

# Using Data to Evaluate Performance and Inform Decisions

Lynn D. Akey  
Institutional Research and Assessment  
Minnesota State University, Mankato  
January 21, 2011

# Presentation Outline

---

Framework for Becoming Data Informed

Using Data

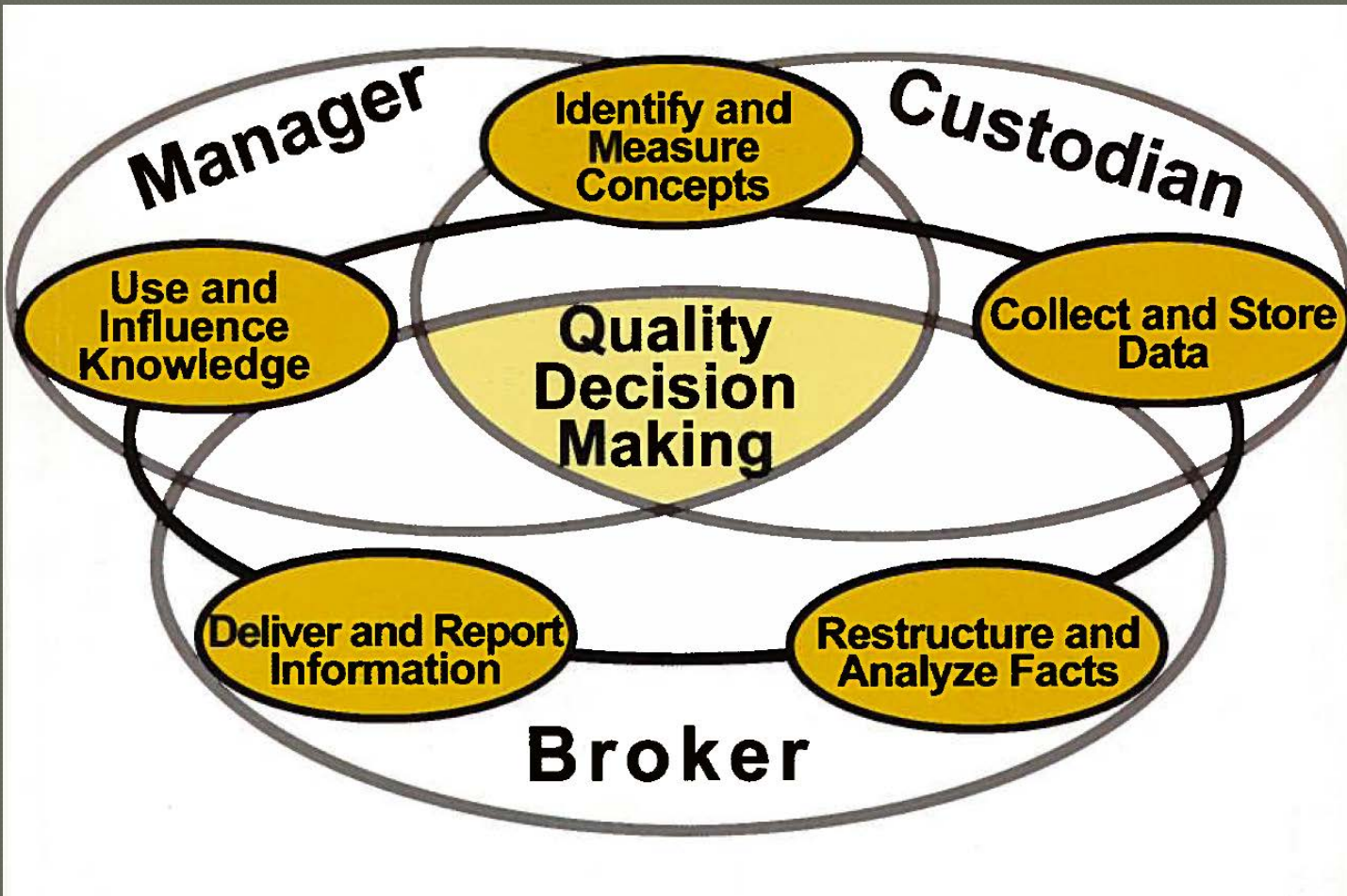
System Example

A. Accountability Dashboard/ Action Plan  
Progress Reports and Measures

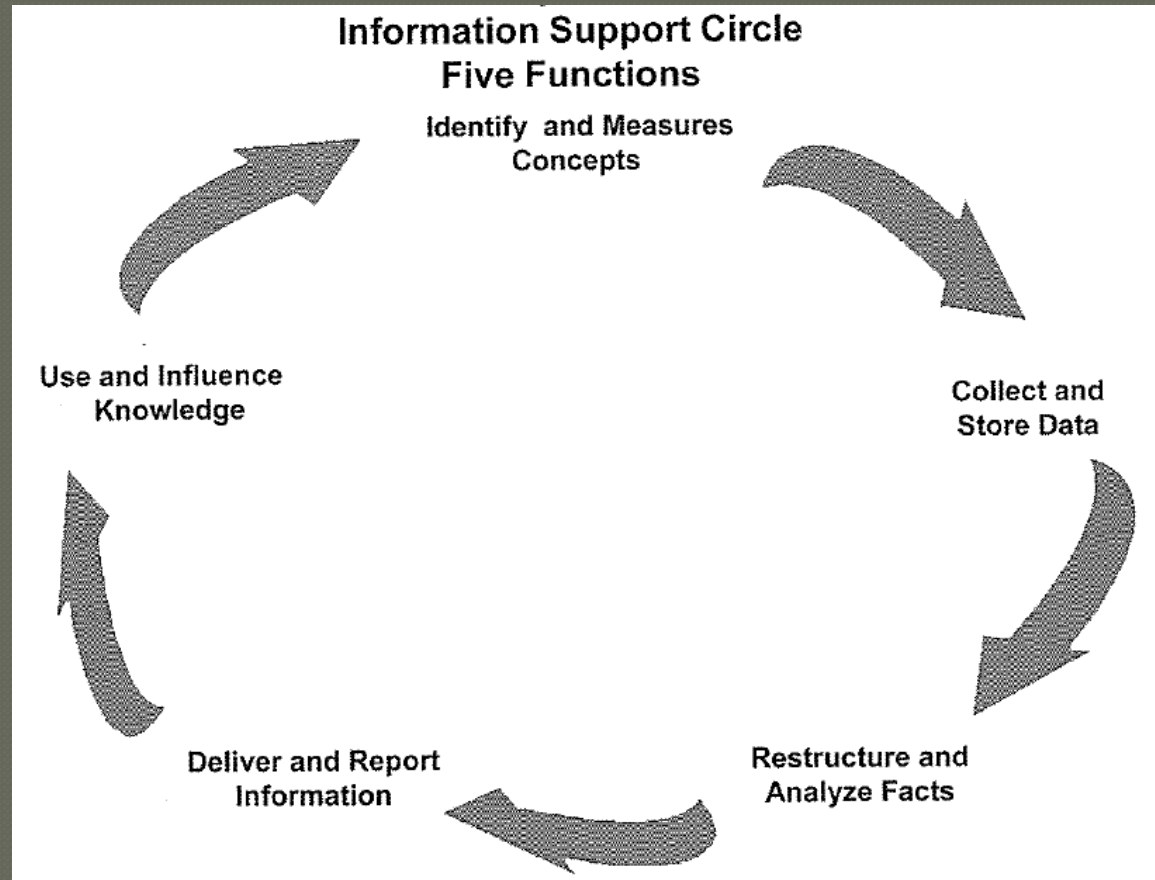
Local Examples

A. Program Evaluation Metrics  
B. Academic Data Summary

# Becoming Data Informed

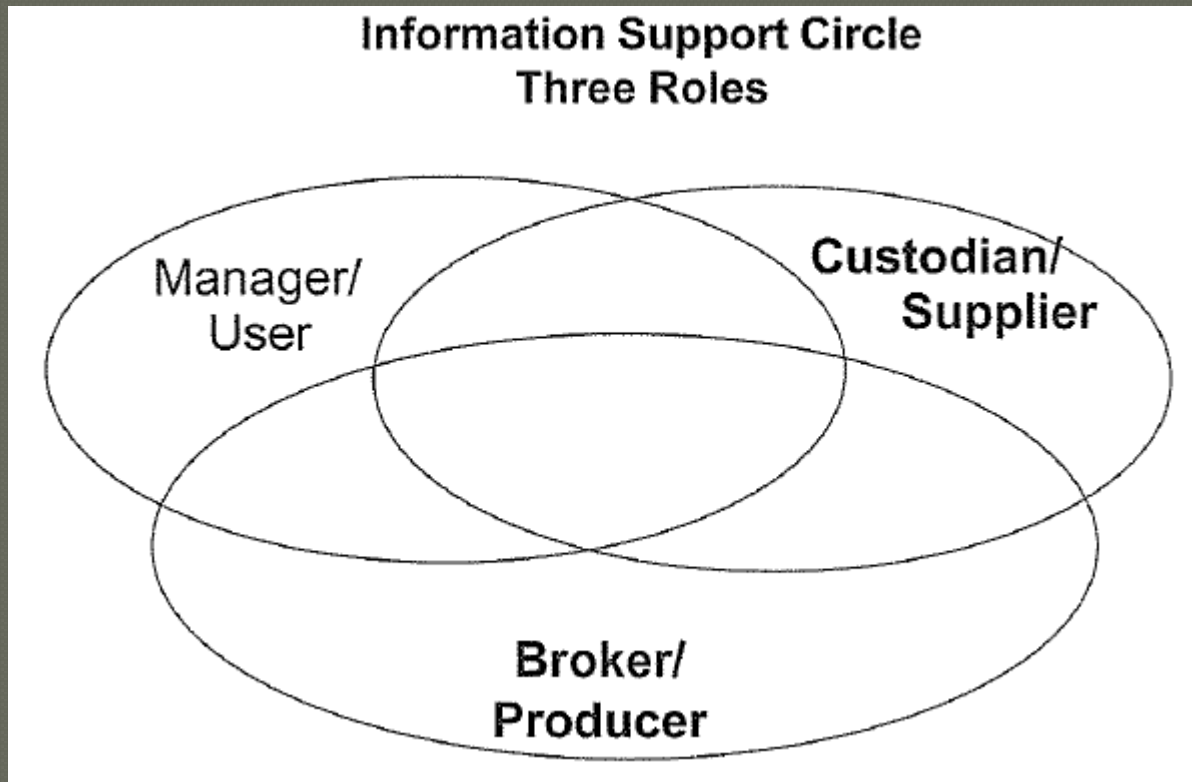


# Five Functions



# Key Roles

---

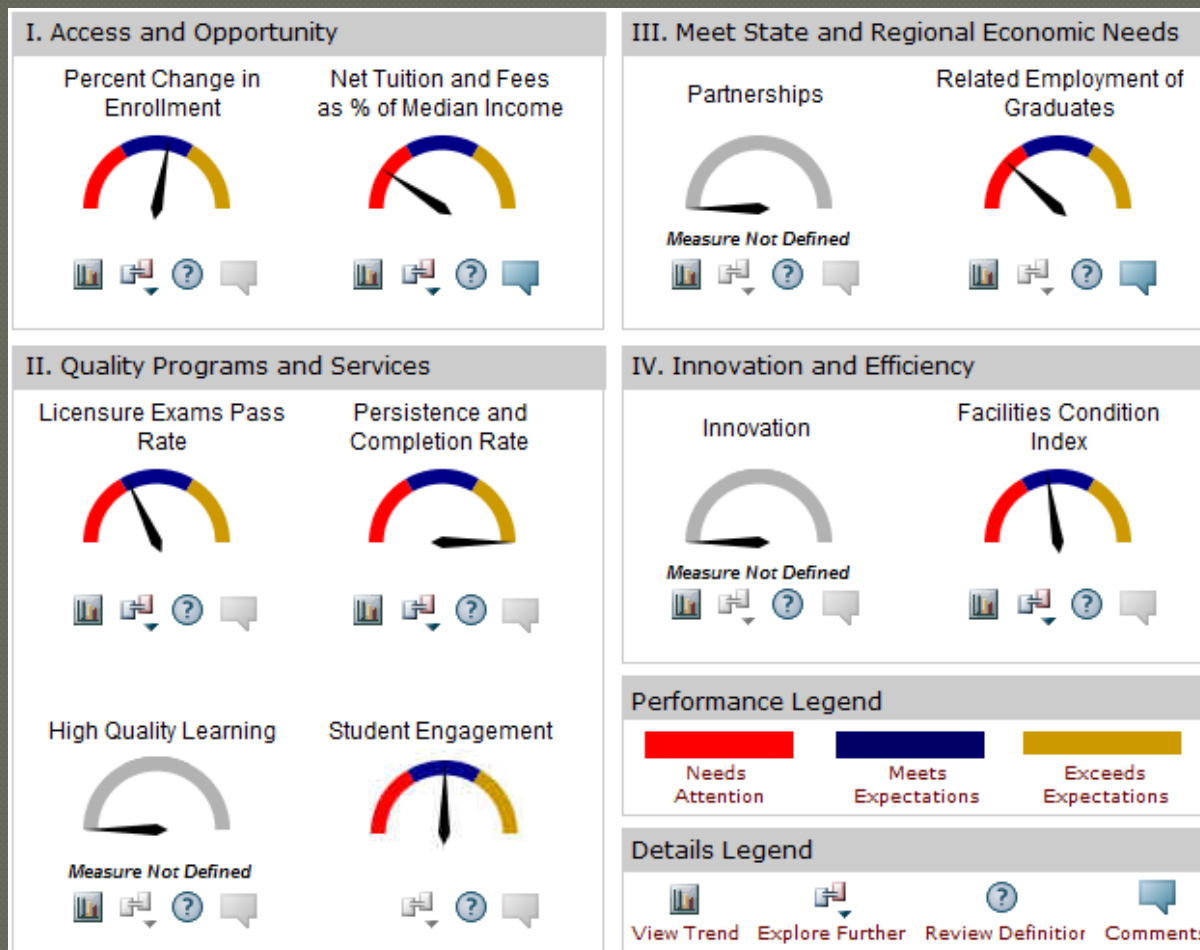


# Using Data

---

From an Institutional Perspective

# System Example: Accountability Dashboard



# Accountability Dashboard

---

- ◎ “The dashboard provides a snapshot of selected performance indicators and does not give a comprehensive picture of a college's or university's overall performance.”
- ◎ Action Plan Progress Reports and Measures - Persistence and Completion Rate for Underrepresented Students



