by Alma Analytics is being upgraded from version 11.1.1.7 to version 11.1.1.9

- One major catalyst for this change was to increase the amount of lines which may be exported from Alma Analytics to a csv file.

- There are however several additional useful features which are introduced with this new version, and we will review some of them here.

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OBIEE upgrade and increased rows for export

Before

After
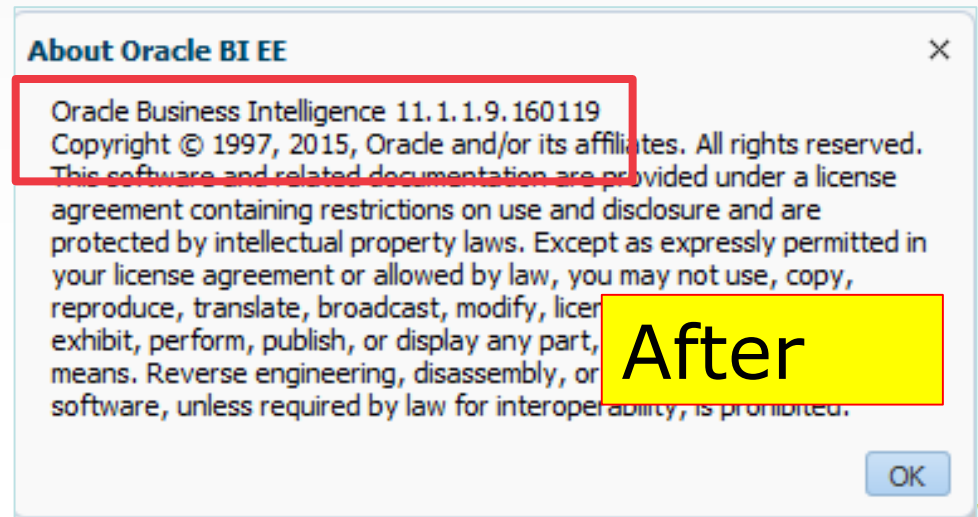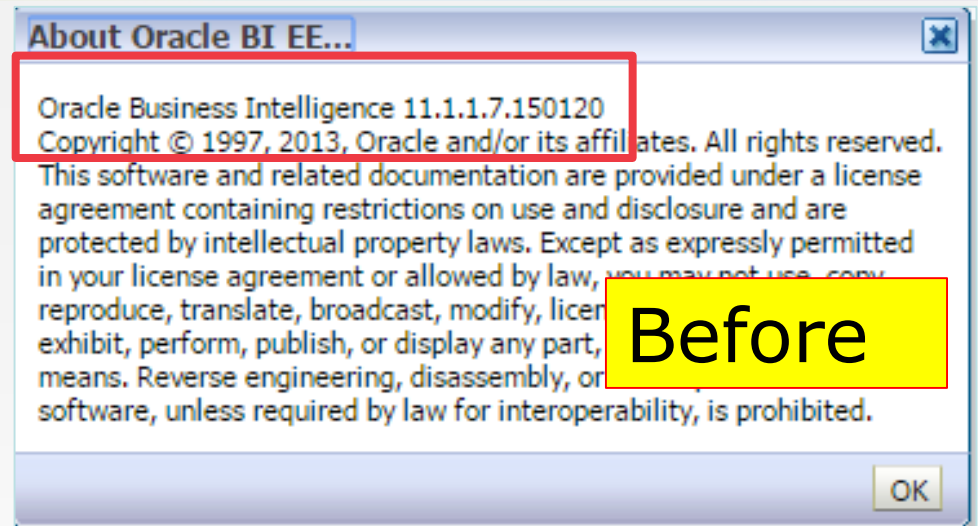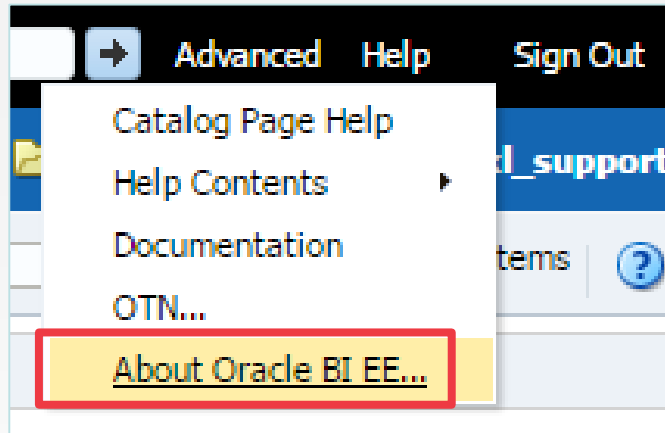
OBIEE upgrade and increased rows for export

- For details of the many new features in OBIEE 11.1.1.9 see "New features in OBI 11.1.1.9" on the Knowledge Center, as well as the recording of the "Ask the Expert" session on YouTube at https://www.youtube.com/watch?v=GHClKXu4HXI

- Here we will focus on the increased rows for export.
- Currently (as of August 2016) the increase has been done from the former 65,000 rows to 250,000 rows
- This will be gradually raised to 500,000 in the coming versions.
- This applies to csv format
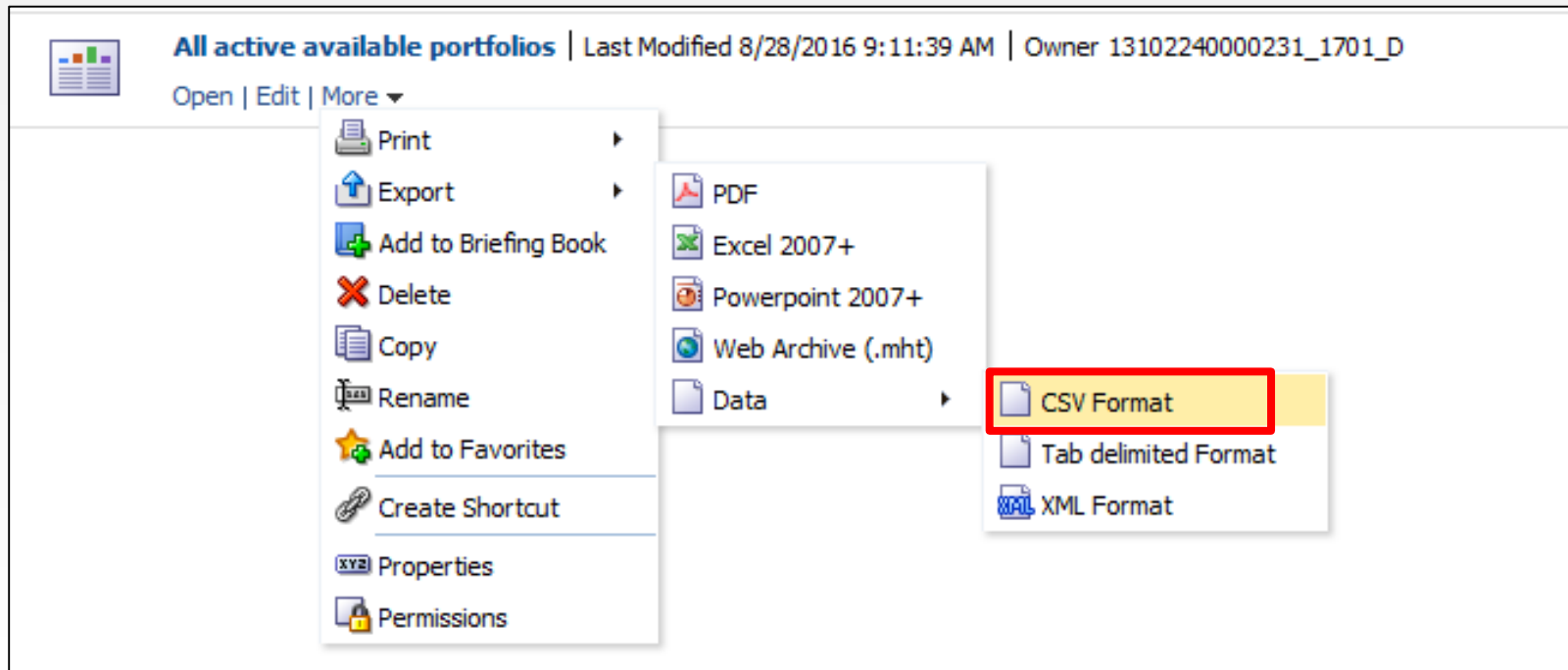
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OBIEE upgrade and increased rows for export

