The Delaware Study Data Collection Process: Making the Most of a Data Warehouse and Managing Multiple Data Sources to Collect Data for the Delaware Study of Instructional Costs & Productivity

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Presentation Outline

• Overview of the Delaware Study and its data
• UD’s data collection process pre-PeopleSoft
• Transition to PeopleSoft and Data Warehouse, creates need to revise data collection process
• New Data Sources and Tools: PeopleSoft, Warehouse/Cognos
• Evolution of our data collection process & Lessons Learned
The Delaware Study

- [www.udel.edu/IR/cost](www.udel.edu/IR/cost)
- National benchmarking study
- Teaching activity by level of faculty, instructional cost, research and service expenditures – at discipline level
- Academic departments as “Budget Units”
- Data needed:
  - Course (student)
  - HR
  - Finance
2010 National Study of Instructional Costs and Productivity

Institution: 
Department/Discipline: 
Associated CIP Identifier: 
CIP Verified: 

Please indicate the average number of degrees awarded in this discipline at each degree level over the period from 2006-07 through 2008-09. If a degree level is not offered, leave as zero. If data are not available, please enter 'm' in the boxes:

- Bachelor's: 0.0
- Master's: 0.0
- Doctorate: 0.0
- Professional: 0.0

Place an "X" in the box below if this discipline is non-degree granting.

A. INSTRUCTIONAL COURSELOAD: FALL SEMESTER, 2009

Please complete the following matrix, displaying student credit hours and organized class sections taught, by type of faculty, and by level of instruction. Be sure to consult definitions before proceeding. Do not input data in shaded cells except for those mentioned in the important note below that pertains to (G) and (J).

<table>
<thead>
<tr>
<th>Classification</th>
<th>FIT Faculty</th>
<th>Student Credit Hours</th>
<th>Organized Class Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(A) Total</td>
<td>(B) Separate Budy.</td>
<td>(C) Instruction.</td>
</tr>
<tr>
<td>Regular Faculty:</td>
<td></td>
<td></td>
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<tr>
<td>- Tenured/Tenure Eligible</td>
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* OC = Organized Class  NA = Not applicable

In the box to the right, indicate the number of individualized instruction student credit hours from the total that are devoted to supervised doctoral dissertation.

Mark with "X" the box that indicates your academic calendar:

Semester: 
Quarter: 

www.udel.edu
B. COST DATA: ACADEMIC AND FISCAL YEAR 2009-10

1. Total student credit hours generated during Academic Year 2009-10, that were supported by the department/discipline instructional budget. (NOTE: Semester calendar institutions will typically report fall and spring student credit hours; quarter calendar institutions will report fall, winter, and spring student credit hours.)

   A. Undergraduate: 0
   B. Graduate: 0

2. Total direct expenditures for instruction in Fiscal Year 2009-10

   A. Salaries: $0
   B. Benefits: $0
   C. Other than personnel expenditures: $0
   D. Total (including benefits if it was calculated): $0

   Are the benefits included in the number reported for salaries (Y/N)?

   The dollar value is NOT available, what percent of salary do benefits constitute at your institution? 0.00%

3. Total direct expenditures for separately budgeted research activities in Fiscal Year 2009-10: $0

4. Total direct expenditures for separately budgeted public service activities in Fiscal Year 2009-10: $0

© 2010 University of Delaware. The National Study of Instructional Costs and Productivity was initially developed under a grant from the Fund for the Improvement of Postsecondary Education (FIPSE).
UD’s Data Collection Process (pre-PeopleSoft)

• SIS+ Mainframe system
• Course and Workload Verification – to clean up course files
• Data Sources:
  – Use course file for fall data (SCH, OCS, instructors of record)
  – HR fall official data for FTE and faculty levels
  – Finance data for instructional, research, and service expenditures
• Data linked to department funding the faculty’s salary
Transition to PeopleSoft

- UD data not in the Delaware Study for two years (2007 and 2008)!
  - PeopleSoft implementation
  - Staff changes
- Back to “square one”
Our Challenges

• New to the Delaware Study
• Knowing your campus experts
  – Data owners and practices
  – Understanding their data
• Awareness of institutional data priorities
  – RBB (Responsibility Based Budgeting
    http://www.udel.edu/Budget/rbb.html)
  – ICOR (Instructor College of Record)
New Process for Data Collection: How We Made it Work

• Balancing the “big picture” with the details
• Using the Data Warehouse to its full potential: Cognos Reporting
  – Student
  – HR
  – Finance
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Lessons Learned

• Start early
• Know your resources and campus data experts
• Course and Workload Verification is key to reporting accurate data
• Understand the “budget units” your academic departments occupy
• Keep in mind institutional data rules and priorities
• Create a flow-chart or map of how all the data elements will join together
• Always keep the big picture in mind, and revise your methods as you make improvements
Questions?

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Thank you!