University of Pittsburgh Libraries
Long Term Trends (2004-2013)

Based on ARL Statistics

Prepared by Strategic Assessment Unit, ULS
November 2014
Summary

• University of Pittsburgh data includes ULS, Law and Health Services libraries

• Most analyses show data for 2004-2013 or 2006-2013. Small number of analyses show data for 2012-2013 only (to reflect new data points collected by ARL)

• Pitt data is also shown in context of selected peer and aspirational peer institutions
EXPENDITURES
Expenditures 1

Nominal Expenditures by Category: 2004-2013

- Collections
- Staff
- Operations

Year:
- 2004: $11,720,010
- 2005: $11,053,937
- 2006: $11,074,400
- 2007: $11,869,412
- 2008: $14,438,533
- 2009: $12,857,024
- 2010: $12,882,043
- 2011: $15,605,569
- 2012: $14,358,635
- 2013: $14,572,377

Total:
- Collections: $103,879,605
- Staff: $99,733,587
- Operations: $163,046,715

Total Expenditures: $366,656,907
Expenditures 2

Expenditure by Category as Percentage of Total: 2004-2013
Expenditures 3

Inflation Adjusted Expenditure per Student, 2006-2013

Collections (Adj) | Salaries (Adj) | Operational (Adj)

<table>
<thead>
<tr>
<th>Year</th>
<th>Collections (Adj)</th>
<th>Salaries (Adj)</th>
<th>Operational (Adj)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$382.7</td>
<td></td>
<td></td>
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<tr>
<td>2007</td>
<td>$391.9</td>
<td></td>
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<tr>
<td>2008</td>
<td>$378.0</td>
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<td>2009</td>
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<td>2010</td>
<td>$337.5</td>
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</tr>
<tr>
<td>2011</td>
<td>$337.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>$338.3</td>
<td>$289.6</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>$284.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Expenditures: peer comparison 1

Peers: Total Expenditure 2004-2013

- DELAWARE
- MARYLAND
- OHIO STATE
- PENNSYLVANIA STATE
- PITTSBURGH
- RUTGERS
- SUNY-BUFFALO
Expenditures: aspirational peer comparison 1

Aspirational Peers: Total Expenditure 2004-2013

- ILLINOIS URBANA
- MICHIGAN
- MINNESOTA
- NORTH CAROLINA
- PITTSBURGH
- VIRGINIA
- WISCONSIN
Expenditures: peer comparison 2

Peers: Total Materials Expenditure 2004-2013
Expenditures: aspirational peer comparison 2

Aspirational Peers: Total Materials Expenditure 2004-2013

- ILLINOIS URBANA
- MICHIGAN
- MINNESOTA
- NORTH CAROLINA
- PITTSBURGH
- VIRGINIA
- WISCONSIN
Expenditures: peer comparison 3

Peers: Professional Salaries and Wages 2004-2013

- DELAWARE
- MARYLAND
- OHIO STATE
- PENNSYLVANIA STATE
- PITTSBURGH
- RUTGERS
- SUNY-BUFFALO

Graph showing the comparison of professional salaries and wages from 2004 to 2013 for various universities. The x-axis represents the years from 2004 to 2013, and the y-axis represents the salary range from $0 to $12,000,000.
Expenditures: aspirational peer comparison 3

Aspirational Peers: Professional Salaries and Wages
2004-2013
Expenditures: peer comparison 4

Salaries expenditure as % of total library expenditures - aspirational peer institutions
2012-2013

<table>
<thead>
<tr>
<th>Institution</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICHIGAN</td>
<td>51.08</td>
<td>48.23</td>
</tr>
<tr>
<td>WISCONSIN</td>
<td>50.88</td>
<td>50.05</td>
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<tr>
<td>VIRGINIA</td>
<td>49.63</td>
<td>52.77</td>
</tr>
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<td>NORTH CAROLINA</td>
<td>49.62</td>
<td>45.47</td>
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<td>ILLINOIS, URBANA</td>
<td>47.13</td>
<td>48.24</td>
</tr>
<tr>
<td>MINNESOTA</td>
<td>45.52</td>
<td>44.67</td>
</tr>
<tr>
<td>PITTSBURGH</td>
<td>37.36</td>
<td>38.19</td>
</tr>
</tbody>
</table>
Salaries expenditure as % of total library expenditures 2012-2013
COLLECTIONS
Collections: peer comparison 1