# Persistence and Completion Rate for Underrepresented Students

---

The persistence and completion rate is the proportion of fall semester entering full-time regular and transfer undergraduate students:

- who enrolled at the same college or university during the next fall semester
- graduated from the same college or university
- or enrolled at another college or university

Underrepresented students include three groups:

- Students of Color – American Indian, Asian or Pacific Islander, Black and Hispanic students.
- Low Income Students – Classification is based on Pell eligibility using data from the Free Application for Federal Student Aid (FAFSA) and financial aid award data.
- First Generation Students – Classification includes students whose parents did not attend college based on student provided data on parental education.

# Persistence and Completion Rate

---

- Institutional Background:

- First-Year Student Retention Rate: 75.7%
- Persistence and Completion Rate: 90.80%
- Underrepresented Persistence and Completion Rate Six-Year Average: 86.97%

- High Impact Practices:

- Learning Communities
- First-Year Seminar
- Undergraduate Research
- College Access Program

# Persistence and Completion Rate for Underrepresented Students

## Strategic Direction 1: Increase Access and Opportunity

**Underrepresented  
Students: 2nd Fall  
Persistence and  
Completion Rate**



<b>Progress to Target:</b>	<b>-209.1%</b>
Base (Fall 2006 Cohort):	89.4%
Most Recent (Fall 2008 Cohort):	87.1%
Target (Fall 2013 Cohort):	90.5%

### Underrepresented Students: Second Fall Persistence and Completion Rate for Undergraduate Full-Time Degree Seeking Students

*Progress to Target: -209.1% to target as of the Fall 2008 entering cohort as measured in Fall 2009*

Entry Cohort	Measured in 2nd Fall		Persistence and Completion	Change in Rate From Base	Students in Entering Cohort	Successful Students
Fall 2006	Fall 2007	Base	89.4%		995	890
Fall 2007	Fall 2008		87.5%	-1.9%	1,169	1,023
Fall 2008	Fall 2009		87.1%	-2.3% (N)	1,109	966
Fall 2013	Fall 2014	Target	90.5%	1.1% (D)		