OBIEE upgrade and increased rows for export
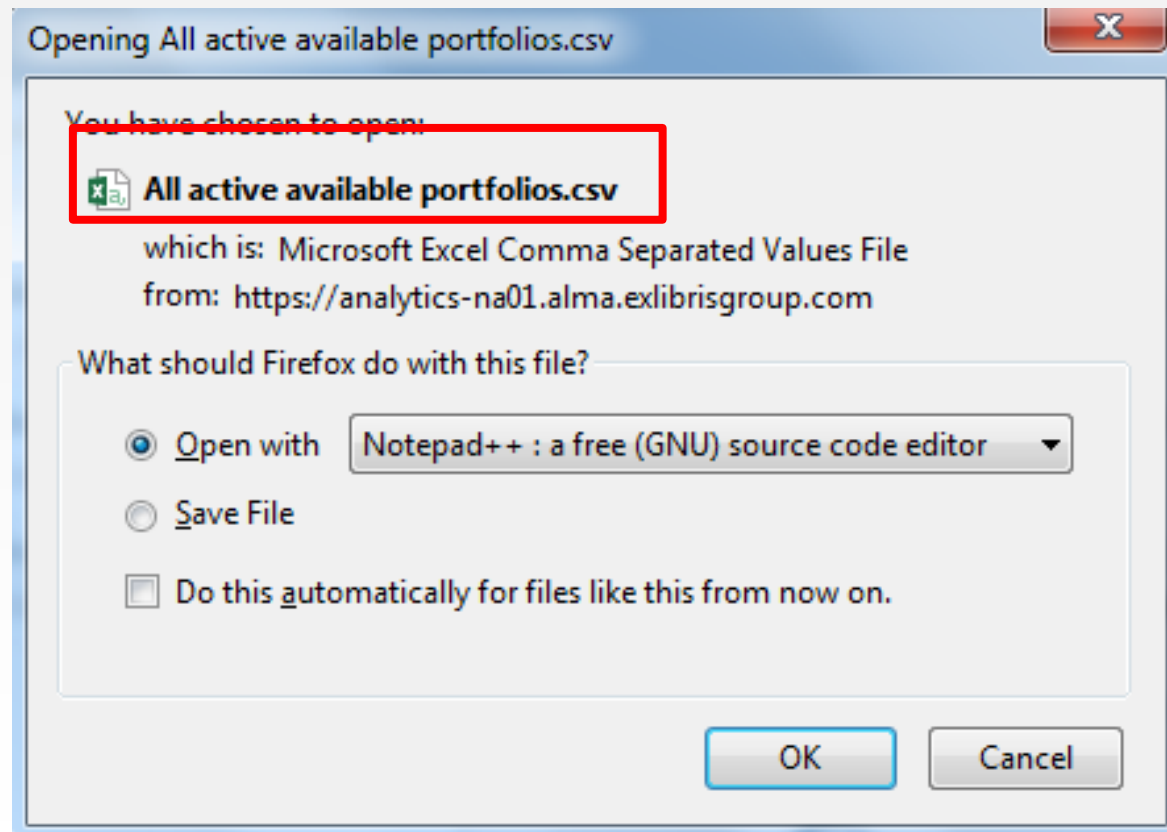
OBIEE upgrade and increased rows for export

```
249992  1,,Mollison's blood transfusion in clinical medicine /,
249993  2,,"Molluscan fossils and stratigraphic descriptions from the Upper Cretaceous
249994  1,,Molluscan paleontology of the Chesapeake Miocene /,
249995  1,,"Mollusks taken by beam trawl in the vicinity of Gray's Reef National Marine
249996  3,,"Molly Astore, to which is added, The breeches. Shawn a Glana. The coughing
249997  1,,Molly Ivins : a rebel life /,
249998  3,,Molly Mogg : or the fair maid of the inn. By Mr. Gay.,
249999  3,,Molly Rover. A new song.,
250000  3,,Molly Whan.,
250001  3,,Molly White: or the bride bewitched. A tale. By D. Kelly Esq.,
```

250,000 rows (+ 1 row for the column header)

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OBIEE upgrade and increased rows for export

249993	2	Molluscan fossils and stratigraphic descriptions from the Upper Cre
249994	1	Molluscan paleontology of the Chesapeake Miocene /
249995	1	Mollusks taken by beam trawl in the vicinity of Gray's Reef Nationa
249996	3	Molly Astore, to which is added, The breeches. Shawn a Glana. The
249997	1	Molly Ivins : a rebel life /
249998	3	Molly Mogg : or the fair maid of the inn. By Mr. Gay.
249999	3	Molly Rover. A new song.
250000	3	Molly Whan.
250001	3	Molly White: or the bride bewitched. A tale. By D. Kelly Esq.

250,000 rows (+ 1 row for the column header)

"Available For" Added to E-Inventory Subject Area

August 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- By reporting with the new Available For Group settings attributes in the E-Inventory subject area, the institution can get a more accurate and in-depth analysis of the electronic inventory

- Information regarding the availability of the resources across libraries and campuses, coupled with the already existing wide variety of fields, can provide key decision makers with all the information they require.

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"Available For" Added to E-Inventory Subject Area

"Available For" Added to E-Inventory Subject Area

"Available For" Added to E-Inventory Subject Area

Southern Campus	Downtown	GE Campus	YVS Campus	LC Classification Group
8,409	37,831	37,238	8,266	Mathematics
3,726	4,640	4,192	3,624	Medicine (General)

Number of active portfolios by "available for" groups for Mathematics and Medicine
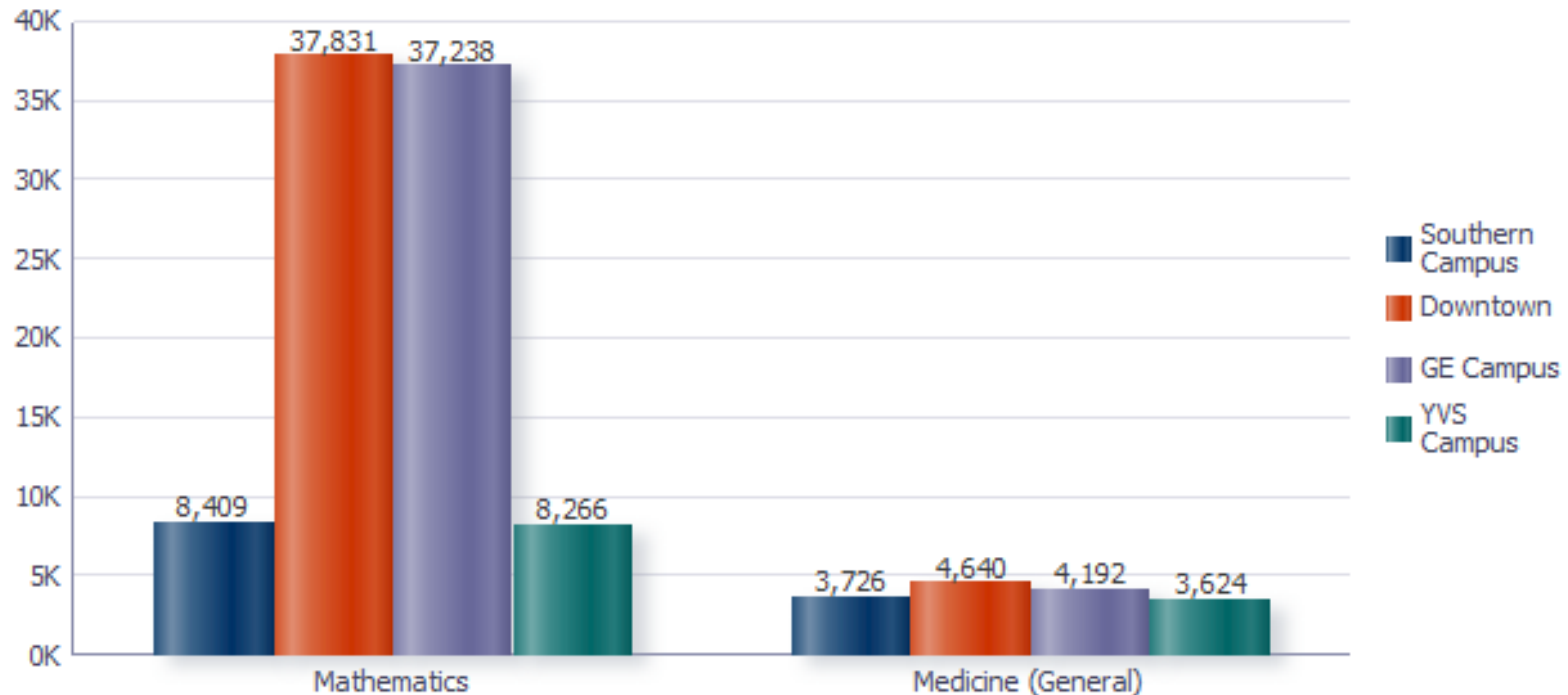
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"Available For" Added to E-Inventory Subject Area

