

# LEADERSHIP & DATA GOVERNANCE

The MedBiquitous Community Action Planning (CAP) Leadership and Data Governance working group researched opportunities to engage health sciences leadership to promote and improve data governance and interoperability.

**Data Governance is the specification of decision rights and an accountability framework to ensure the appropriate behavior in the valuation, creation, consumption and control of data and analytics.**

## WHY IS THIS IMPORTANT

1 Improve data flow and make reporting easier with possible savings of cost on staff time and other resources.

2 Reduce manual efforts to clean data and create reports to support the wellbeing of staff who can reallocate their priorities and improve their work-life balance.

3 Facilitate data access for accreditation, decision making, strategic planning, continuous quality improvement, and competency-based medical education.

In 2022, the Leadership & Data Governance CAP working group surveyed the Medical Education Senior Leadership (MESL) to better understand pain points and opportunities. Below is a snapshot of opportunities for leadership to promote and improve data governance.

Of MESL respondents (n=41; 90% dean-related title):

Though 20% of leaders reported accreditation as their top fiscal priority, only 2% reported data governance, a critical aspect of supporting accreditation activities, as a top priority.



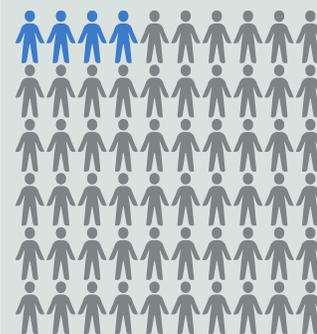
## INSTITUTIONS USE AN AVERAGE OF 15 UNIQUE SYSTEMS TO SUPPORT MEDICAL EDUCATION

### UNIQUE SYSTEMS

DATA REPORTING/VISUALIZATION 11%

ASSESSMENT/EXAM ADMINISTRATION 11%

EVALUATIONS 14%



60% of institutions have  $\leq 4$  data support staff



## HOW YOU CAN BOOST YOUR DATA GOVERNANCE

- Prioritize data governance activities within your institution
- Support MedBiquitous initiatives that address the lack of recognition around data standards and interoperability challenges

Find more information at [www.medbiq.org/initiatives/community-action-planning-working-groups](http://www.medbiq.org/initiatives/community-action-planning-working-groups)

# VENDOR RELATIONS HEALTH PROFESSIONS EDUCATION

The MedBiquitous Community Action Planning (CAP) Vendor Relations working group identified solutions for how vendors and health sciences institutions can work better together to achieve interoperability.



Vendor Relations are a focused attempt to create a publicly available low-barrier checklist for technology and data products to signal that they conform to MedBiquitous and other standards relevant to HPE and credentialing.

Vendor relationships allow the HPE community to create new innovation with seamless interoperability.

## Problems & Barriers

- Lack of interoperability
- Gaps between education needs, vendor products, and IT capacity
- Redundancy and lack of integrated data sets
- Lack of awareness on potential impact of standards adoption
- No common set of standards for HPE
- Organizational silos and limited information flow

## Solutions

- School buy-in
- Vendor buy-in
- Structured communication between education leaders, IT and vendors
- Creating a list of vendors that conform to these standards.

# DATA STANDARDS FOR SYSTEMS INTEROPERABILITY

## OVERCOMING BARRIERS TO ACHIEVE SUCCESS

The MedBiquitous Community Action Planning (CAP) Data Standards working group researched the challenges to interoperability that exist within the ecosystem and identified solutions for how to gain alignment between health sciences institutions, vendors and organizations to establish common standards.

A 2022 survey was conducted with....

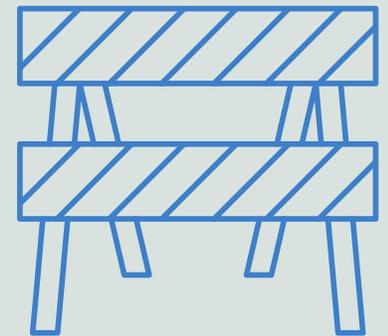
Data Standards  
Survey

Received 53  
Responses

Assessed  
Responses &  
Developed Next  
Steps

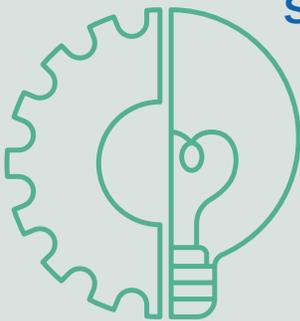
### Barriers & Challenges

- Lack of shared standards and requirements
- Standards not tied to accreditation
- Lack of accountability
- Phobias of standards: too rigid, barriers to innovation, etc.



### Solutions

- Establish national data standards and definitions
- Establish required metadata to create data harmonization across institutions
- Create teaching protocols/curriculums to help people understand the “why”



### TAKE-HOME MESSAGES

- Creating universal standards is key for systems interoperability
- These standards must be mandated by vendors, IT, accreditation councils, and leadership

