Cost Per Use in the Alma Analytics E-Inventory subject area.

Yoel Kortick. Senior Librarian
• Introduction
• Reports and dashboard
• Calculation of resource cost
• How the match is made
• Electronic Cost Usage Dashboard
Introduction

• This presentation relates to the "Cost Per Use" which has been added as an integral part of the E-Inventory subject area.
• While this has already been released it is still "In Development". It has been released while still "In Development" in order to get valuable feedback from the community.
• Details explained in this presentation are subject to change as the development continues.
Introduction

• The user group "Alma Analytics Electronic Inventory Usage and Cost Per Use" has been especially valuable.
• Via this user group Ex Libris has been able to obtain valuable feedback as the development progresses.
• While the new functionality is already fully usable, the official release will be during Q4 2019.
• At the current time there is still one main related development regarding the match of the electronic resource to a specific platform of the COUNTER data.
Introduction

• And of course a big thanks to the Alma Analytics development team
Introduction

• While the new functionality is already fully usable, the official release will be during Q4 2019.
• At the current time there is still one main related development regarding the match of the electronic resource to a specific platform of the COUNTER data.
Introduction

• A folder called "Cost Usage" has been added to the E-Inventory subject area. The subfolders and fields in this folder allow the user to create "Usage" and "Cost per use" reports.

• This folder will eventually replace the existing "Cost Usage" subject area.

• Note that the subfolder also contains a tool tip pop up for additional help.
Introduction

• The next slide contains a diagram explaining what is included in the "Cost Usage" folder of the E-Inventory subject area, and how that content it differs from the "Usage Data" subject area.

• "Usage Data" subject area = Includes all records which were loaded via COUNTER reports

• "Cost Usage" folder of the E-Inventory subject area = Includes all records which were loaded via COUNTER reports and match a record in the repository which has electronic inventory
Introduction

- **A** = Everything in the E-Inventory subject area
- **B** = Everything in the Usage Data subject area
- **A ∩ B** = Everything in the Usage Data subject area which matches a record in the E-Inventory subject area (regardless of whether or not it has a POL)
Introduction

• Several default reports exist in the folder /shared/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Reports.

• A default dashboard with these reports exists under /shared/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Dashboards.
Introduction
Introduction

• Via the folder "Cost Per Use" in the E-Inventory subject area it is possible to obtain the following information:

• An in depth analysis of the COUNTER usage for titles in Alma.

• Cost Per Use on POLs of type "One Time" as well as type "Continuous". Improvement – The old cost per use only worked for POLs of type "Continuous".

• Cost Per Use for portfolios which are part of a collection but do not necessarily have their own POL. For example the user can get cost per use for one specific portfolio which is part of a collection and the collection has a POL but the portfolio does not. Improvement – The old cost per use only worked for records which had their own POL and did not work of it was a portfolio for which only the collection to which it belonged had a POL.

• Cost Per Use for Electronic Books from BR1 and BR2 reports as well as for Journals from JR1, JR1a and JR1GOA reports. Improvement – The old cost per use only worked for JR1 and DB1.
Introduction

• Additionally, the user can:

• View the match points used when matching the titles from the COUNTER reports to the titles in the Alma E-Inventory subject area.
• Get an in depth breakdown of the COUNTER usage
• Include the platforms in the cost per use reports (part of this feature is still undergoing a major development)
• Include the fund details including the fund fiscal period in the cost per use reports
Introduction

• Because the Cost Per Use is an integral part of the E-Inventory subject area all of the following fields and more may be included in the Cost Per Use reports:

  • The licenses
  • The LC subjects
  • The Dewey subjects
  • The resource types
  • All fields from the "Bibliographic Details" folder

• Improvement – The old cost per use did not contain this information.
Reports and dashboard
Reports and dashboard

• The default "Electronic Cost Usage Dashboard" is located at "/shared/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Dashboards"

• The default reports are located at "/shared/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Reports"
Reports and dashboard
Reports and dashboard

• The "Electronic Cost Usage Dashboard" includes the following tabs:

