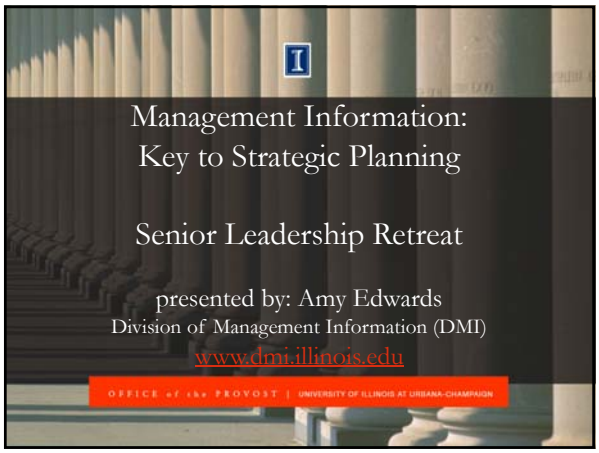


How can DMI help you?

- With standard web & paper reports
- With custom reports
- With advice on where to find and how to use management data

Why be data-savvy?

- To better manage your unit
- To know what others know about you
- To respond to inquiries
- To avoid reinventing the wheel

Set a bookmark today:

dmi.illinois.edu

http://www.dmi.illinois.edu

UIUC Campus Profile

Ten years of data summarized by department, college and campus:

- Budgets & expenditures
- FTE and headcount staff
- Student enrollment
- Course enrollments & IUs
- much, much more!

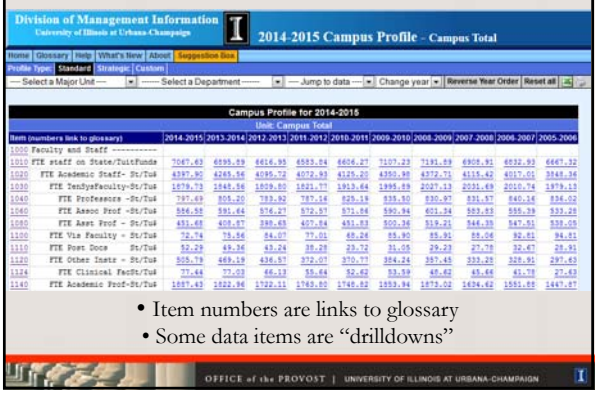
UIUC Campus Profile -- Uses

- Compare your unit to similar units on campus
- Look at your unit over time

UIUC Campus Profile
Types of Profiles Available

- Standard: Approximately 400 items
- Strategic:
  - Campus-wide metrics
  - College/Unit-specific metrics
  - Dashboards
- Custom: Over 600 items

Standard Profile



- Item numbers are links to glossary
- Some data items are "drilldowns"

Campus Profile Drilldowns

Any data item that appears to be a link is drillable

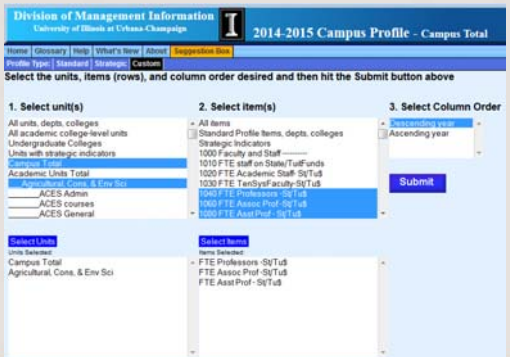
- FTE: get staff lists with appointment info
- Expenditures: see details by fund and account
- Students/degrees: counts by student program, breakouts by gender, race/ethnic, residency
- IUs: breakout by section

Details by Program for Students listed for *Campus Profile* Item 3600 for unit 1B1-KV-KV0-257

Glossary

Dept	Program (collcurr)	Degree	Major (curriculum name)	Concentration	Total	By Gender		By Residency		By Time		African American			B A Am
						M	F	IL Res	Non Res	Part	Full	All	M	F	All
1-257	10KV0439BALA	BALAS	Mathematics		1	0	1	1	0	0	1	0	0	0	0
1-257	10KV0439BSLA	BSLAS	Mathematics		320	184	136	289	31	4	316	13	7	6	43
1-257	10KV0461BSLA	BSLAS	Actuarial Science		245	166	79	200	45	3	242	6	3	3	37
1-257	10KV1438BSLA	BSLAS	Math & Computer Science		125	114	10	99	26	5	120	4	2	2	19
1-257	10KV3896BSLA	BSLAS	Mathematics	Graduate Preparation	1	1	0	1	0	0	1	0	0	0	0
1-257	10KV3897BSLA	BSLAS	Mathematics	Mathematics Teaching Option	26	11	15	26	0	0	26	0	0	0	2
1-257	10KV8037BSLA	BSLAS	Actuarial Science		4	1	3	3	1	0	4	0	0	0	1

