Welcome

Martha Kyrillidou

Senior Director
ARL Statistics and
Service Quality
Programs
Association of
Research Libraries
Thank You for Joining Us

• Everyone will be muted to cut down on background noise.

• We welcome questions. Please type your questions; and ARL staff, stand ready to answer them.

• Questions and answers that we do not address, as well as the ones we address, will be distributed to attendees after the webcast, along with the recording.

www.arl.org
Introductions

• **Martha Kyrillidou**, Senior Director, Association of Research Libraries

• **Shaneka Morris**, Statistics Editorial Assistant, Association of Research Libraries

• **Steve Hiller**, Director of Assessment and Planning, University of Washington

• **Jim Self**, Director, Management Information Services, University of Virginia
Goals

• To inform coordinators and library staff about the nature of descriptive research library statistics
• To demonstrate how ARL members and non-member libraries can access the data
• To share how you can use the data to make a case for your library
• To unveil some of the upcoming changes to the survey - what are the benefits of these changes?

www.arl.org
Agenda

• ARL Statistics: A Brief Description
• ARL Statistics® Analytics
• Case study from the U of Washington
• Case study from the U of Virginia
• Revised Surveys
• ARL Statistics Website content
• Q&A as time allows
ARL Statistics and Assessment

...To **describe** and measure the performance of **research libraries** and their contribution to teaching, research, scholarship and community service ...
In the beginning ...
Statistics & Salaries
Poll Question

Are you responsible for gathering and/or submitting ARL Statistics?

Yes, I am an ARL Survey Coordinator

No, but I do prepare the ALS/ACRL statistics

No, I do not prepare our Library’s annual statistics

www.arl.org
What is ARL Statistics®?

ARL Statistics is a series of annual surveys that describe the collections, expenditures, staffing, and service activities for ARL member libraries. Statistics have been collected and published annually for research libraries since 1907-08. ARL Statistics data shape major policy decisions and institutional strategies. The Association of Research Libraries (ARL)... more

ORIGINS OF ARL STATISTICS®
Statistics have been collected and published annually for the members of the Association since 1901-02. Before that, annual statistics for university libraries were collected by... more

ABOUT ANNUAL SURVEYS
In addition to the ARL Statistics® data, which collects figures from the ARL member libraries, the ARL Statistics series includes multiple additional annual data series as well as... more

WHAT IS ANALYTICS?
The ARL Statistics® Analytics is available to member institution library staff to collect the data and have ready-access to them as they are submitted, even before they are finalized. more

How Will You Benefit from Using ARL Statistics®?

- Use the preliminary data successfully for budget justification purposes
- Login 24x7 to our secure server and access more than 100 years' worth of verified data
- Identify trends in the ARL Statistics® data by analyzing key variables over time

NEWS

- 2/1/2012 Call for Proposals: Library Assessment! Conference 2012
- 12/20/2011 ARL Publishes ARL Annual Salary Survey 2010-2011
- 12/20/2011 ARL Publishes ARL Statistics 2009-2010

EVENTS

- 6/22/2012 ARL/Bqual+@/StatsQUAL@ Booth #1231 at ALA Annual - Anaheim, CA
- 4/17/2012 ARL Statistics & Assessment Webcast Series
- 1/20/2012 ARL/BQUAL@/StatsQUAL@ Booth #1649 at ARL Midwinter in Dallas - Dallas, Texas

PUBLICATIONS

- ARL Academic Health Sciences Library Statistics - Machine-Readable Data [csv]
- ARL Academic Law Library Statistics - Machine-Readable Data [csv]
- ARL Statistics 2009-2010

MORE NEWS

MORE EVENTS

MORE RESOURCES
The ARL Statistics® website: A brief description

• ARL Statistics® as a website is about a series of annual publications that describe the collections, expenditures, staffing, and service activities for ARL member libraries

• Statistics have been collected for over 100 years
  – From 1907-08 through 1961-62 as the Gerould statistics (first edition)
  – From 1961-62 to the present as the Annual ARL Statistics®

• The ARL Statistics® website includes the following data series:
  – Academic Health Sciences Library Statistics
  – Academic Law Library Statistics
  – University & Library Total Expenditures
  – ARL Annual Salary Survey
  – Source of Funds (periodic but not regular)
  – ARL Supplementary Statistics (occasional)
  – ARL Preservation Statistics (discontinued)
The ARL Statistics® Analytics (for members)
ARL Statistics Interactive Analytics (for non-members)

Interactive.arlstatistics.org and www.arlstatistics.org

Analytics

The current ARL statistics include data on collections, staffing, expenditures, library services, and library and university characteristics for the ARL university libraries.

