Update on EDUCAUSE's Benchmarking Work

Maturity and Deployment Indices

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Overview

- Maturity and Deployment Indices
- EDUCAUSE self-assessment tools
- EDUCAUSE benchmarking tools
- CDS Reporting
- New EDUCAUSE Benchmarking Service

Maturity Indices

- Measure the capability to deliver IT services and applications in a given area
- Examine multiple dimensions
  - Culture
  - Process
  - Expertise
  - Investment
  - Governance
  - Not just technical dimensions

Deployment Indices

- Measure stages of deployment for specific technologies and services
- Aggregated to track progress in a domain

EDUCAUSE Self-Assessment Tools

- Learning Spaces Rating System
- Information Security Program Assessment
- ECAR Maturity Indices
  - E-learning
  - Analytics
  - Research computing

ECAR Analytics Maturity Index

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Analytics Maturity Index

Data/Reporting/Tools

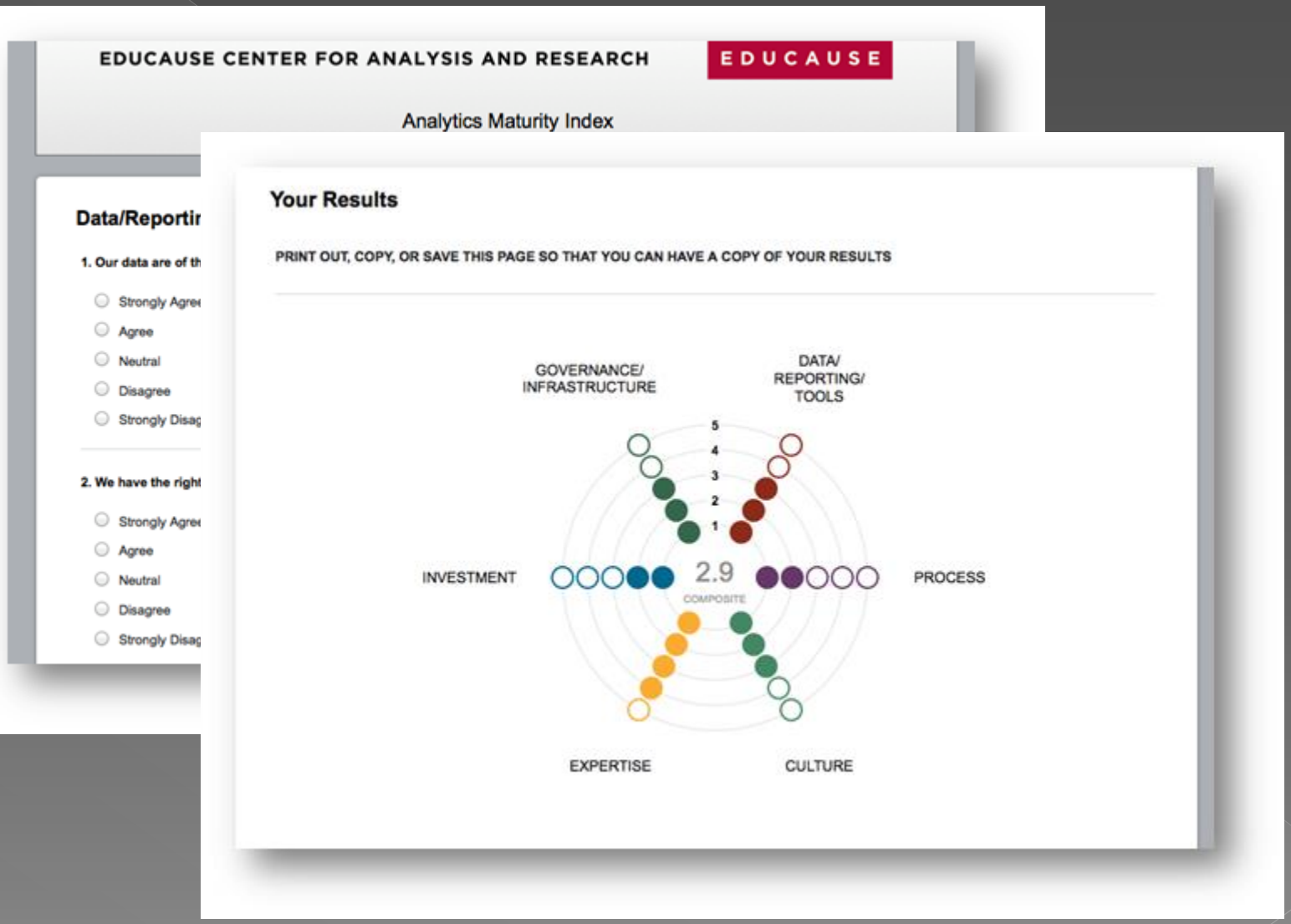
1. Our data are of the right quality/are clean. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

