Online Data Publishing for Institutional Analysis

Linda Brunson, M.A.
Institutional Research Analyst
784-4546
lbrunson@unr.edu

Institutional Analysis
http://www.unr.edu/ia
Online Databook Overview

- Institutional Analysis
  Online Databook
  - Goal: to make desired information easily accessible
University Headcount Data

- Static table used prior years
  - Limited space to display information
  - Often would get requests for combination of variables too great for static table
- OLAP Cubes published on SPSS Smartviewer Server
  - More variable combinations possible

- Static Online Headcount Table
- Online SPSS OLAP Cube - 2004 Headcount
HS GPA of New Freshman

- Common Request
  - Often performed adhoc research in response to requests
- HS GPA of New Freshman SPSS OLAP Cube
Department indicated that they use to get this information from A&R each semester but no longer.

We published static table

Using the OLAP cubes we are able to provide information useful to departments.

Static Online Grade Distribution Table

UG Grade Distribution by Dept SPSS OLAP Cube
Faculty & Staff Headcount

- Common request from a variety of data users
- Faculty and Staff Headcount SPSS OLAP Cube
Product Development Comparison

- **Maricopa CC OLAP Cube Server**
  - Consulting, software, hardware: $266,650
  - System/developer training: $53,632
  - Consultants developed cube design & architecture – still looking for OLAP person to maintain
  - Ongoing costs including tech staff ($72,000), consulting ($6,000), annual maint & fees ($6,000), and hardware replacement

- **UNR SPSS Smartviewer**
  - Consulting, software, hardware: $4,500
  - System/developer training: $0
  - In-house staff person developed cube design and SPSS interface
  - Existing IR researcher continues to maintain and develop product; hosted on existing library server; $825 annual maintenance fee
Presenting demonstration at national Association of Institutional Researchers conference

Approached by SPSS to give online “webinar” on SPSS smartviewer
To obtain a password, contact the site administrator.
Fall 2004 Faculty & Staff Headcount by Gender

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<th>Gender</th>
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<th>Job Type</th>
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<tr>
<td>Female</td>
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<td>Faculty</td>
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Source: HRS (Oct. 2004)