This site will allow you to:

- review the library data collected by ARL
- generate rankings of institutions by selected criteria
- create graphs from the data
- generate summary statistics for all ARL libraries
- download the data by year in spreadsheet format
- review the ARL index and membership criteria
ARL Statistics® Analytics

Shaneka Morris
Statistics Editorial Assistant,
Association of Research Libraries
ARL Statistics® Analytics allows users to:

- Access and review the library data collected by ARL
- Generate rankings of institutions by selected criteria
- Generate summary statistics for all ARL libraries
- Download the data by year in spreadsheet format
- Conduct financial and investment level analysis

ARL Statistics® Analytics DOES NOT contain PDFs of ARL Publications
ARL Statistics® Analytics: 100+ Years of Data at Your Fingertips

The two variations of the Analytics tool:

<table>
<thead>
<tr>
<th>ARL Statistics® Analytics</th>
<th>ARL Statistics® <em>Interactive</em> Analytics</th>
</tr>
</thead>
<tbody>
<tr>
<td>• For Librarians at ARL Member Institutions</td>
<td>• For the following individuals/groups:</td>
</tr>
<tr>
<td>• Accessed through the data entry interface at <a href="http://arlstatistics.org">http://arlstatistics.org</a></td>
<td>— Graduate Students, Faculty, and others at ARL Member Institutions</td>
</tr>
<tr>
<td></td>
<td>— All other non-profit institutions/organizations ($500 for a 12-month subscription)</td>
</tr>
<tr>
<td></td>
<td>— For-profit institutions/organizations ($750 for a 12-month subscription)</td>
</tr>
<tr>
<td></td>
<td>• Accessed through <a href="http://interactive.arlstatistics.org">http://interactive.arlstatistics.org</a></td>
</tr>
</tbody>
</table>
For Member Institutions:

Step 1: Login
Step 2: Click on the Analytics tab
ARL Statistics® Analytics: http://interactive.arlstatistics.org

For All Other Institutions:
Step 1: Subscribe (email stats@arl.org)
Step 2: Login
Step 3: Get started!

Welcome to ARL Statistics Interactive Analytics
ARL Statistics® Analytics: Analytics Tabs

- The **Membership Index** tab is not available in ARL Statistics® Interactive Analytics (the product for non-members).
ARL Statistics® Analytics: Obtaining a Ranked List

- **Step 1:** Click the “Ranked List” tab.
- **Step 2:** Select variable for ranking.
- **Step 3:** Select institutions to rank. The default is university libraries.
- **Step 4:** Select Survey year.
  - 2009-10 Survey = “2010” in the drop down menu
  - 2008-09 = “2009” in the drop down menu
- **Optional Step:** Select Sort Order. The default is “Descending” (largest to smallest figure).
- **Step 5:** Click “Produce Data Listing”.

www.arl.org
ARL Statistics® Analytics: Obtaining a Ranked List

- **View your List!**
- **To Download**
  - Click the “Download Data” Tab. You will have to re-sort the list after saving the csv file.
- **To Print**
  - Print as you would any web page on the Internet.

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**Ranked Lists for Institutions for 2010**

Missing values are indicated by a period (·).

Note: Some variables are not available for all years. The years in parentheses next to the variables indicate beginning and ending years (where applicable) in the ARL data.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Institution name</th>
<th>Volumes Held</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HARVARD</td>
<td>16,632,532</td>
</tr>
<tr>
<td>2</td>
<td>ILLINOIS, URBANA</td>
<td>13,156,748</td>
</tr>
<tr>
<td>3</td>
<td>YALE</td>
<td>12,787,962</td>
</tr>
<tr>
<td>4</td>
<td>CALIFORNIA, BERKELEY</td>
<td>11,245,418</td>
</tr>
<tr>
<td>5</td>
<td>TORONTO</td>
<td>11,329,942</td>
</tr>
<tr>
<td>6</td>
<td>COLUMBIA</td>
<td>11,169,036</td>
</tr>
<tr>
<td>7</td>
<td>MICHIGAN</td>
<td>10,778,736</td>
</tr>
<tr>
<td>8</td>
<td>TEXAS</td>
<td>9,920,941</td>
</tr>
<tr>
<td>9</td>
<td>CHICAGO</td>
<td>9,037,021</td>
</tr>
<tr>
<td>10</td>
<td>CALIFORNIA, LOS ANGELES</td>
<td>8,151,564</td>
</tr>
<tr>
<td>11</td>
<td>INDIANA</td>
<td>6,677,974</td>
</tr>
<tr>
<td>12</td>
<td>WISCONSIN</td>
<td>6,421,190</td>
</tr>
<tr>
<td>13</td>
<td>CORNELL</td>
<td>6,173,770</td>
</tr>
<tr>
<td>14</td>
<td>PRINCETON</td>
<td>7,226,744</td>
</tr>
<tr>
<td>15</td>
<td>ALBERTA</td>
<td>7,220,635</td>
</tr>
<tr>
<td>16</td>
<td>WASHINGTON</td>
<td>7,203,156</td>
</tr>
<tr>
<td>17</td>
<td>MINNESOTA</td>
<td>7,111,311</td>
</tr>
<tr>
<td>18</td>
<td>NORTH CAROLINA</td>
<td>7,012,787</td>
</tr>
<tr>
<td>19</td>
<td>PENNSYLVANIA</td>
<td>6,420,305</td>
</tr>
</tbody>
</table>