Southern Campus	Downtown	GE Campus	YVS Campus
393,319	1,253,908	798,285	894,048

Number of active portfolios by "available for" groups
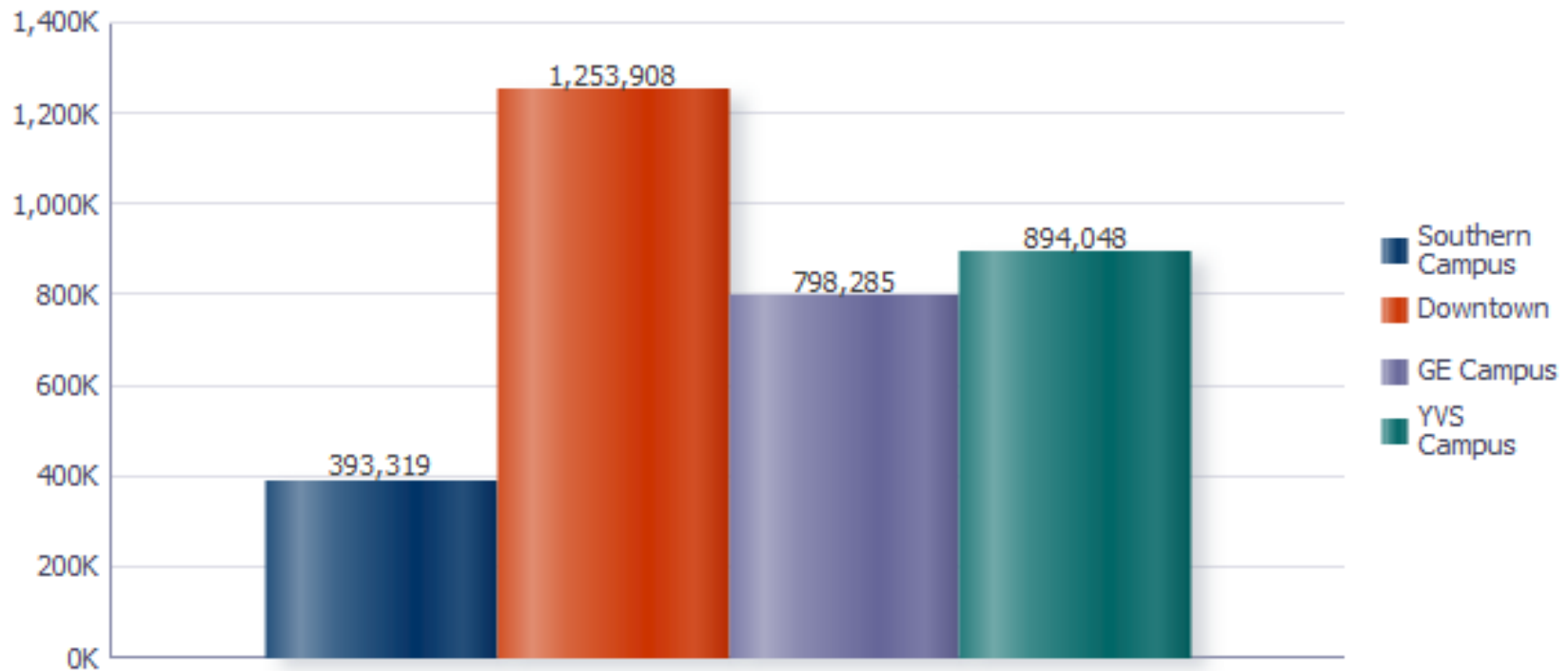
New default reports and dashboards

- Several new default reports and dashboards for several user cases enabling the library to make data based decisions.
- Many reports are inspired by those developed for Intota assessment.

https://www.123freevectors.com/free-vector-2016-calendar-november/

New default reports and dashboards

▷ 📁 Cost per use via COUNTER reports and acquisitions data (*New*)
▷ 📁 Electronic Resource Collection Overlap (*New*)
▷ 📁 Physical Item Usage for Weeding (*New*)
▷ 📁 Usage via Alma Link Resolver (*New*)
▷ 📁 Usage via COUNTER reports (*New*)
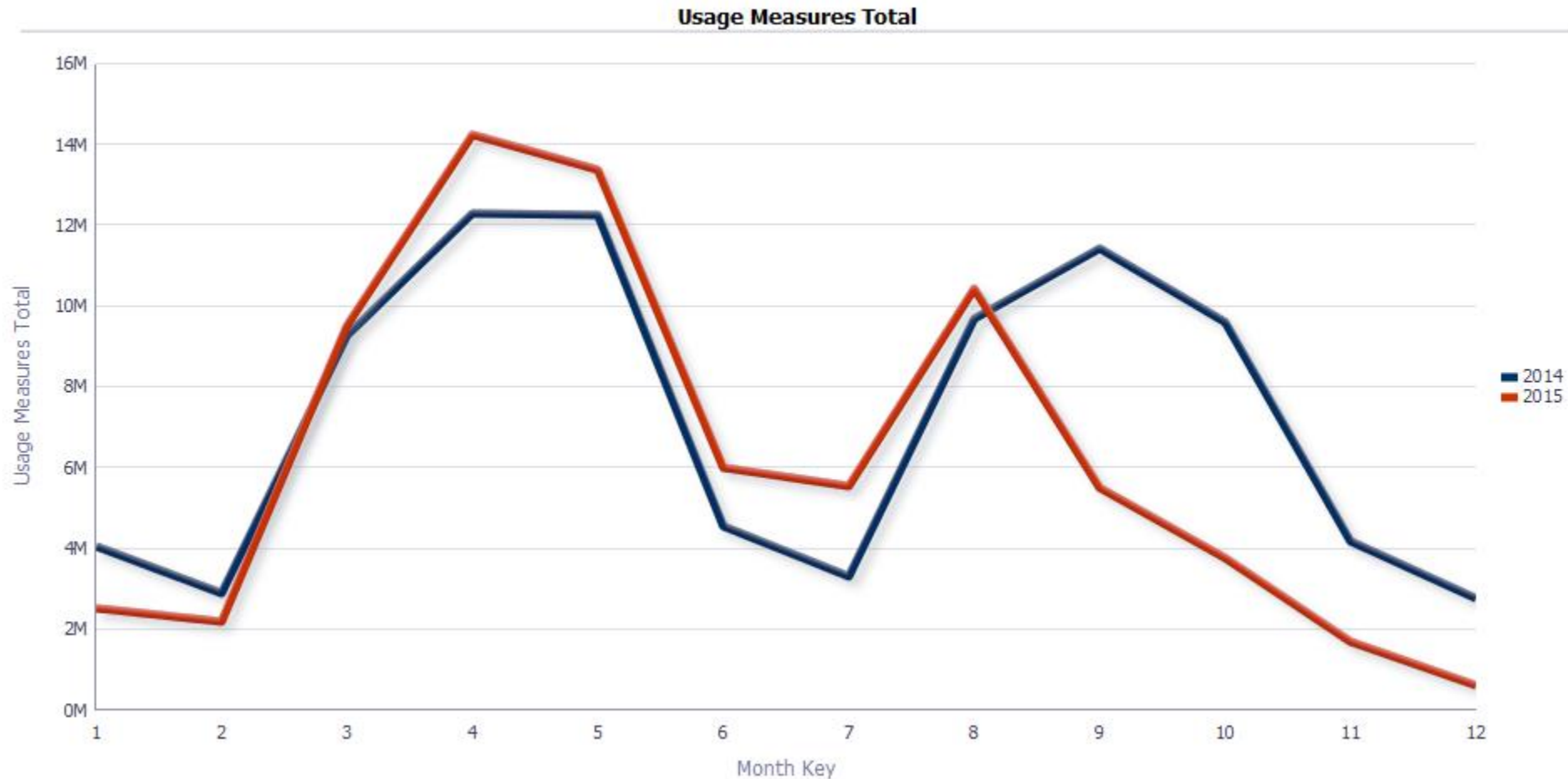▷ 📁 Vendor analysis - physical one time (*New*)

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New default reports and dashboards

