

Creating a “Dashboard” to Assist Accreditation Self-Study

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Presentation Outline

- What is a dashboard
- Steps in building a dashboard
- Kean report sharing
- Discussion – How can NJ Institutions share data in a more timely and efficient way

What is a Dashboard?

- Car dashboard –
Displays what we need
to know to drive a car
safely:
 - Engine
 - Speed
 - Fuel
 - etc.



What is an Institutional Dashboard?

- Institutional dashboard -
Displays information on
whether the institution is
running effectively.



Characteristics of a Dashboard

- Key indicators – critical to institution's mission and operations
- Informative – meaningful in a context and relational connection
- Clear and easy to understand



Introduction to Kean

- Established in 1855
- Enrollment around 16,000
- Initial accreditation 1960
- Current Accreditation 2011
 - Site Visit: April 17-20, 2011
(this coming Sunday)



World-Class Education

To Assist Accreditation Self-Study

- Middle States 14 Standards
- Standard 7 - Institutional Assessment
 - Evaluate the overall effectiveness in achieving the mission and goals



We Need a Data Report

- How Kean has changed over the past ten years
- How Kean measures up comparing with peers
- This data report remotely resembles a dashboard.



Steps in Building a “Dashboard”

- Identify key performance indicators
 - Based on the importance to mission
- Identify data sources
- Select context and peers
- Select tools
- Design and develop



Identify Indicators

- Input indicators
 - Student demographics
- Process indicators
- Output indicators (Outcome)



Input Indicators

- Headcount – undergraduate/graduate
- SAT scores / high school GPA
- Percent needing remediation
- Minority percent
- Percent receiving Federal grants
- Percent of freshman applicants accepted
- Admission yield



Process Indicators

- Number of full-time faculty
- Full-time faculty as percent of total faculty
- Percent of full-time faculty tenured
- Percent of full-time faculty with full-professor rank
- Percent of courses taught by full-time faculty
- Student-faculty ratio
- Average class size
- Tuition and fees
- Tuition and fees as percent of revenue
- Instructional expenses per FTE



Output Indicators

- Second-year retention rate
- Four-year graduation rate
- Five-year graduation rate
- Six-year graduation rate
- Bachelor degrees conferred
- Master degrees conferred



Select Context and Peers

- Five-year trends
- Peer group options
 - Same Carnegie classification institutions
 - Nationwide institutions with similar characteristics
 - NJASCU institutions



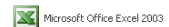
Data Sources

- IPEDS – Data Center
- NJASCU - Sourcebook
- NJCHE – Institutional Profile



Tool Selection

- Excel or Tableau
 - Easy graphics
 - Easy to use
 - Easy for print-out



Design & Development

- Decisions, decisions ...
 - Single page or multiple pages
 - Display both tables & charts or charts only
 - All peers in charts or only selected ones
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Report Sharing

- Kean Performance Indicator

<http://ir.kean.edu/irhome/PDF/Assessment/PerformanceIndicator2010.pdf>



Discussion

- How New Jersey institutions can better share information among ourselves in a more timely and effective way
 - NJASCU Sourcebook data
 - NJCHE Institutional Profile data