www.arl.org
Case study from U. of Washington Library Reinvestment

Steve Hiller
Director of Assessment and Planning,
University of Washington Libraries
Making the Case for Library Reinvestment at UW
What We Wanted to Demonstrate

- Falling behind our “competitors” in university investment during past 5-6 years (ARL Stats essential!)
  - Total library expenditures
  - Collection expenditures
  - Staff numbers
  - Librarian salaries
- Total staff and collection expenditures reduced during a period of strong student enrollment growth and 75% increase in tuition
2012 Budget Question
How Does Your Unit Measure Against Other Universities?

We benchmark against comparable peer members of the Association of Research Libraries (ARL) and have identified the top quartile of U.S. public academic research libraries as our peer group. Benchmark examples:

- Total library expenditures
- Collections expenditures
- Total staff FTE
- Ratio of collections expenditures per full-time student
- Average librarian salaries
Chart Used in 2011: Falling off the Cliff: ARL 2009-10 Collections Expenditures as Percent of 2008-09

Outcome: $2 million added to our collections budget for 2011-12 (not all due to the chart!)
Annualized Total Library Expenditures
UW Seattle and Median of ARL Public Top Quartile

2003-05
UW $32,393,178

2005-07
UW $35,271,053
ARL Public $35,696,135

2007-09
UW $36,434,931
ARL Public $39,651,745

2009-11
UW $38,166,703
ARL Public $40,511,976

UW $40,000,000
ARL Public $45,000,000

$30,000,000
$35,000,000
$40,000,000
$45,000,000
Collections Expenditures: UW Seattle and ARL

<table>
<thead>
<tr>
<th></th>
<th>RANK ALL (114)</th>
<th>RANK U.S. (100)</th>
<th>RANK U.S. Public (70)</th>
<th>UW $Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-07</td>
<td>19</td>
<td>16</td>
<td>7</td>
<td>14.922</td>
</tr>
<tr>
<td>2007-08</td>
<td>28</td>
<td>24</td>
<td>13</td>
<td>13.743</td>
</tr>
<tr>
<td>2008-09</td>
<td>22</td>
<td>18</td>
<td>8</td>
<td>15.170</td>
</tr>
<tr>
<td>2009-10</td>
<td>28</td>
<td>25</td>
<td>13</td>
<td>13.863</td>
</tr>
<tr>
<td>2010-11</td>
<td>37</td>
<td>33</td>
<td>19</td>
<td>13.064</td>
</tr>
</tbody>
</table>
Collections Spending Per Full-Time Student UW and Median of ARL Public Top Quartile

ARL Median

UW

- 2006-07: $452
- 2007-08: $410
- 2008-09: $439
- 2009-10: $401
- 2010-11: $355

- 2006-07: $478
- 2007-08: $511
- 2008-09: $505
- 2009-10: $490
- 2010-11: $490
Total Staff FTE
UW and Median of ARL Public Top Quartile
Overall Satisfaction by Group 1995-2010
UW Libraries Triennial Survey


Faculty 4.25
Grad 4.18
Undergrad 3.97

Faculty 4.63
Grad 4.43
Undergrad 4.25
Case study from the U. of Virginia

Jim Self
Director,
Management Information Services,
University of Virginia Library
Collecting the Data at the U.Va. Library

• Customer Surveys
• Staff Surveys
• Mining Existing Records
• Comparisons with peers
• Qualitative techniques
• Long involvement with ARL statistics
Benchmarking
Comparisons with Peers

• Within the University
• Within ARL
Median Faculty Salaries
University of Virginia Library
Compared to ARL Median

Fiscal Year


$30,000
$35,000
$40,000
$45,000
$50,000
$55,000

U.Va.