1. Titles
   1. A prompt by "Fund Fiscal Period Description" and list of
      1. Most used titles
      2. Least used titles
      3. Most expensive titles
      4. Least expensive titles

2. Title details
   1. A search box criteria for word from title, ISBN and ISSN.
   2. Results are a list of titles including details of cost per use
   3. A link to the view the same title in the usage data subject area
Reports and dashboard

3. Continuous
   1. A prompt for searching titles with a POL of type "Continuous" by portfolio creation year, minimum cost and minimum usage and a list of titles including details of cost per use
   2. A link to the view the same title in the usage data subject area

4. One time
   1. Like the "Continuous" tab but searches for titles with a POL of type "One Time"

5. Resource Types
   1. A prompt by "Fund Fiscal Period Description"
   2. A detailed analysis of the resource types of electronic inventory.
   3. This includes inventory which does and does not necessarily have usage or cost.
   4. There are three pie charts with a detailed explanation.
Reports and dashboard

6. Electronic Collections
   1. A prompt by "Fund Fiscal Period Description" and list of
      1. A list of Cost Usage By Electronic collections

7. Platforms
   1. A prompt by "Fund Fiscal Period Description" and list of
      1. Most used platforms
      2. Least used platforms
      3. Most expensive platforms
      4. Least expensive platforms

8. Vendors
   1. A prompt by "Fund Fiscal Period Description" and list of
      1. Most used vendors
      2. Least used vendors
      3. Most expensive vendors
      4. Least expensive vendors
Reports and dashboard

9. Funds
   1. A prompt by "Fund Fiscal Period Description" and list of
      1. Most used funds (highest use)
      2. Most effective funds (highest use per cost)

10. LC Subjects
    1. A prompt by "Fund Fiscal Period Description" and list of
       1. Most used LC Subjects
       2. Least used LC Subjects
       3. Most expensive LC Subjects
       4. Least expensive LC Subjects

11. Dewey Subjects
    1. A prompt by "Fund Fiscal Period Description" and list of
       1. Most used Dewey Subjects
       2. Least used Dewey Subjects
       3. Most expensive Dewey Subjects
       4. Least expensive Dewey Subjects
Reports and dashboard

12. Match Points
   1. A prompt by "Fund Fiscal Period Description" and pie charts and a graph explaining if there was a match between the title from the COUNTER report and the title in the Alma E-Inventory and if so according to what criteria

13. Usage Types
   1. A prompt by "Fund Fiscal Period Description" and pie charts with a detailed analysis of the COUNTER report types in Cost Per Use.
Reports and dashboard

14. Usage By Title Per Electronic Collections
   1. A prompt by "Fund Fiscal Period Description" and a list of electronic collections with:
      1. Number of titles in the collection
      2. Number of titles in the collection which have usage
      3. Percent of titles which have usage
      4. Cost
      5. Usage
      6. Cost Per Use
      7. Cost per title
   2. Very useful for evaluating the value of electronic collections

15. Titles with multiple portfolios
   1. Includes prompts by title, subject, classification codes, cost and usage.
   2. Allows for filtering by number of collections per title
   3. Useful for evaluating which collections have a lot of overlap (have a lot of the same titles).
Reports and dashboard

- All of the reports in the dashboard may be edited and saved locally
Calculation of resource cost
Calculation of resource cost

• There are four situations in which the cost of an electronic resource must be determined for Alma Analytics cost per use

1. The resource does not have it’s own POL but rather it is part of an electronic collection which has a POL and the POL is of type Continuous.

2. The resource does not have it’s own POL but rather it is part of an electronic collection which has a POL and the POL is of type One Time.