09. Usage Data - Databases - top 5 searches in database by publisher in the previous calendar year
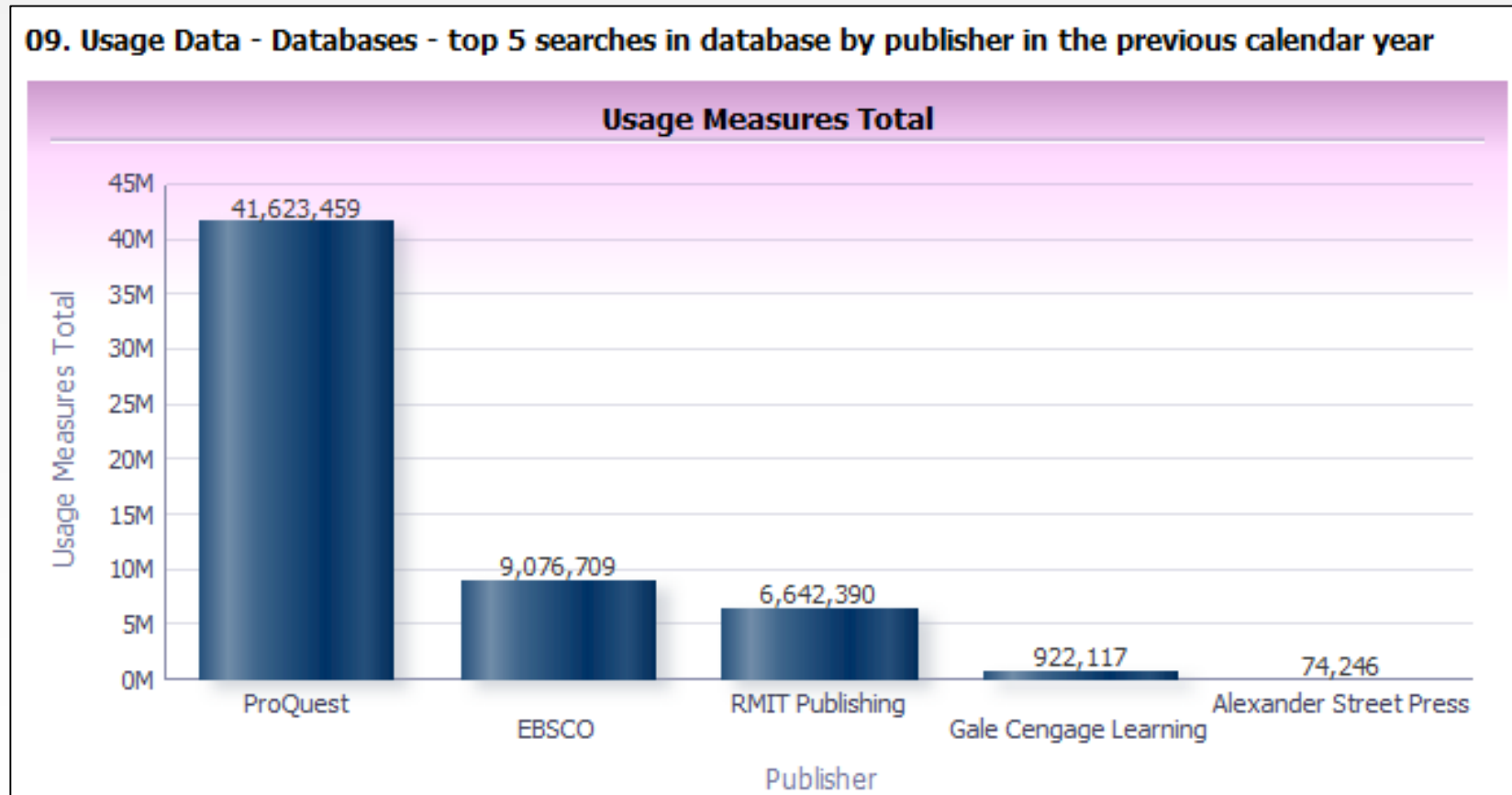
Electronic usage from COUNTER reports
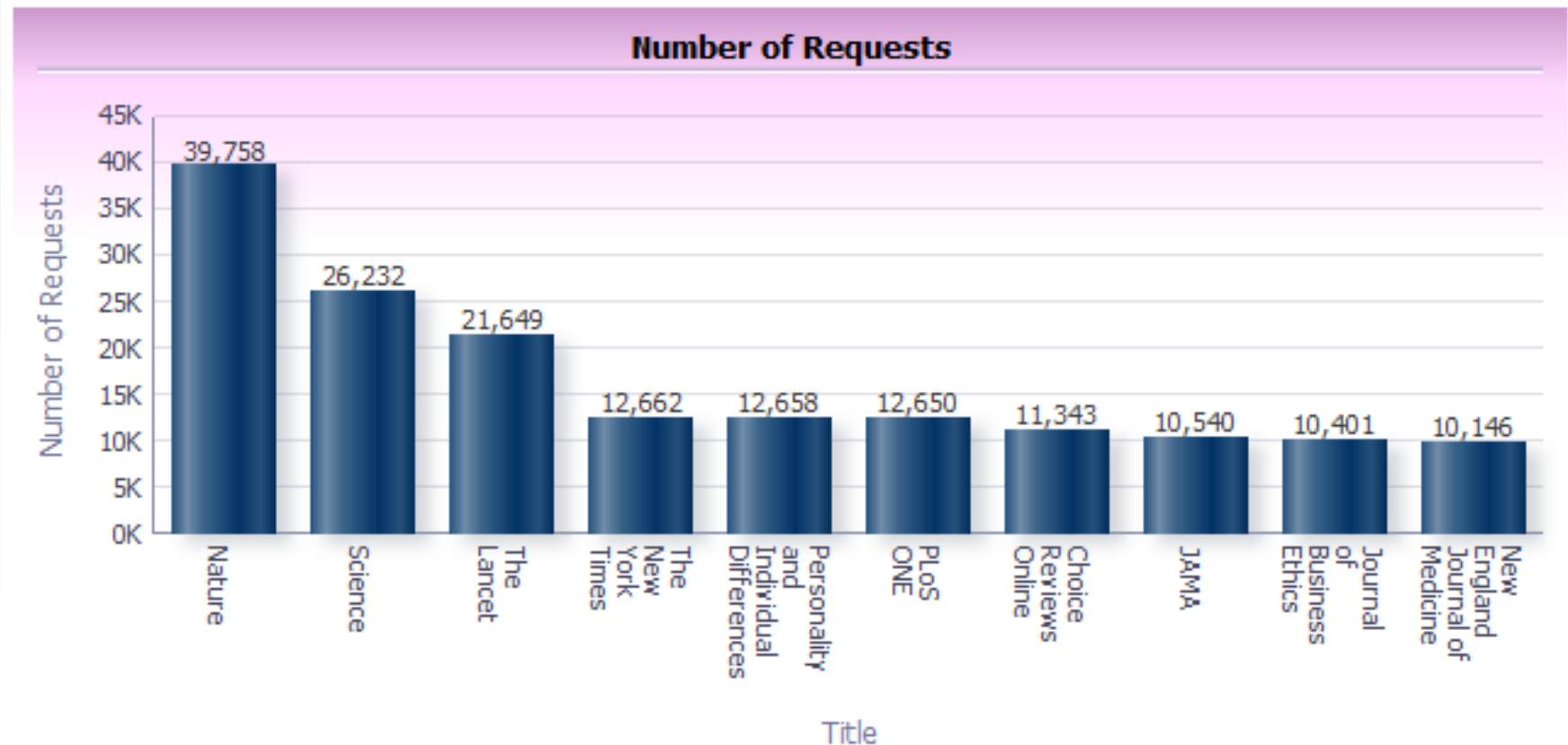
New default reports and dashboards

14. Usage Data - Trends by month for the previous two calendar years - all measures combined

Electronic usage from COUNTER reports
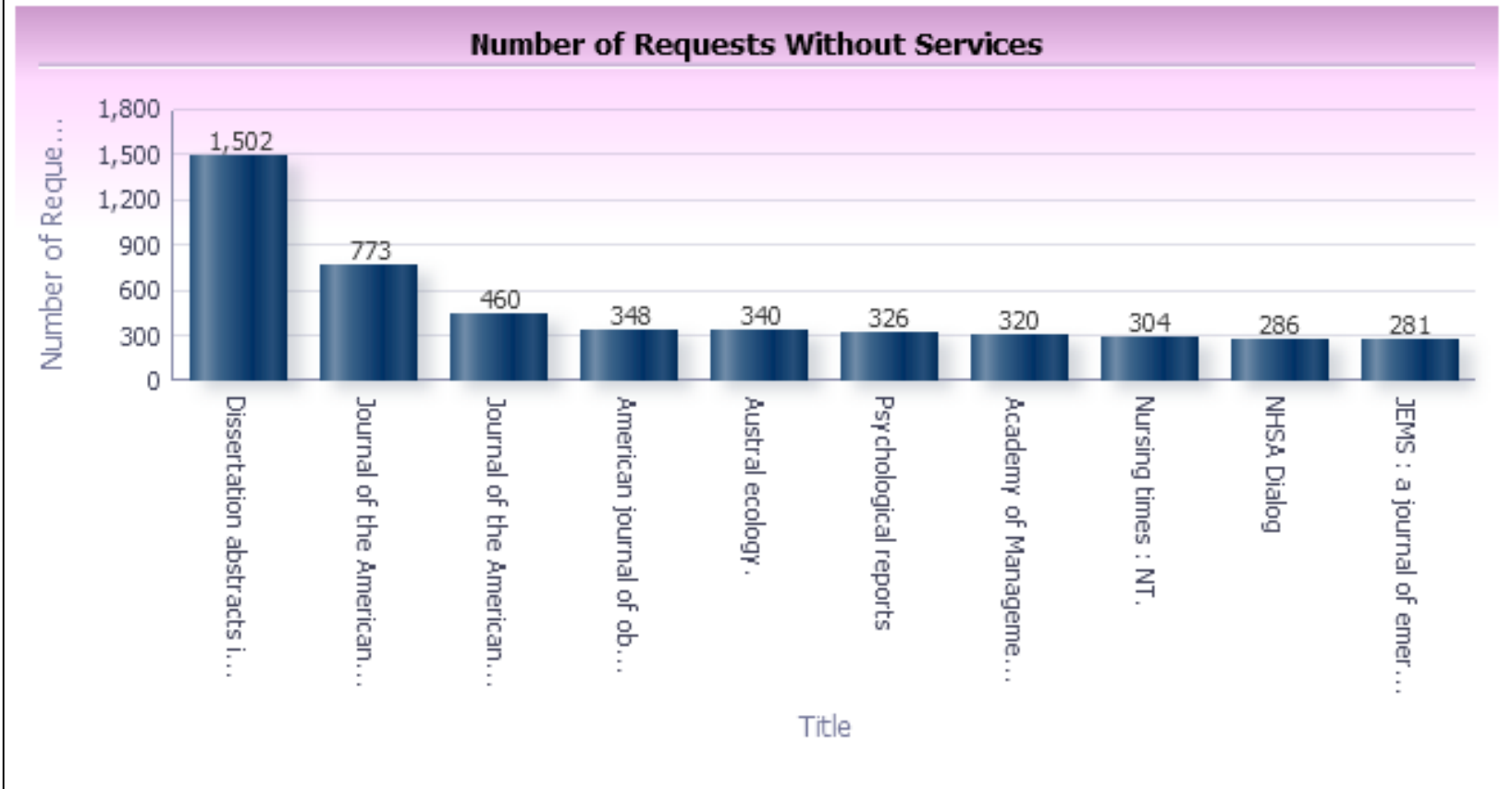
New default reports and dashboards

1. Top ten title accesses via OpenURL requests in the previous year

Number of Requests

Electronic usage from Alma Link Resolver

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New default reports and dashboards

2. Top ten title accesses via OpenURL requests without services in the previous year

Number of Requests Without Services

Bar chart values by Title:
- Dissertation abstracts i...: 1,502
- Journal of the American...: 773
- Journal of the American...: 460
- American journal of ob...: 348
- Austral ecology.: 340
- Psychological reports: 326
- Academy of Manageme...: 320
- Nursing times : NT.: 304
- NHSA Dialog: 286
- JEMS : a journal of emer...: 281

Y-axis: Number of Reque... (0 to 1,800)
X-axis: Title

Electronic usage from Alma Link Resolver

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New default reports and dashboards