Custom Profile



Strategic Profiles

- Campus-wide set of metrics organized by campus goals
- College-specific goals, metrics for each goal, and targets for each metric
- Charts available for many metrics

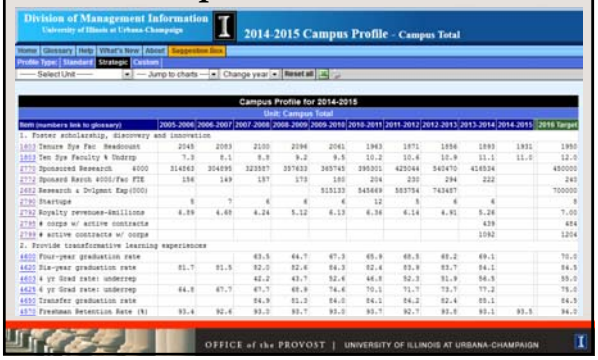
Strategic Profiles – Campus-Wide Metrics

Metrics that are the same for all units

- Students
- Faculty
- Programs

Selected items are graphed on Dashboard

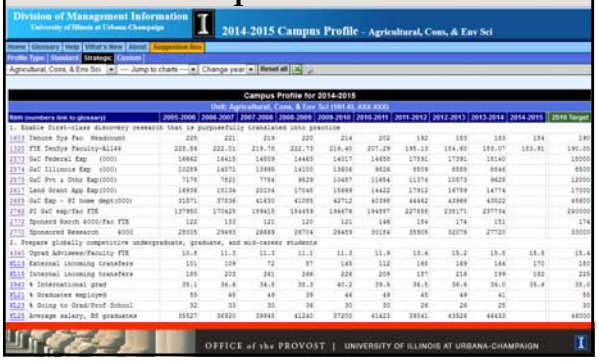
Strategic Profiles - Campus-Wide Metrics



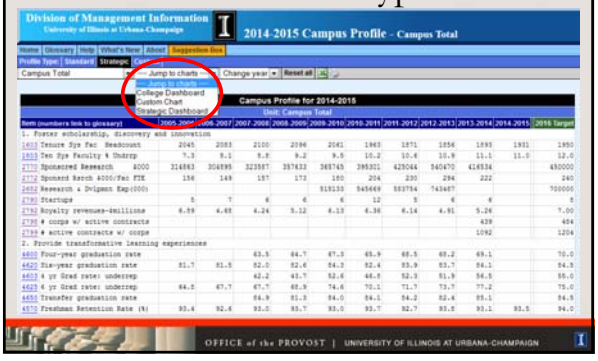
Strategic Profile – Unit-Specific Metrics

- Organized by goals
- Targets set by the unit
- Primarily college and major unit only, can be extended to depts

Strategic Profile – Unit-Specific Metrics



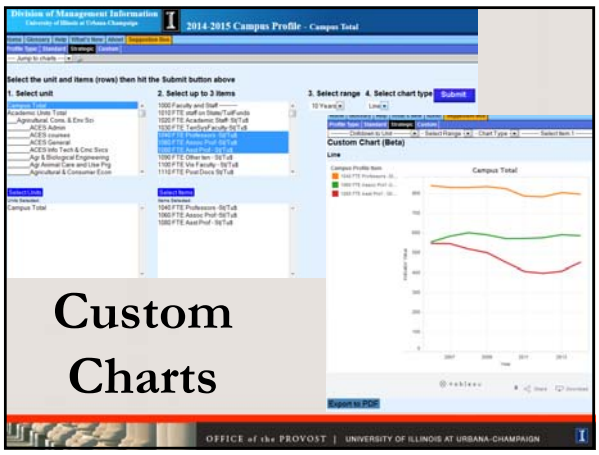
Strategic Profile - Three Chart Types



Strategic Dashboard

College/School Dashboards

Custom Charts



Course Information System

- Sections, IUs, Instructors by
  - "Offering" department
  - "Paying" department
  - "Controlling" department
- Data back to Fall 1987
- Deals correctly with renumberings, crosslistings, new subject names

Course Information System Example Reports

- All courses one year
- All years for one course
- Selected courses and selected terms
- All courses, all years for one faculty member
- Six – Ten reports
- Anomaly reports

Other Information Resources for Managing the Instructional Mission

- Student Enrollment Reports
  "Official" 10-day Enrollments
- Consolidated Class Rosters
- Section Instructor List/Dept Rosters

Information Resources for Managing your Students & Tuition Revenue

Tuition, Waiver and Appointments System

Tuition charges and waivers for undergraduate & graduate students enrolled in your unit by term. Includes residency, tuition schedule, range for each student, plus all waiver-generating appointments

Who's Who at the UI: Departments and Executive Officers

- All departments in Urbana
- Unit heads & other contacts
- Staff directories
- URLs of each unit

Information Resources for Managing the Research Mission

Proposal Data System

All proposals submitted for grants/contracts 1996 to present. Searchable by:

-Investigator -Sponsor/agency

-Dept or college -Keyword

Academic Analytics

- Online Faculty Scholarly Productivity Tool
- Provides comparative data for research universities
- Organized according to the National Center for Educational Statistics (NCES) Classification of Instructional Programs (CIP).
- Comparisons are available for broad taxonomy level, program level, department level and university level.