3. The resource does have it’s own POL and the POL is of type Continuous.

4. The resource does have it’s own POL and the POL is of type One Time.
Calculation of resource cost

• For an explanation of each of these situations see:

• Alma Analytics – Overview of determining the price for cost per use

• Alma Analytics – Determining the price for cost per use for a portfolio which is part of a collection which has a POL of type Continuous

• Alma Analytics – Determining the price for cost per use for a portfolio which is part of a collection which has a POL of type One Time

• Alma Analytics – Determining the price for cost per use for a portfolio which has its own POL of type Continuous

• Alma Analytics – Determining the price for cost per use for a portfolio which has its own POL of type One Time
How the match is made
How the match is made

• For details on how the match is made between the resource in the COUNTER report and the resource in Alma see [Alma Analytics – Matching the resource from COUNTER report to the resource in Alma for cost per use](#)
Electronic Cost Usage Dashboard
Electronic Cost Usage Dashboard

• What follows here are a small sample of some of the many reports available in the "Electronic Cost Usage Dashboard".
• As previously stated: this is still in development stages and is subject to change.
### Electronic Cost Usage Dashboard

**Title Details**

<table>
<thead>
<tr>
<th>Title (normalized)</th>
<th>Electronic Collection Public Name</th>
<th>ISSN (Normalized)</th>
<th>ISSN</th>
<th>Vendor Name</th>
<th>Platform</th>
<th>Fund Fiscal Period Description</th>
<th>PO Line Reference</th>
<th>Cost</th>
<th>Usage</th>
<th>Estimated Usage</th>
<th>Cost Per Use</th>
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## Electronic Cost Usage Dashboard

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<th>Cost</th>
<th>Usage</th>
<th>Estimated Usage</th>
<th>Cost Per Use</th>
<th>No. of Portfolio (In Repository)</th>
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## Electronic Cost Usage Dashboard

### One Time

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<th>Usage</th>
<th>Estimated Cost Per Use</th>
<th>No. of Portfolios (In Repository)</th>
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<td>air logistics handbook air freight and the global supply chain</td>
<td>Taylor &amp; Francis eBooks Complete</td>
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Electronic Cost Usage Dashboard

Cost Usage By Resource Type

- Book - Electronic
- Projected medium - Electronic
- Book - Physical
- Journal - Physical
- Newspaper - Electronic
- Newspaper (Ceased publication) - Electronic
- Braille Book - Physical
- Unknown
- Audio nonmusical - Electronic
- Journal - Electronic
- Journal (Ceased publication) - Electronic
- Other Serial (Ceased publication) - Electronic
- Other Serial - Physical
- Digital File - Text
- Projected medium - Physical
- Manuscripts - Electronic
- Atlas - Electronic
- Newspaper - Physical
- Other Serial - Electronic
- Other material - Electronic
- Digital File - Video
- Undefined
- Textual - Component Part
- Notated music - Electronic
- Journal article - Electronic
- Journal (Ceased publication) - Physical
- Other Serial (Ceased publication) - Physical
## Electronic Cost Usage Dashboard

### Electronic Collection Public Name

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<th>No. of Portfolio (In Repository)</th>
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Electronic Cost Usage Dashboard

Most used platforms

Usage

- ProQuest Ebook Central
- MyLibrary
- EBRARY; ProQuest Ebook Central
- SpringerLink
- ProQuest
- ScienceDirect licensed content
- Wiley Online Library
- EBSCOhost; Wiley Online Library
- EBSCOhost
- EBSCOhost; ProQuest
Electronic Cost Usage Dashboard

Most used vendors

Vendor Name (from POL)

Usage

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Electronic Cost Usage Dashboard

Match points for COUNTER data to Alma data and corresponding number of portfolios:

- ISBN: 8,597
- ISSN: 3,490
- Title: 2,247
- EISSN: 852
- POL Title: 454

Matched vs. unmatched records for COUNTER:

- Matched: 15,648
- Unmatched: 77,259

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## Electronic Cost Usage Dashboard

<table>
<thead>
<tr>
<th>Usage Type (General)</th>
<th>Usage Type (specific)</th>
<th>Cost</th>
<th>Estimated Usage</th>
<th>Usage</th>
<th>Cost Per Use (general)</th>
<th>Cost Per Use (specific)</th>
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<tbody>
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<td>JR 10</td>
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Thank you!

Yoel.Kortick@exlibrisgroup.com