Active portfolios in multiple collections with prompt for number of collections

Portfolio Title	Electronic Collection Public Name	Number of Electronic Collections
A journal of church and state	Gale Cengage Academic OneFile	12
	Gale Cengage Expanded Academic ASAP	12
	Gale Cengage LegalTrac	12
	HeinOnline Law Journal Library	12
	JSTOR Arts & Sciences XIII	12
	Oxford University Press Humanities Archive	12
	Oxford University Press Law Archive	12
	Oxford University Press Social Science Archive	12
	ProQuest Central	12
	ProQuest PAO Periodicals Archive Online Collection 7	12
	ProQuest Religion	12
	ProQuest Research Library	12
ABA banking journal.	EBSCOhost Business Source Complete	9
	Gale Cengage Academic OneFile	9
	Gale Cengage Expanded Academic ASAP	9
	ProQuest ABI/INFORM Complete	9
	ProQuest ABI/INFORM Global	9
	ProQuest ABI/INFORM Trade & Industry	9
	ProQuest Accounting and Tax Database	9
	ProQuest Banking Information Source	9
	ProQuest Central	9

Portfolios in multiple collections (overlap analysis)

New default reports and dashboards

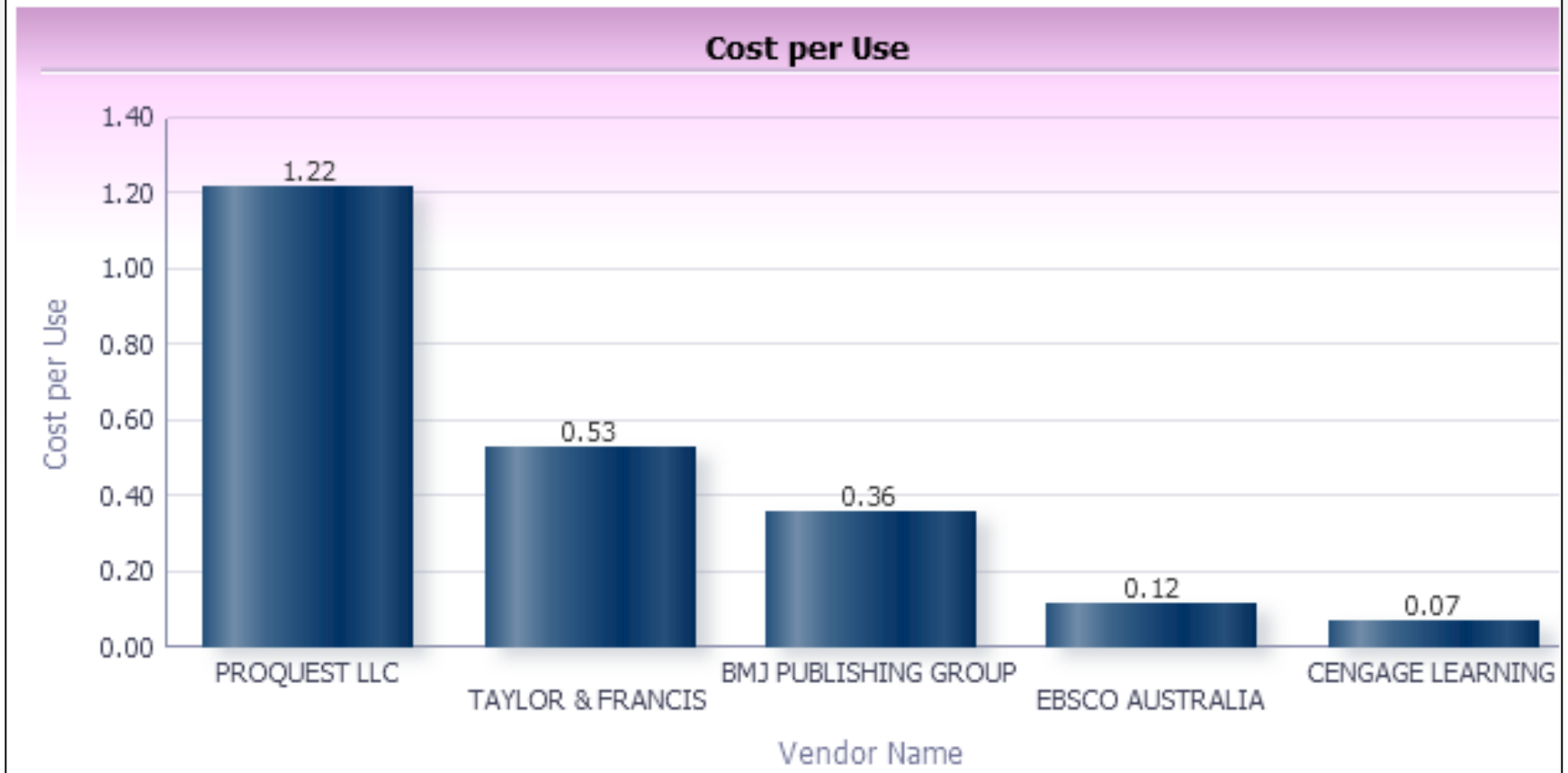3. Five most expensive vendors (orders with highest highest cost per use) for previous calendar year
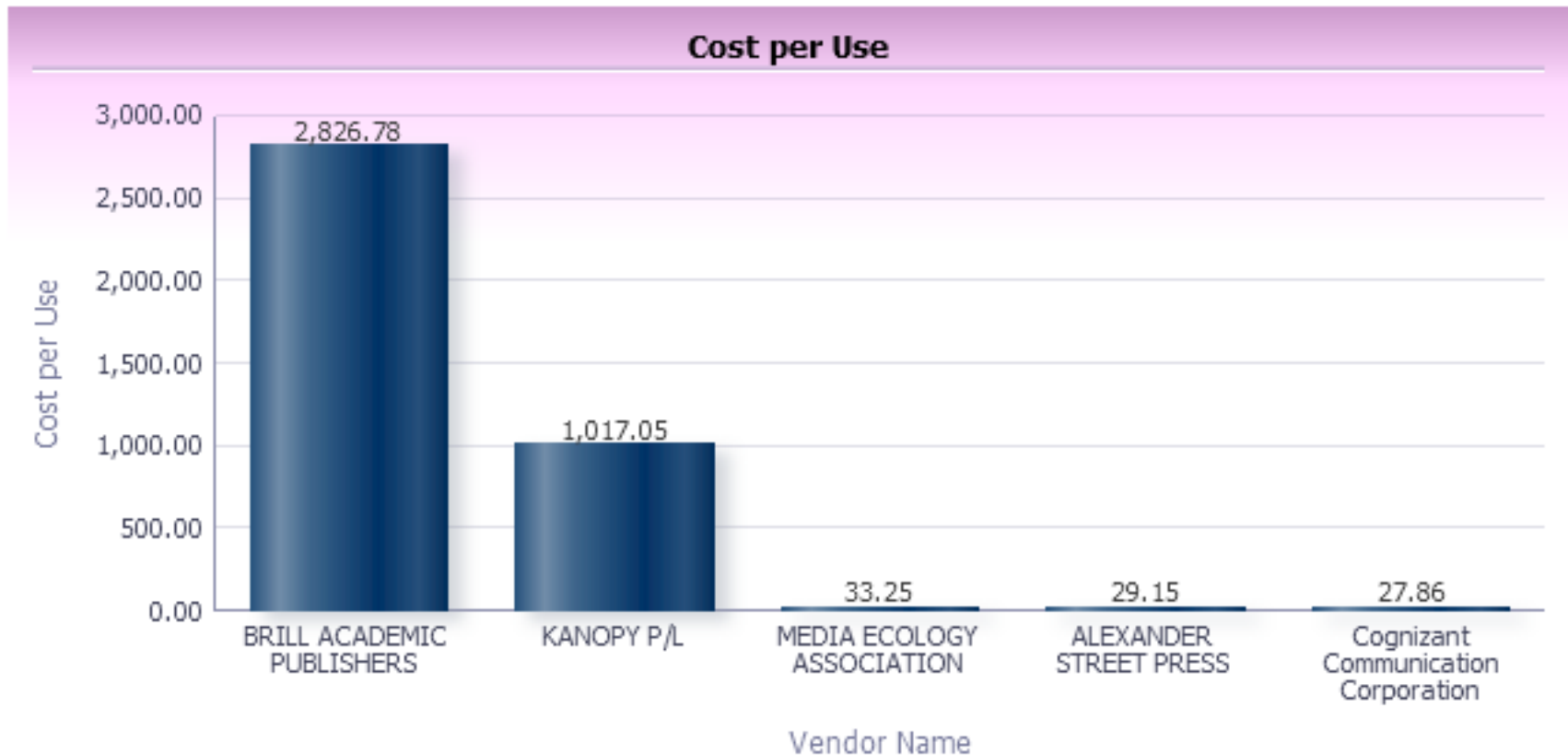
Cost per Use