AA FSPI & Weights

- Faculty Scholarly Productivity Index (FSPI) z-score was developed to facilitate broader comparisons across disciplines and universities.
- For each discipline, weights are assigned to each variable and variable family. A variable is excluded if it is not part of normal research activity for a discipline.

AA Activities

- Areas of research activity
  - book publications
  - journal article publications
  - journal article citations
  - conference proceedings
  - federal grants
  - professional honors and awards

AA Sources

- Example sources include, but are not limited to,
  - CrossRef
  - National Science Foundation
  - U.S. Department of Education
  - National Endowment for the Humanities
  - U.S. Department of Agriculture
  - Department of Energy

AA Timeframe

The 2013 database includes the following data

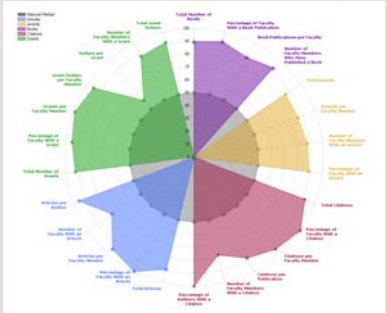
- Faculty: Academic Year 2013-2014
- Journal Articles: 2010 - 2013
- Citations: 2009 - 2013
- Conference Proceedings: 2010 - 2013
- Books: 2004 - 2013
- Grants: 2009 - 2013
- Awards: No Limit

AA Comparisons

- Select peers and variables for comparison purposes.
- Peers may be selected manually or by Institution Criteria
  - Sector, Region, State, AA Classification, Carnegie Classification, AAU Member Status and Land Grant Institution
- Raw data and visual representation of the data may be viewed online or downloaded into Excel or PDF.

AA Sample Visualization

Sample Discipline: Psychology, General (144 programs)

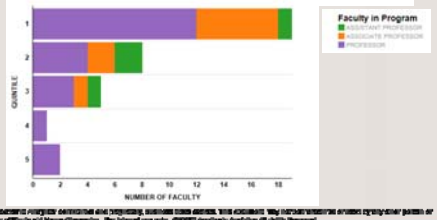


AA Sample Visualization

Sample Discipline: Psychology, General (144 programs)

Average metrics for all the US Scholars in the selected discipline.

Quintile	# Faculty	Citations	Articles	Awards	Books	Grants	Annual Grant Dollars
1	860	474.20	33.55	0.76	1.37	2.09	$542,307.54
2	844	150.53	15.83	0.31	0.65	1.00	$233,557.70
3	837	76.23	9.68	0.19	0.54	0.67	$138,156.21
4	845	30.15	5.52	0.21	0.54	0.39	$68,393.82
5	832	4.90	1.40	0.09	0.45	0.11	$15,715.46



AA Faculty List

- Faculty lists by doctoral program and department are generated by DMI and verified by units.
- Lists include tenure-system and emeritus faculty who hold appointments, including zero-percent appointments, as of October 15.
- Faculty listed in two programs would be counted in each program but would be counted only once at the aggregate level.
- Included are academic departments and independent schools outside of colleges.
- Excluded are schools within colleges, centers and institutes.

AA at Illinois

- Illinois currently has access to aggregate data
- AA provides faculty details on a person-by-person basis; however, Illinois' subscription does not include access to this data.
- Access is granted to individuals in academic leadership positions on our campus

Additional Information Resources for Managing Your Unit

- Course Information System:
  - Teaching Histories
- Activity Reporting System:
  - Salary Histories from FY89
  - Cost Sharing Commitments

Other Information Resources Available to Units

- Banner
- Decision Support:
  - Eddie/Business Objects
    - Standard reports
    - Point & click report generation
- Enterprise Data Warehouse (EDW)
  - for programmers

A Note on Data Quality

Garbage in → Garbage out

The data we work with originates in the departments. Please make sure your staff members know how important it is to verify the data are entered correctly.

A Note on Data Security

As EO, you are responsible for the uses of data in your unit. Make sure your staff know and obey the policies and laws on data privacy, especially with student data (FERPA).

Towards A Data-Driven Decision-Making Culture

More and more, decisions on campus are driven by data. Take the time to understand the sources of data you have available and use them !!!

Web Systems Available

- Activity Reporting System
- Campus Profile
- Course Information System
- Departments & Executive Officers
- Proposal Data System
- Section Instructor List
- Student Enrollment Reports
- Tuition Assessment/Waiver/Appt Reports

Let DMI Help

Call (333-3551) or email (dmi@illinois.edu)

- Navigation through our site
- Understanding the data
- Where to find data
- Special reports needed

?? Questions ??