Measuring library impact on learning at the University of Huddersfield

Recent research at Huddersfield has shown a correlation between library use and final degree result. It has also revealed the extent of usage/non-usage of library resources across courses.

**What was measured?**
- Access to e-resources (using logins to MetaLib recorded regardless of location and study)
- Book loans (using statistics from the Horizon Library Management System)
- Visits to the library (using gate entry statistics from Sentry)

This data was then matched against the Student Records system.

**What were the results?**
- In broad terms, a correlation between final degree and access to e-resources and book borrowing.
- A less significant link with library visits, explained in part by the common entrance with student support services.
- Significant levels of low or non use of library resources.

**Average total library usage v final degree class**
(all 2007/8 & 2008/9 graduates)

<table>
<thead>
<tr>
<th>Class of Degree</th>
<th>Average Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>56</td>
</tr>
<tr>
<td>2</td>
<td>63</td>
</tr>
<tr>
<td>3</td>
<td>75</td>
</tr>
<tr>
<td>4</td>
<td>86</td>
</tr>
<tr>
<td>5</td>
<td>57</td>
</tr>
</tbody>
</table>

**Examples of average total library usage v final degree class**
(2007/8 & 2008/9 graduates)

**Points to note**
- Pattern of usage varies between Schools but there is an overall correlation with book and electronic usage.
- Important to acknowledge subject differences. There are often pedagogic reasons for apparent low usage of library resources. Practice-based subjects in Art and Design may have less of a requirement to borrow books or access e-resources than Humanities-based subjects, for example.
- This is not a cause and effect relationship and libraries must be careful not to overstate the case. There will be many variables which impact on a student's final degree result, and use of library resources will be just one.

**Library usage/non-usage data**

Usage data for the School of Human and Health Sciences, all cohorts 2005/6 - 2008/9

The graphs to the left illustrate library usage/non-usage data extracted for each School.
- Data shows extent of library usage ranging from no use (red) to relatively high use (green).
- Appears to be a significant amount of low/non-use. Despite steady increase in most subjects in recent years, there is clearly potential for much greater usage.

**Next steps**
- Apply tests of statistical significance to data
- Share findings with Heads of Department and academic managers
- Liaise with course tutors to explore reasons for unexpectedly low usage
- Agree Action Plan, to include:
  - Targeted promotion of resources to students and staff
  - Review of induction
  - Embed information skills training
  - Targeted resources allocation - agree Resource Statement with each department
- Monitor improvements
- Benchmark with other institutions

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