Peers: Volumes Held: 2004-2013

- DELAWARE
- MARYLAND
- OHIO STATE
- PENNSYLVANIA STATE
- PITTSBURGH
- RUTGERS
- SUNY-BUFFALO
Collections: aspirational peer comparison


- ILLINOIS, URBANA
- MICHIGAN
- MINNESOTA
- NORTH CAROLINA
- PITTSBURGH
- VIRGINIA
- WISCONSIN
Collections: peer comparison 2

Peers: E-book holdings 2012-2013

- PITTSBURGH
- SUNY-BUFFALO
- RUTGERS
- MARYLAND
- OHIO STATE
- DELAWARE
- PENNSYLVANIA STATE

Comparison of e-book holdings between 2012 and 2013 for various peers.
Collections: aspirational peer comparison 2

Aspirational Peers: E-book holdings 2012-2013

- Michigan
- Pittsburgh
- North Carolina
- Wisconsin
- Illinois, Urbana
- Minnesota
- Virginia
COLLECTIONS USE AND DELIVERY
Pittsburgh: Library circulation per student: 2006-2013
Circulation: peer comparison 1

Peers: Initial Circulations 2004-2013

<table>
<thead>
<tr>
<th>Year</th>
<th>OHIO STATE</th>
<th>DELAWARE*</th>
<th>PENNSYLVANIA STATE</th>
<th>RUTGERS</th>
<th>PITTSBURGH</th>
<th>SUNY-BUFFALO</th>
<th>MARYLAND</th>
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Circulation: aspirational peer comparison 1

Aspirational Peers: Initial Circulations 2004-2013

<table>
<thead>
<tr>
<th></th>
<th>WISCONSIN</th>
<th>ILLINOIS, URBANA</th>
<th>NORTH CAROLINA*</th>
<th>MICHIGAN*</th>
<th>VIRGINIA</th>
<th>MINNESOTA</th>
<th>PITTSBURGH</th>
</tr>
</thead>
<tbody>
<tr>
<td>% change since 2004 or earliest available data*</td>
<td>18.4</td>
<td>-13.5</td>
<td>-13.6</td>
<td>-19.5</td>
<td>-43.5</td>
<td>-50.1</td>
<td>-50.6</td>
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</table>
Inter Library Loans 1

Pittsburgh: ILL Lending and Borrowing 2004-2013

Number of ILL transactions

Lending

Borrowing

ILL: peer comparison 1

Peers: ILL Lending: 2004-2013

- DELAWARE
- MARYLAND
- OHIO STATE
- PENNSYLVANIA STATE
- PITTSBURGH
- RUTGERS
- SUNY-BUFFALO
ILL: aspirational peer comparison 1

Peers: ILL Borrowing 2004-2013
ILL: aspirational peer comparison 2

Downloads: peer comparison 1

Peers: Successful Full-text Article Requests 2012-13

<table>
<thead>
<tr>
<th>University</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>PITTSBURGH</td>
<td>8,800,100</td>
<td>9,467,724</td>
</tr>
<tr>
<td>MARYLAND</td>
<td>5,295,570</td>
<td>5,293,992</td>
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<tr>
<td>OHIO STATE</td>
<td>5,582,258</td>
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<td>PENNSYLVANIA STATE</td>
<td>4,526,731</td>
<td>4,577,814</td>
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<tr>
<td>SUNY-BUFFALO</td>
<td>3,679,030</td>
<td>2,927,455</td>
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<tr>
<td>RUTGERS</td>
<td>2,411,025</td>
<td>6,196,792</td>
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<tr>
<td>DELAWARE</td>
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<td>-</td>
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</tbody>
</table>
Downloads: aspirational peers comparison 1

Aspirational Peers: Successful Full-text Article Requests 2012-13

<table>
<thead>
<tr>
<th>Institution</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICHIGAN</td>
<td>10,584,307</td>
<td>7,885,367</td>
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<tr>
<td>PITTSBURGH</td>
<td>8,800,100</td>
<td>9,467,724</td>
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<tr>
<td>WISCONSIN</td>
<td>7,625,553</td>
<td>6,292,214</td>
</tr>
<tr>
<td>NORTH CAROLINA</td>
<td>3,947,892</td>
<td>4,476,958</td>
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<tr>
<td>VIRGINIA</td>
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<td>ILLINOIS, URBANA</td>
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</table>
Downloads: peer comparison 2

Peers: Successful Full-text Article Requests per Patron
2012-2013
Downloads: aspirational peers comparison 2