2. We have the right kinds of data. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

ECAR Analytics Maturity Index



ECAR Analytics Maturity Index

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Analytics Maturity Index

Data/Reportin

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Your Results

PRINT OUT, COPY, OR SAVE THIS

INVESTME

Interpreting your score:

Undeveloped (Emerging) 1 — 2 — 3 — 4 — 5 Mature (Transforming)

Getting to the next step:

Note the scores for each of the analytics factors. Which ones are relatively weaker? Want to advance analytics at your institution? Take the following steps.

Data/Reporting/Tools

3

- Work on collecting the right data to answer strategic questions.
- Improve data cleanliness, accessibility, and quality.
- Work on standardizing data to support comparisons inter- and intra-institutionally.
- Develop a course of action for obtaining and maintaining the right analytics tools for your institutional needs.
- Ensure reports are in the right format to inform decisions.
- Develop practices that make data collection and reporting repeatable.
- Develop practices that eliminate, phase out, or update data and reports that are no longer valuable.

Governance/Infrastructure

3

- Develop security policies and practices that safeguard data for analytics.
- Develop policies regarding access to institutional and individual data, including IRB policies.
- Develop and maintain the capacity to store, manage, and analyze large volumes of data. Plan for future expansion.
- Create policies that decrease or eliminate data protection or siloing by pockets of individuals.
- Build on the number of IT professionals at your institution who have the right training to support analytics.