# Persistence and Completion Rate for Underrepresented Students

Entering Term	Entering Cohort	Second Fall Retained	Second Fall Transferred	Second Fall Graduated	Second Fall Success	Second Fall Success Rate
Fall 2003	1,129	839	148	4	991	87.8%
Fall 2004	1,152	848	121	1	970	84.2%
Fall 2005	1,064	779	132	2	913	85.8%
Fall 2006	995	787	102	1	890	89.4%
Fall 2007	1,169	875	144	4	1023	87.5%
Fall 2008	1,109	836	127	3	966	87.1%

## Underrepresented Students (2006-2008 Cohort Average)

- Students of Color – 26.58%
- Low Income Students – 68.62%
- First Generation Students – 39.04%

# Local Example: Program Evaluation Metrics

---

## ◎ Model Components

- Relationship to Institutional Mission
- Viability: Cost and Enrollment
- Viability: Mission-Centrality, Quality, and Employability Response

# Local Example: Program Evaluation Metrics

---

## ◎ Implications

# Local Example: Academic Data Summary

---

## ◉ Model Components

- Department Funded Credit Hours
- FYE Students
- Student Credit Hours Adjusted
- Expended FTEF
- Student-Faculty Ratio

# Local Example: Academic Data Summary

---

## ◎ Implications



**Questions or Comments?**

---