Aspirational Peers: Successful Full-text Article Requests per Patron 2012-2013
Database searches: peer comparison 1

Peers: Database Searches 2012-2013

- MARYLAND
- OHIO STATE
- PITTSBURGH
- SUNY-BUFFALO
- PENNSYLVANIA STATE
- RUTGERS
- DELAWARE

- 2012
- 2013
Database searches: aspirational peers comparison 1

Aspirational Peers: Database Searches 2012-2013

- WISCONSIN
- MICHIGAN
- PITTSBURGH
- NORTH CAROLINA
- VIRGINIA
- MINNESOTA
- ILLINOIS, URBANA
Database searches: peer comparison 2

Peers: Database Searches per Patron 2012-2013
Database searches: aspirational peers comparison 2

Aspirational Peers: Database Searches per Patron
2012-2013

- WISCONSIN
- MICHIGAN
- PITTSBURGH
- NORTH CAROLINA
- VIRGINIA
- MINNESOTA
- ILLINOIS, URBANA

2012 2013
INFORMATION AND INSTRUCTION SERVICES
Reference: peer comparison 1


<table>
<thead>
<tr>
<th>Year</th>
<th>DELAWARE</th>
<th>MARYLAND</th>
<th>OHIO STATE*</th>
<th>PENNSYLVANIA STATE</th>
<th>PITTSBURGH</th>
<th>RUTGERS</th>
<th>SUNY-BUFFALO</th>
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</thead>
<tbody>
<tr>
<td>2004</td>
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<td>-91.8</td>
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<td>-77.2</td>
<td>-59.6</td>
<td>-60.6</td>
</tr>
</tbody>
</table>

% change from 2004 or earliest available data*
Reference: aspirational peer comparison 1


<table>
<thead>
<tr>
<th>Year</th>
<th>ILLINOIS, URBANA</th>
<th>MICHIGAN</th>
<th>MINNESOTA</th>
<th>NORTH CAROLINA</th>
<th>PITTSBURGH</th>
<th>VIRGINIA</th>
<th>WISCONSIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>-53.0</td>
<td>-41.4</td>
<td>-78.7</td>
<td>-38.5</td>
<td>-77.2</td>
<td>-50.0</td>
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</tr>
</tbody>
</table>
Presentations: peer comparison 1

Peers: Presentations to Groups: 2004-2013
Presentations: aspirational peer comparison 1

Aspirational Peers: Presentations to Groups: 2004-2013

- ILLINOIS, URBANA
- MICHIGAN
- MINNESOTA
- NORTH CAROLINA
- PITTSBURGH
- VIRGINIA
- VIRGINIA
- WISCONSIN
Presentations: peer comparison 2

Peers: Presentation Participants: 2004-2013

- Delaware
- Maryland
- Ohio State
- Pennsylvania State
- Pittsburgh
- Rutgers
- SUNY-Buffalo
Aspirational Peers: Presentation Participants: 2004-2013

ILLINOIS, URBANA
MICHIGAN
MINNESOTA
NORTH CAROLINA
PITTSBURGH
VIRGINIA
WISCONSIN
STAFF
Staff: peer comparison 1

Peers: Professional and non-professional staff
2006-2013
Staff: aspirational peer comparison 1

Aspirational peer institutions: Professional and non-professional staff 2006-2013

- ILLINOIS URBANA
- MICHIGAN
- MINNESOTA
- NORTH CAROLINA
- PITTSBURGH
- VIRGINIA
- WISCONSIN
Staff: peer comparison 2

Peer institutions: % professional staff 2006-2013
Staff: aspirational peer comparison 2

Aspirational peer institutions: % professional staff
2006-2013

- ILLINOIS URBANA
- MICHIGAN
- MINNESOTA
- NORTH CAROLINA
- PITTSBURGH
- VIRGINIA
- WISCONSIN
ARL INDICES
ARL Investment Index

University of Pittsburgh ARL Investment Index
Rank: 2004-2013

2004: 31
2005: 27
2006: 31
2007: 31
2008: 30
2009: 31
2010: 29
2011: 36
2012: 34
2013: 33
ARL Investment Index Ranking

Peers ARC Investment Index Rank: 2004-2013

Graph showing the ranking of various entities from 2004 to 2013. The entities are represented by different colored lines and markers, each labeled with their name: Delaware, Maryland, Ohio State, Pennsylvania State, Rutgers, and SUNY-Buffalo.
ARL Investment Index Ranking

Aspirational Peers ARC Investment Index Rank: 2004-2013