
Institutional Research Webinar

Spring 2024

CT STATE
COMMUNITY COLLEGE

Presenters

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Agenda

- What is the Role of Institutional Research?
- What IR Can Do for You: Introduction of CT State Data Portal
 - New Data Requests
 - Existing Reports and Dashboards
 - Survey Support
 - Program Review Support
- Voluntary Framework of Accountability (VFA)
- Data Governance
- Planned Outreach
- Q&A

The Role of Institutional Research

Source: Association of Institutional Research

-  Identify information needs
-  Collect, analyze, interpret, and report data and information
-  Plan and evaluate
-  Serve as stewards of data and information
-  Educate information producers, users, and consumers

Institutional Research at CT State

- Support institutional decision-making
- Provide data on student success metrics and highlight equity and achievement gaps
- Develop benchmarks and metrics to support strategic planning
- Support accreditation, program review, student learning outcomes assessment
- Mandatory state and federal reporting
- Increase data literacy within CT State community
- Serve as a resource for best practices in institutional research

CT State Data Portal

ctregents.sharepoint.com/sites/ctstatedata



Data Portal for CT State Community College

Private Only

☆ Not following ⚙ Site access

+ New ⚙ Page details 📊 Analytics

Published 4/3/2024 🔄 Share ✎ Edit ↗

Request Data

[? Data Request Form](#) [🌐 CT State IRB](#)

Recent Reports

See all



Data Portal for CT State Community College

Dashboards

[📊 Program Vitality Report](#) [📊 Not-yet-registered Student Dashboard Sp24](#) [📊 Admissions Dashboard Sp24](#)

[📊 Guided Pathways KPIs](#) [📊 Course Modality Dashboard Sp24](#)

Voluntary Framework of Accountability

What is the VFA?

- First-ever national accountability system for community colleges.
- Metrics focus on student progress and outcomes before, during and after college attendance

Why do we need the VFA?

- Existing accountability measures in higher education do not adequately measure the unique mission of community colleges.

VFA Metrics Include:

- Developmental Education (credits attempted, % reaching college readiness, % completing college level course)
- One Year Progress (credits earned, % completing college level Math and English, Term to term persistence)
- Two Year Progress (credits earned, year to year retention)
- Six Year Progress (degree completion, transfer, persistence)
- Career/Technical Education (credit and non-credit enrollment, completions, median wages, licensure pass rates, industry credentials)
- Adult Basic Education (completion, continuing education, employment)

Data Governance

What data governance is:

- The exercise of decision-making and authority for data-related matters
- A set of practices needed to respond to change
- Concerned broadly with the use and value of data

Data governance is ***not***:

- Information security enforcement
- Related to shared governance or curriculum governance

Why is Data Governance Important?



- Effective communication
- Shared language and understanding
- Well-defined workflows and processes
- Simple resolutions to questions
- Confidence in data



- Poor communication
- Talking past each other
- Doing work again and again . . . and again
- Stagnation and frustration
- Distrust of data

Data Governance Vision

Discoverability

Products are well-documented so anyone can find them

Addressability

Products are easy to find, repeat, maintain and consistently available

Trustworthiness

Feedback processes guarantee data quality

Self-Description

Labels use common business language (English, not Bannereese)

Interoperability

The output of one process can be used as the input to another

Agility

Governance processes are responsive to changing needs

Security

Data is protected according to statute, policy and best practice

Joint Council for CT State Data Governance (JCDG)

*I charge the Joint Council for Connecticut State Community College Data Governance with advancing institutional effectiveness through the **safeguarding, standardization, and democratization** of data. Data governance ensures that CT State leaders can make equity-minded, evidence-driven decisions to advance the mission of the institution and meet our responsibilities to the accrediting body and other stakeholders.*

– Terrence Cheng, Chancellor, CSCU

September 3, 2021

JCDG Membership

CSCU leadership selects representatives from:

- IT Business Intelligence
- IT Security
- Human Resources and Payroll
- System Academic Affairs
- System Institutional Research

CT State leadership selects representatives from:

- Institutional Effectiveness
- Enrollment Management
- Enterprise Resource and Planning (Banner Team)
- Student Financial Aid
- Diversity, Equity and Inclusion

JCDG Responsibilities

Develop data standards and definitions

Develop procedures for adhering to data standards and definitions

Serve as a forum to mediate discussions and disagreements about data

Consult on and approve procedures to distribute data

Initiate projects to audit data for clarity, accuracy, and external validity

Consult on and approve policies to ensure the security of sensitive data

Assist in data security and privacy efforts on behalf of CT State

Promote awareness of—and the value of—data governance

What is a Data Product?