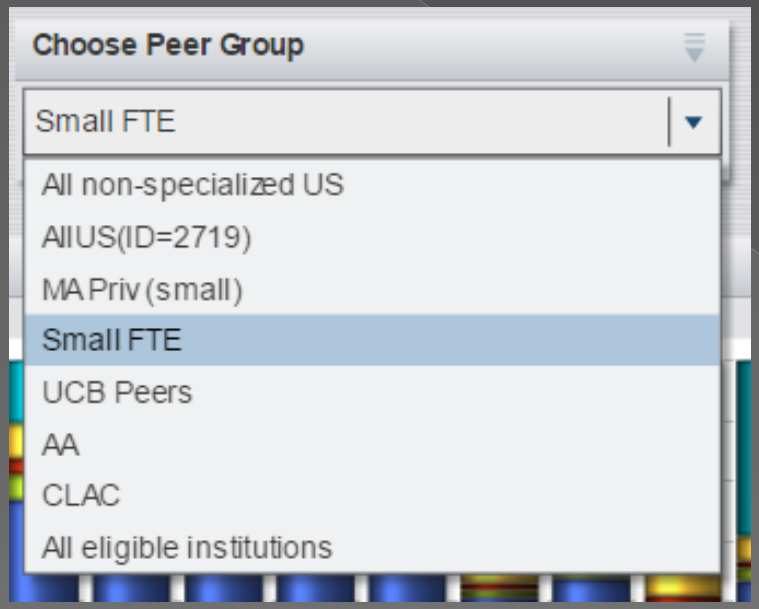
EDUCAUSE Benchmarking Tools

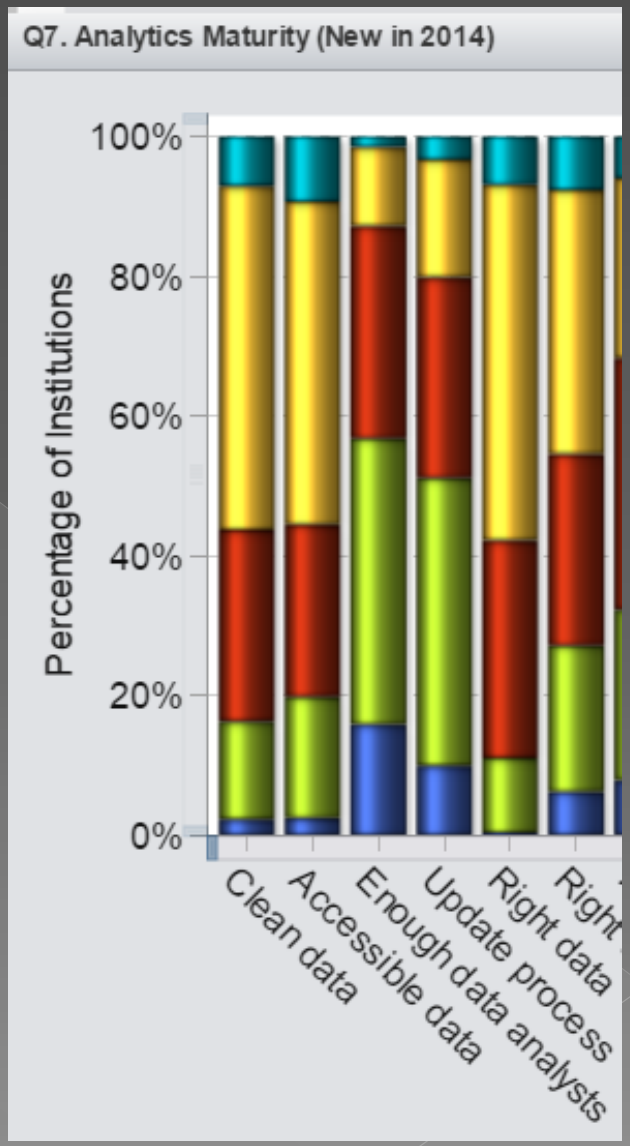
- EDUCAUSE Core Data Service
  - IT financial, staffing, and services
  - Over 800 participating institutions
  - Access to identifiable data for custom peer grouping
- Technology Research in the Academic Community
  - Student and faculty tech experiences and expectations
  - Access to institution's raw data and benchmarking reports (broad peer groups)

Library of Indices in CDS 2015

- E-learning
- Analytics
- Research computing
- Information security
- Student success technologies
- IT governance
- IT risk management
- Culture of innovation