Cost Per Use

New default reports and dashboards

4. Five least expensive vendors (orders with lowest cost per use) for previous calendar year

Cost Per Use
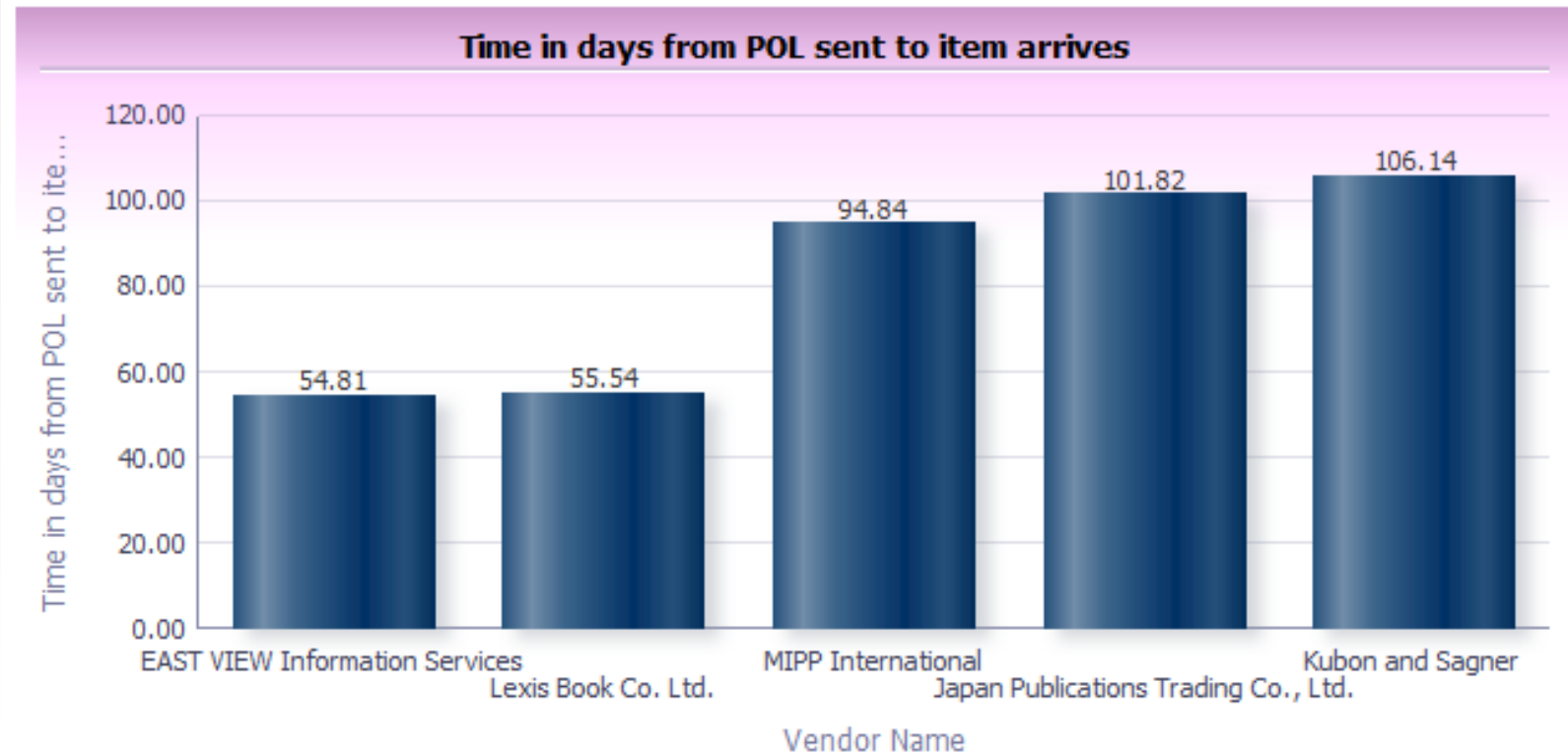
New default reports and dashboards

1. The five fastest - Average time in days from POL sent to item arrived in previous year for non-continuous orders by vendor for vendors who made 20 or more orders in the last year

Time in days from POL sent to item arrives
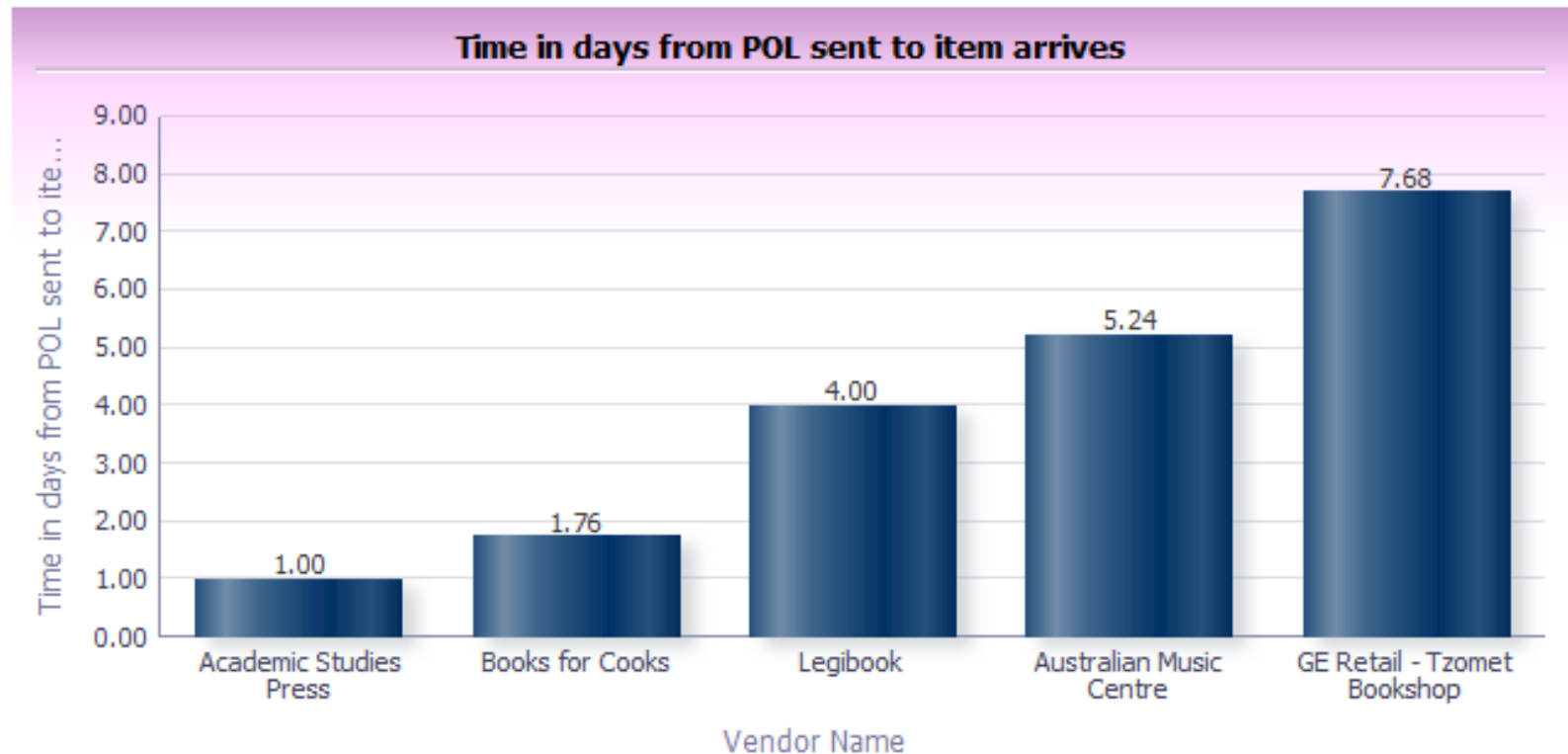
Vendor Analysis

New default reports and dashboards

2. The five slowest - Average time in days from POL sent to item arrived in previous year for non-continuous orders by vendor for vendors who made 20 or more orders in the last year

Time in days from POL sent to item arrives

Vendor Analysis

New default reports and dashboards

3. Items in library at least five years and never loaned in last five years with prompt for library name

Library Name	Location Name	Title (first 60 characters)	Barcode	Permanent Call Number
GE Library	CDs	Australian orchid genera an information and identification s	33168028492011	584.40994 J76A 2006
		Australian tropical rain forest plants trees, shrubs and vin	33168028492219	581.7340994 H996A 2003
		Beetles of the world	33168028522742	595.76 L421B 2002
		Conference on the International Patent System Conférence su	33168027592654	346.0486 C748 2002
		Families of flowering plants of Australia an interactive ide	33168028490056	582.13012 T431F 2001
		Freshwater and estuarine molluscs an interactive, illustrate	33168028728810	594.30994 P796F 2000
		Highway 61 revisited	33168028524797	782.42166 D996H 2000
			33168028524805	782.42166 D996H 2004
		Integrated governance linking up government, business and ci	33168027436761	351 C748 2004
		Lake Mungo window to Australia's past /	33168029657323	994.4801 B787L 2002
		Media control the spectacular achievements of propaganda /	33168027270012	303.375 C548M 2005
		Mites in soil an interactive key to mites and other soil mic	33168028523013	595.42 W231M 2001
		Modern times	33168028524771	782.42166 D996M 2006
			33168028524789	782.42166 D996M 2006
		Musical illusions and paradoxes	33168028525802	781.11 D486P 1995

Physical item usage reports for weeding

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Title level subject area

2017 Calendar

- 2017: One subject area will contain information on all bibliographic records regardless of type of inventory

- Will include bibliographic records and an inventory indicator as follows
  - A. No inventory
  - B. Physical Inventory (Num of items)
  - C. Electronic Inventory (Num of portfolios)
  - D. Digital Inventory (at a later stage)

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Title level subject area

- The subject area will also include the
  1) Normalized title
  2) Normalized ISBN
  3) Normalized ISSN

- By using a combination of these normalized fields together with the inventory indicator it will be possible to do a "duplicate title analysis".

- The "duplicate title analysis" will be able to retrieve all titles with
  - Inventory of both types physical and electronic
  - Inventory duplicates of the same type (multiple physical copies or multiple electronic portfolios)

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Title level subject area

- The following three measures, relevant for physical inventory, will also be included:
1. Num of loans – Total,
2. Num of loans – Last Year,
3. Num of loans – Last 30 Days

- In this way it will be possible to know not only which physical items also exist in electronic format but also if these physical items have been used (maybe they also exist electronically but patrons want to use the physical).