- A data product is a reusable data asset built to deliver a set of trusted data for a specific purpose
- Data product examples →



Data Sets



Data Extracts



Spreadsheets
Reports



Visualizations



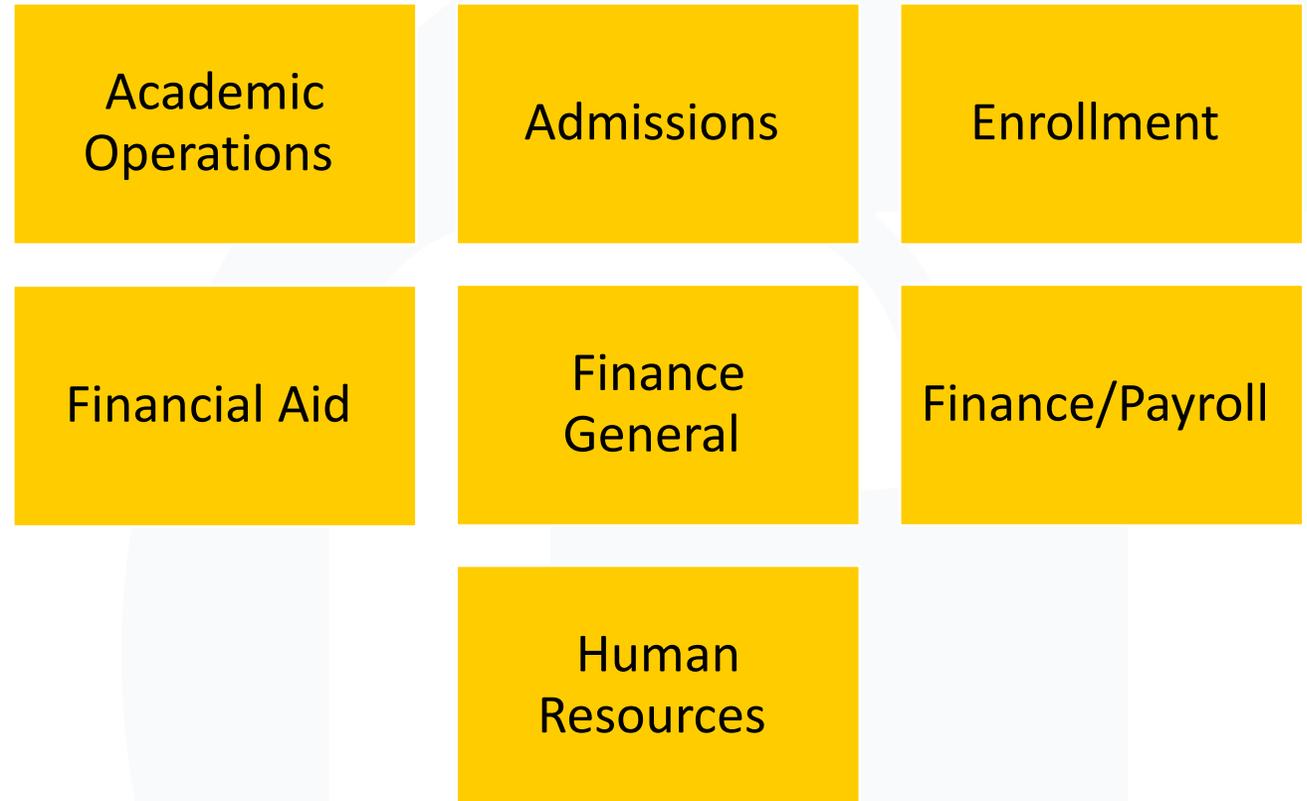
Dashboards



Application
Integrations

What is a Data Domain?

- A data domain is a collected scope of data and data products that tells the complete story about a well-defined business function
- Decisions and actions are delegated to domain workgroups
- Domain workgroups are accountable to their stakeholders
- CT State data domains →



Data Governance Roles

Executive Data Owner

- Has authority to sign off on risks, budgets, and hiring

Product Owner

- A subject-matter expert who can define data product meanings, make decisions about priorities, and ensure accuracy and completeness

Technical Lead

- A technical practitioner with a strong knowledge of the underlying source data who can marshal resources to carry out the work of the domain

Stakeholder

- Anyone whose needs for information are reflected in the form of data sets, reports, or other data products

Takeaways

- Data governance is a system for making decisions about data that supports the needs of interested stakeholders
- To make good decisions, we must share a common business language about data that includes definitions of roles, the objects under governance, and their attributes
- Product owners have latitude to set priorities, assign meaning, and assert decisions necessary to be accountable to stakeholders' needs

Data Domain Leaders

Data Domain	Domain Lead Name	Domain Lead Email
Academic Operations	JD Mathewson	jmathewson@commnet.edu
Admissions	Sarah White	swhite@commnet.edu
Enrollment	Noel Rosamilio	nrosamilio@commnet.edu
Financial Aid	Steven McDowell	smcdowell@commnet.edu
Finance General	Gennaro DeAngelis	gdeangelis@commnet.edu
Finance/Payroll	Gennaro DeAngelis	gdeangelis@commnet.edu
Human Resources	Michael Lopez	mlopez@commnet.edu

Additional Planned Outreach & Tools

- Data literacy courses
- Additional dashboards
- Campus visits
- Tell us what you need and how we can help

Q&A

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