ARL
New Internal Financial Model

• From the new administration at U.Va.
• Based on a responsibility centered model
• Aligns activity, responsibility, accountability
• Units asked to provide data
• “What does it take to be a top tier library?”
• Using ARL expenditures for peer comparison
## ARL Statistics for FY11
Requested by the Provost

<table>
<thead>
<tr>
<th>Institution</th>
<th>Total Library Expenditures</th>
<th>Fulltime Students</th>
<th>Expenditures per Fulltime Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michigan</td>
<td>$63,957,474</td>
<td>38,278</td>
<td>$1,671</td>
</tr>
<tr>
<td>Berkeley</td>
<td>$50,050,063</td>
<td>32,563</td>
<td>$1,537</td>
</tr>
<tr>
<td>Cornell</td>
<td>$44,199,742</td>
<td>20,095</td>
<td>$2,200</td>
</tr>
<tr>
<td>Penn</td>
<td>$42,126,455</td>
<td>20,128</td>
<td>$2,093</td>
</tr>
<tr>
<td>North Carolina</td>
<td>$41,802,228</td>
<td>23,753</td>
<td>$1,757</td>
</tr>
<tr>
<td>Duke</td>
<td>$40,696,213</td>
<td>13,457</td>
<td>$3,024</td>
</tr>
<tr>
<td>Indiana</td>
<td>$33,898,136</td>
<td>35,742</td>
<td>$948</td>
</tr>
<tr>
<td>Emory</td>
<td>$33,592,247</td>
<td>11,900</td>
<td>$2,823</td>
</tr>
<tr>
<td>Johns Hopkins</td>
<td>$31,816,227</td>
<td>12,761</td>
<td>$2,493</td>
</tr>
<tr>
<td>Virginia</td>
<td>$31,487,948</td>
<td>20,894</td>
<td>$1,507</td>
</tr>
</tbody>
</table>
Revised Surveys

Martha Kyrillidou

Senior Director
ARL Statistics and Service Quality Programs
Association of Research Libraries
The ARL Statistics: Looking Forward

The Revised Survey for 2011-12

• Following a thorough review in 2011, ARL has completed revisions to the annual survey for the ARL Statistics®, Supplementary Statistics, and the Salary Survey

• Goals of the survey revision process:
  – Enhance survey relevancy for 21st century research libraries
  – Increase utility
  – Diminish survey burden so that the survey is easier to complete
Task Force on reviewing surveys

– Undergoing major changes with systematic and thorough input from all member libraries
– ARL Board Task Force established as a subgroup of the ARL Statistics and Assessment Committee
– Task Force on Reviewing the ARL Statistics, the ARL Supplementary Statistics and the ARL Annual Salary Survey (2011-2012)
– ARL directors interviewed in early 2011
– Direction: to focus on important data, modernize where needed, and streamline
– Recommendations forwarded in October 2011 and revised survey forms approved in May 2012
Revised surveys

– ARL Annual Salary Survey 2012-2013
– ARL Statistics 2011-2012

http://www.arlstatistics.org/about/Mailings

– Forms available already to help early planning
– Website for data entry is currently prepped for data entry in July for the Salary Survey and in August for the ARL Statistics
The ARL Statistics: Looking Forward
The Revised Survey for 2011-12

• New Format:
  – Revised Sections:
    • Collections = Titles, Volumes Held, and E-Books
    • Expenditures = Total Expenditures (*Excluding Fringe Benefits*) as the sum of:
      – Total Library Materials Expenditures:
        » One time resource purchases
        » Ongoing resource purchases
        » Collection support
      – Total Salaries and Wages (*Excluding Fringe Benefits*)
        » Questions are the same
        » Fringe benefits reported separately
      – Other Operating Expenditures
    • Circulation – Initial circulations only
The ARL Statistics: Looking Forward
The Revised Survey for 2011-12

• New Format:
  – New Sections:
    • Fringe Benefits - Dollar Amount and Designated Percent
    • Use of Electronic Resources
      – Number of successful full-text article requests (journals)
      – Number of total searches, result clicks, and record views (databases)
The ARL Statistics: Looking Forward
The Revised Survey for 2011-12

• New Format:
  – Unchanged Sections:
    • Personnel
    • Instruction
    • Reference
    • Interlibrary Loans
    • PhD Degrees and Faculty
    • Enrollment
The ARL Statistics: Looking Forward
The Revised Survey for 2011-12

• New Format:
  – Implications:
    • ARL Index
    • ACRL Survey
    • Academic Libraries Survey
  – Timeline
ARL Statistics Website