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Title level subject area

- The following three measures, relevant for electronic inventory, will also be included:
1. Num of link resolver requests – Total,
2. Num of link resolver requests – Last Year,
3. Num of link resolver requests – Last 30 Days

- The Number of link resolver requests will be taken from the "OpenURL Context Measures" folder in the "Link Resolver Usage" subject area.
- In this way it will be possible to know not only which physical items also exist in electronic format but also the relevance of these electronic titles.

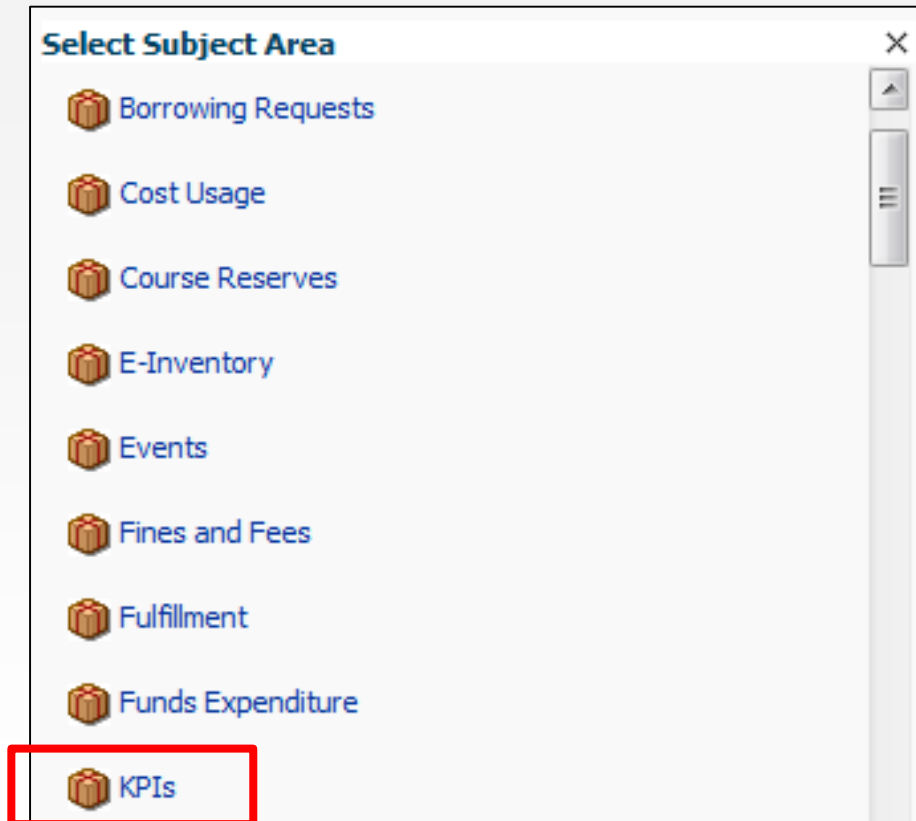# System generated KPIs for Benchmark Analytics

2017 Calendar

| January 2017 | February 2017 | March 2017 | April 2017 |

(2017 calendar image with all twelve months)

- System generated KPIs will be in a new dedicated subject area.
- These KPIs will be able to be used for comparative benchmark analytics

- Each institution will be able to use KPIs from their institution to compare their performance against other institutions.
- The "other institutions" will be able to be chosen based on a similar institutional profile.
- All data and institution names will be completely anonymized.

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System generated KPIs for Benchmark Analytics

System generated KPIs for Benchmark Analytics

- KPIs
  - KPI Measures
    - Inventory KPIs
      - Number of Active Physical Items
      - Number of Bibliographic Records
      - Number of Electronic Portfolios
    - Acquisition KPIs
      - Physical - Average days from POL creation to sent
      - Physical - Average days from POL sent to item arrival
      - Physical - Average days from POL creation to item arrival
      - Physical - Median days from POL creation to sent
      - Physical - Median days from POL sent to item arrival
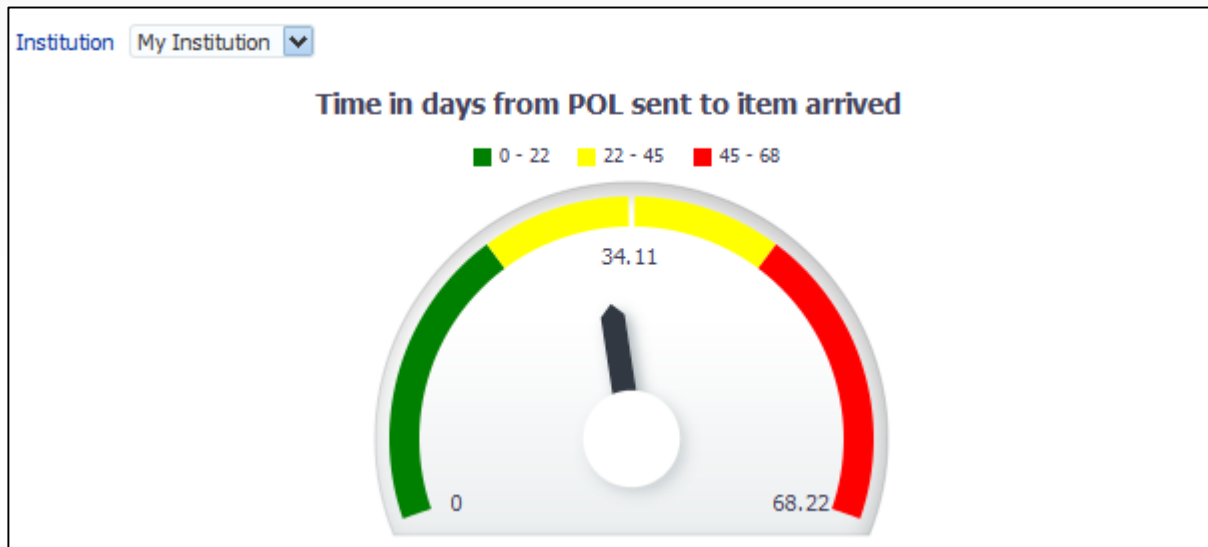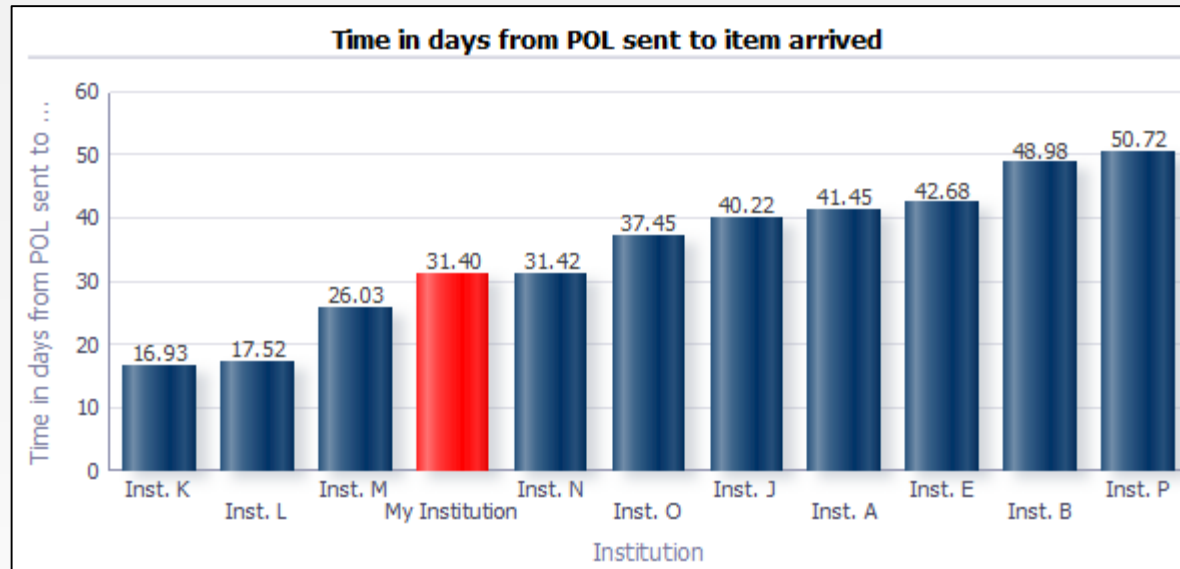   - Physical - Median days from POL creation to item arrival
      - Electronic Portfolio - Average days from POL creation to sent
      - Electronic Portfolio - Average days from POL sent to portfolio activation
      - Electronic Portfolio - Average days from POL creation to portfolio activation
      - Electronic Portfolio - Median days from POL creation to sent
      - Electronic Portfolio - Median days from POL sent to portfolio activation
      - Electronic Portfolio - Median days from POL creation to portfolio activation
      - Electronic Collection - Average days from POL creation to sent
      - Electronic Collection - Average days from POL sent to collection activation
      - Electronic Collection - Average days from POL creation to collection activation
      - Electronic Collection - Median days from POL creation to sent
      - Electronic Collection - Median days from POL sent to collection activation
      - Electronic Collection - Median days from POL creation to collection activation
    - Fulfillment KPIs
  - Institution Profile Attributes
  - Institution Measures Profile
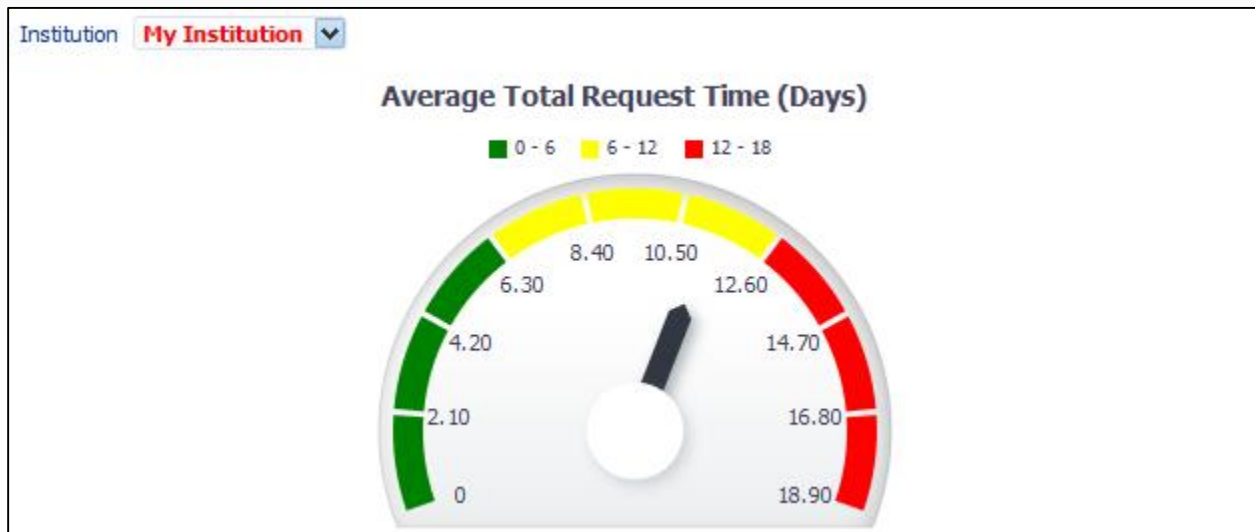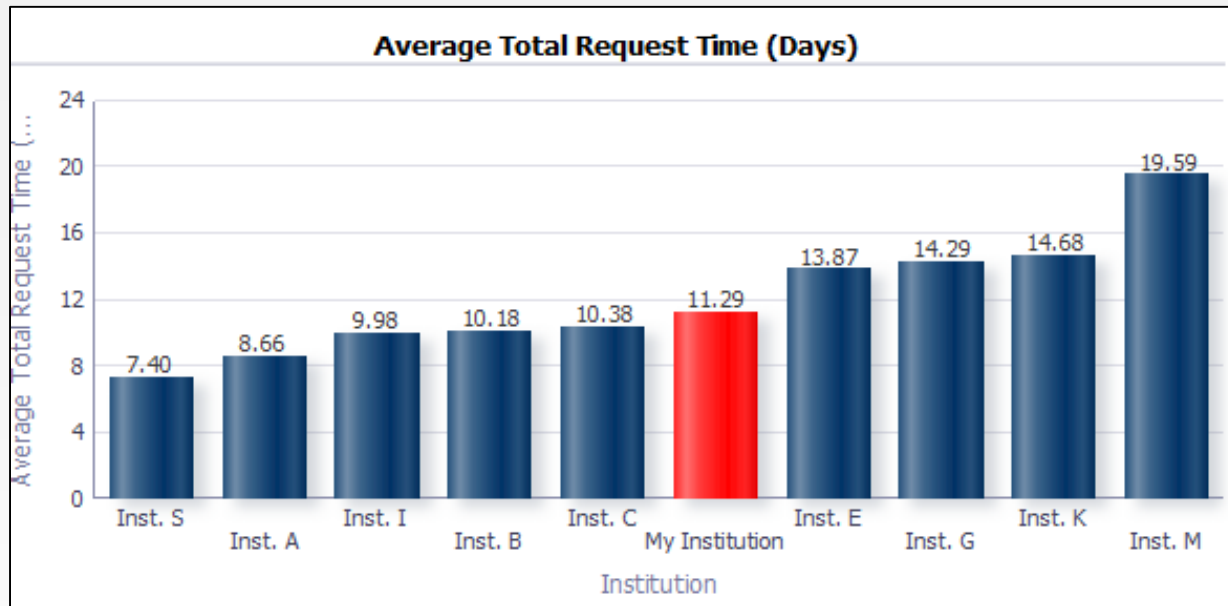 - KPI Date