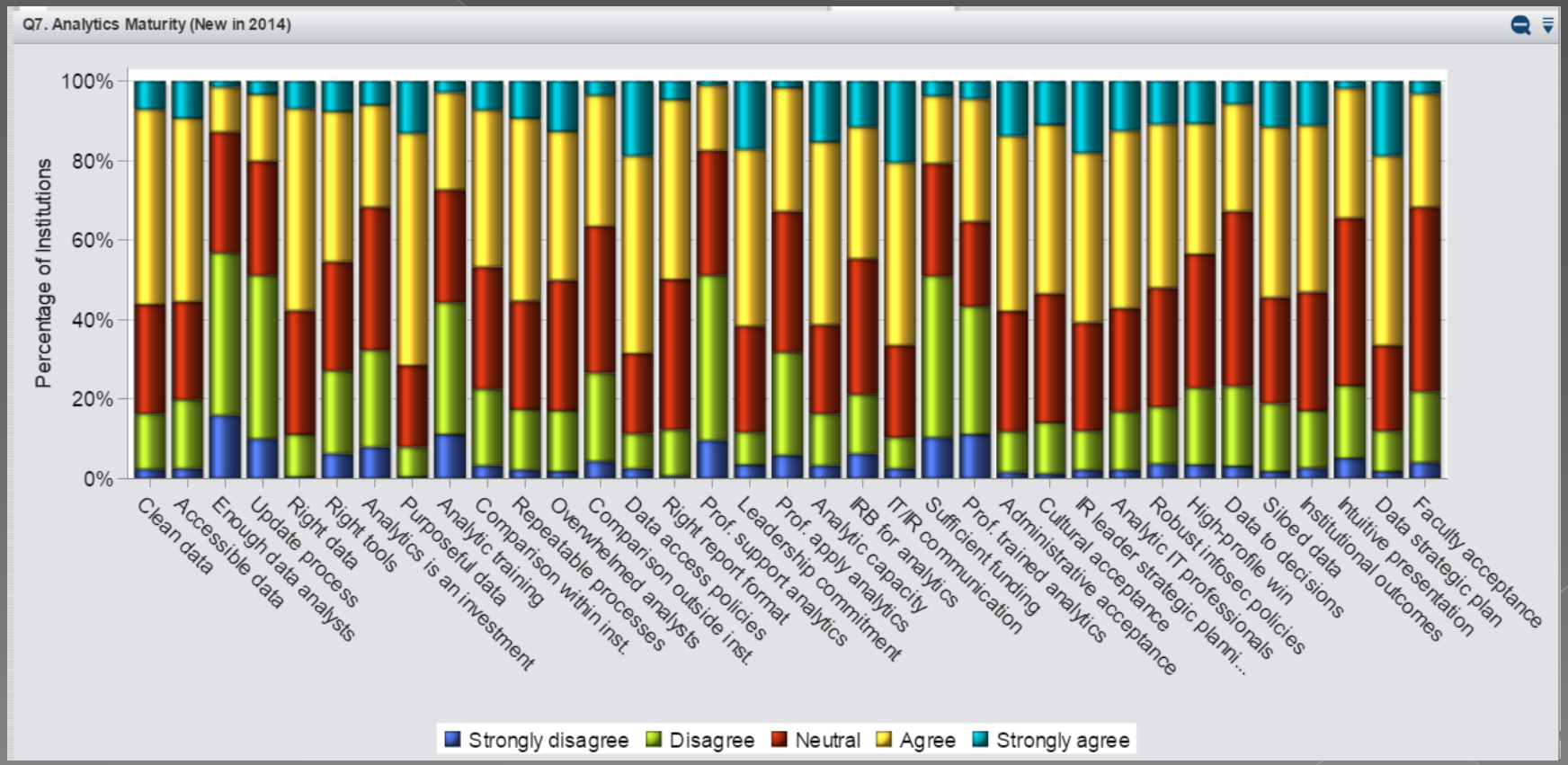
CDS Reporting: Benchmarking Index Items



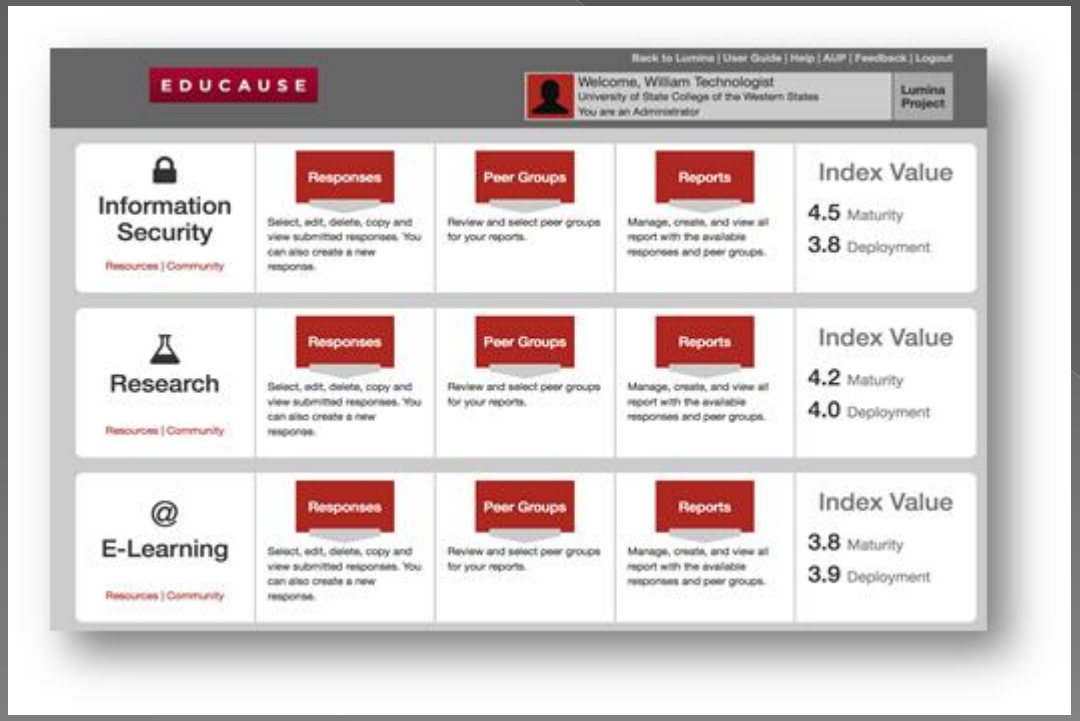


*Global Complexity Index can help users build peer groups