Shaneka Morris
Statistics Editorial Assistant, Association of Research Libraries

www.arl.org
• Almost all ARL Statistics content in one place!
  – The Annual Mailings
  – Machine Readable Data
  – ARL Statistics® Analytics
  – Events: Survey Coordinator’s Meetings and other events

• 2011-12 ARL Statistics Online Mailing Contents
  – Newly revised instructions and survey forms
  – An excel spreadsheet (with formulas included!) for use in calculating survey figures
  – A recording of this webcast
  – Coming soon: Video Tutorials
ARL Statistics Website
http://arlstatistics.org

Annual Mailings

About

ARL Statistics is a series of annual publications that describe the collections, expenditures, staffing, and service activities for the member libraries of the Association of Research Libraries. Statistics have been collected and published annually for research libraries since 1907-08. ARL Statistics data shape major policy decisions and institutional strategies. The Association of Research Libraries (ARL) is a nonprofit organization of the major research libraries in the US and Canada.

ARL has granted permission to ACRUA/AL and ASERL to use the ARL Statistics survey to survey their member libraries; ARL also works closely with CARL in ensuring consistency among their versions of the survey. ARL has also actively participated in the advisory committee for the NCES Academic Library Survey and in the NISO Library Statistics Z39.7 Working group.

The Association of Research Libraries started collecting and publishing annual data for the members of the Association since 1961-62. Prior to 1961-62, annual statistics for university libraries were collected by James Gerould, first at Minnesota and later at Princeton. These data cover the years 1907-08 through 1991-62 and are now called the Gerould Statistics. The complete data series from 1908 to the present represents the oldest and most comprehensive continuing library statistical series in North America. It was thoroughly documented by Kendon Stubbs and Robert Molyneux in 1950 as Research Library Statistics 1907-08 Through 1957-58.

- Origins of ARL Statistics
- ARL Statistics Analysis
- ARL Statistical Series
- Publications Access
- Mailings Archive
# ARL Statistics Website

http://arlstatistics.org

## Annual Mailings

### Mailings

- **Annual Program Schedule - Approximate Dates**

<table>
<thead>
<tr>
<th>ARL Statistics</th>
<th>ARL Annual Salary Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-2011</td>
<td>2010-2011</td>
</tr>
<tr>
<td>2009-2010</td>
<td>2009-2010</td>
</tr>
<tr>
<td>2007-2008</td>
<td>2007-2008</td>
</tr>
</tbody>
</table>
ARL Statistics Website
http://arlstatistics.org

• Machine Readable Data
  – New comprehensive guide and composite Excel file
    • Data set: 1907-08 through the recently released 2010-11 data

• Publications Tab
  – Contents:
    • Open access electronic ARL Statistics publications prior to 2004-05
    • Machine Readable files and guides
    • Articles about the ARL Statistics

• Analytics Tab
  – Login or subscribe for access to the Interactive Analytics
ARL Statistics Website
http://arlstatistics.org
Machine Readable Data
ARL Statistics Website
http://arlstatistics.org
Publications
Obtaining Print Copies of the Publication

- Print copies can be acquired via the web order form at [http://www.arl.org/resources/pubs/pubsorderinfo.shtml](http://www.arl.org/resources/pubs/pubsorderinfo.shtml)
- Publications from before 2004-05 are freely available through the Publications Tab on the website.

Events

- Survey Coordinators’ Meetings
- Other Events
Conclusion

Martha Kyrillidou
Senior Director
ARL Statistics and Service Quality Programs
Association of Research Libraries
ARL Statistics and Assessment

...To describe and measure the performance of research libraries and their contribution to teaching, research, scholarship and community service...
ARL Profiles:
Research Libraries 2010

• Serve the public good
• Expand globally
• Set standards
• Explore best practices
• Establish national and international visibility

http://www.arl.org/stats/index/profiles/index.shtml
www.arl.org
Poll Question

Do you plan on attending the 2012 Library Assessment Conference, Oct. 29-31?

• Yes

• No

• Maybe

http://libraryassessment.org/
StatsQUAL® Team

- Martha Kyrillidou – Senior Director, ARL Statistics and Service Quality Programs
  
  martha@arl.org  
  202-296-2296, x139

- Shaneka Morris – Statistics Editorial Assistant
  
  shaneka@arl.org  
  202-296-2296, x124

- Chris Merriman – Administrative Assistant
  
  gary@arl.org  
  202-296-2296

- David Green – Library Relations Coordinator
  
  david@arl.org  
  Skype chat

- Gary Roebuck – Director of Information Technology
  
  gary@arl.org  
  202-296-2296, x137

- Henry Gross – Applications Developer
  
  henry@arl.org  
  Skype chat
Questions?
THANK YOU