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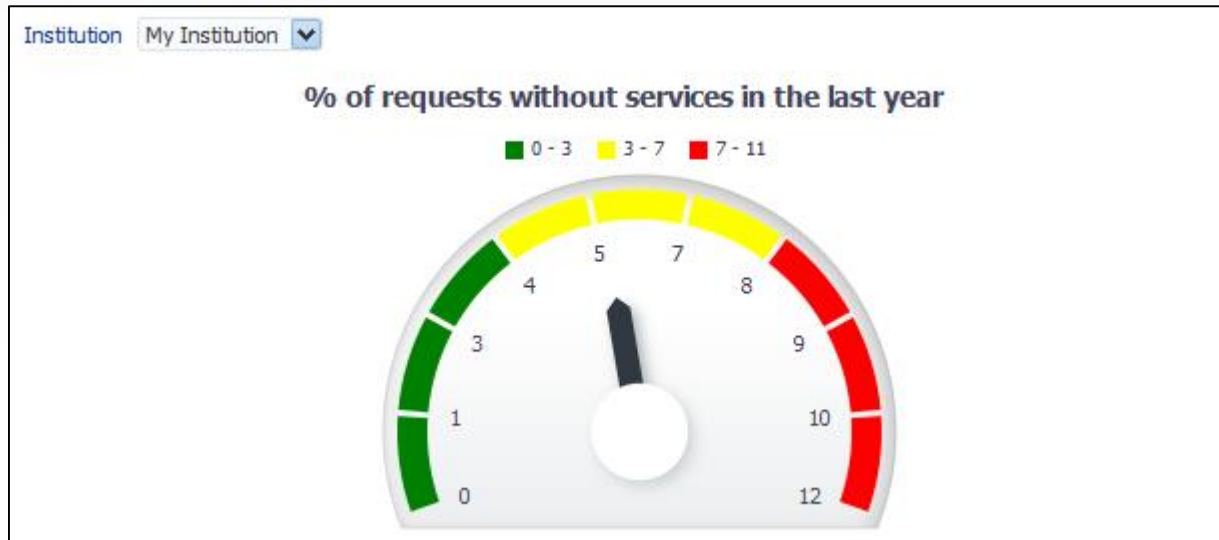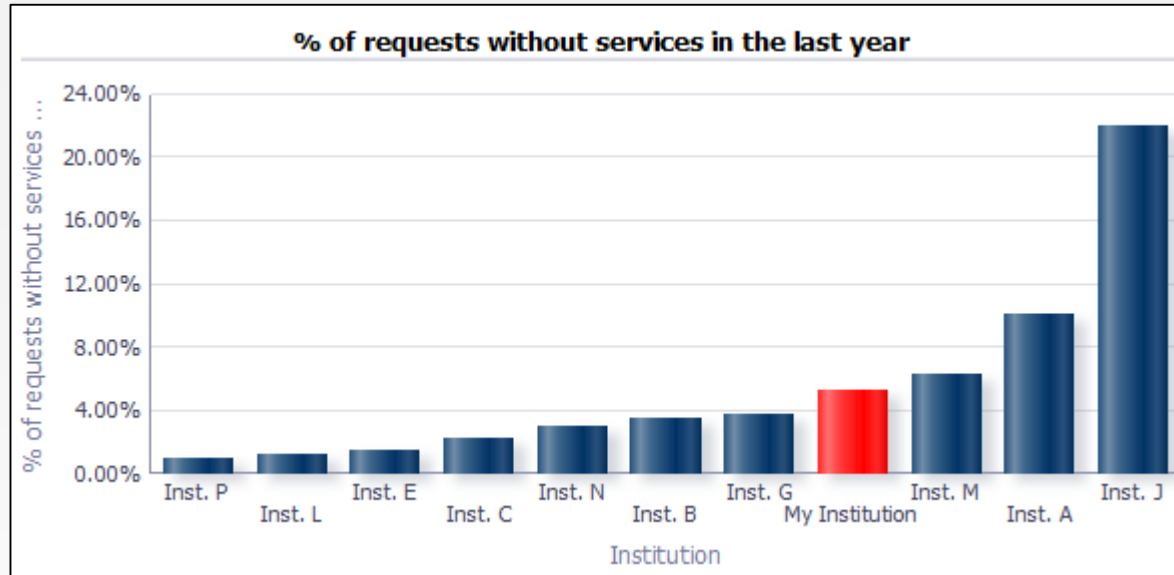# System generated KPIs for Benchmark Analytics

Acquisitions

System generated KPIs for Benchmark Analytics

Fulfillment

System generated KPIs for Benchmark Analytics

Link
Resolver

Subject area for licenses

- New subject are for licenses.
- This is in addition to the existing "Electronic collection license" and "Portfolio license" folders which already exist in the e-inventory subject area.

- The new subject area, Licenses, will included all the configured license terms and administrative metadata.
- In addition to the new subject area a folder "License Terms" will be added to the E-Inventory and Funds Expenditure subject areas.

http://calendartable.com/

Subject area for digital inventory

- A new subject area for digital inventory will be developed
- This will include all aspects of the digital inventory

- Libraries will be able to create reports for digital inventory objects, which in conjunction with print and electronic resources comprise the whole library catalog.
- Users will be able for example to report on digital collections, representations, representation entity types, access rights, copyrights and storage

Thank you
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