CDS Reporting: Benchmarking Index Items



EDUCAUSE Benchmarking Service *BETA*



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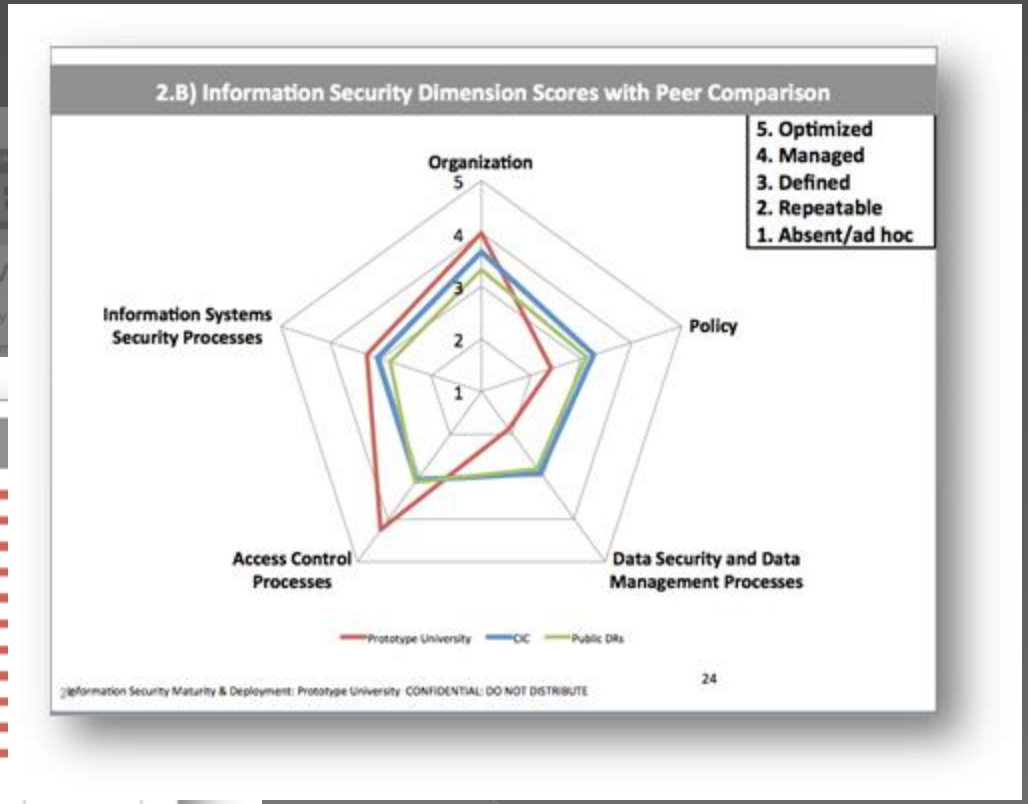

EDUCAUSE Benchmarking Service *BETA*