



MHEC Analytics and Management

Digital Modernization Overview
Presented by CLA (CliftonLarsonAllen LLP)

MHEC + CLA Journey

Challenge - Incorrect net asset balances across financial statements, bank accounts, and supporting documents.



Challenge – CLA engaged to conduct digital readiness assessment and health check.

Challenge – Support implementation and digital transformation (identified in assessment findings).



2021: Assess and correct accounting errors

2022 – 2023: Modernize finance function

2024: Assess digital readiness

2024 – 2025: Digital transformation



Outcome – Errors corrected; policies, practices, and systems changed to help prevent similar discrepancies from occurring in the future. Outcome – Modern, integrated financial software suite, upskilled MHEC team, efficient co-sourced staffing model. Outcome – Five strategic recommendations to better govern data, enhance data and reporting, and increase internal data leadership and support.

Outcome – A modernized, efficient, and effective data and technology environment that equips and enables MHEC's ability to create postsecondary educational opportunities and outcomes for all.





The Starting Point: Digital Readiness Assessment





Key Themes Derived From Discovery

Challenged sources of truth

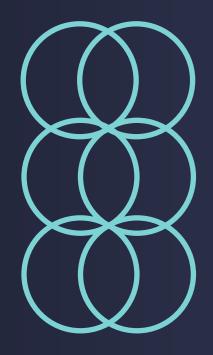
- Data silos and duplication, in small scale, exist.
- These challenge confidence in the data, systems, and reporting in various departments, resulting in separate, manual reporting.

Reporting and adoption varies by team

- Power BI reports not fully meeting needs and outcomes.
- Variation across MHEC exists re: technology maturity, accuracy, and fit; this impacts adoption and can impact data efficiency.

Complex data and reporting needs

 Current Tableau and Power BI dashboards have complex data collection for the critical reporting needs.



Manually intensive processes

- Critical, departmental functions and activities are manually orchestrated (e.g., cost savings, state insights).
- This impacts ability for those roles to focus on more valuable knowledge work

Challenged CRM

 Limited use, varied adoption, application configuration, and data retention (e.g., retaining historical info) challenges.

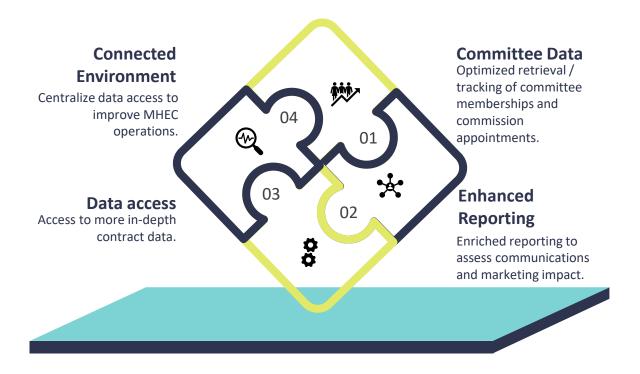
Lack of data governance

 No clearly defined or mandated technology governance, standards, or use (e.g., one Macbook in use, others using PCs; variation in tool/platform use — Tableau vs. Smartsheet vs. Power BI).





MHEC Strategic Outcomes







The Journey Ahead



1. Data governance

12 weeks: Low engagement



2. Data warehouse

16 weeks: Moderate engagement



3. Reporting

8 – 10 weeks: Moderate engagement



4. CRM

8 – 10 weeks: Moderate engagement



5. Increase data leadership

12 – 16 weeks: Low engagement

Low: $\sim 1 - 4$ hours/week

Moderate: ~ 5 – 12 hours/week

High: ~ 13+ hours/ week





Alignment to MHEC Priorities



Connected environment

Recommendations: Data warehouse, reporting



Data access

Recommendations: Data warehouse, reporting and data governance, increased data leadership



Committee data

Recommendations: Data governance, CRM



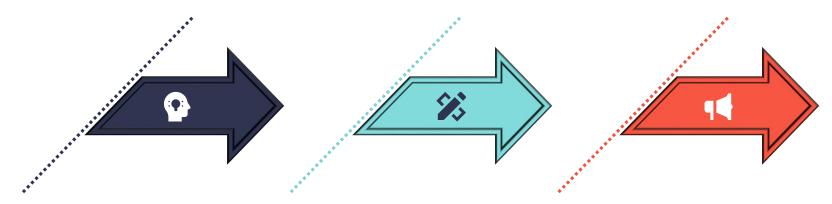
Reporting

Recommendations: Data governance, data warehouse, reporting





Status



Kick-off

 CRM, Data Warehouse, Reporting and Data Governance workstreams started

Data collection started

- Data collection for CRM optimization and data governance engagements in progress
- CRM user security analysis in progress

Data source rationalization

 Preliminary data source rationalization in progress







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CLA Nonprofit Survey Responses

50%

of nonprofit respondents' main goal is improving operational efficiency 49%

of nonprofit respondents' primary challenge is the management and use of fragmented systems and spreadsheets 67%

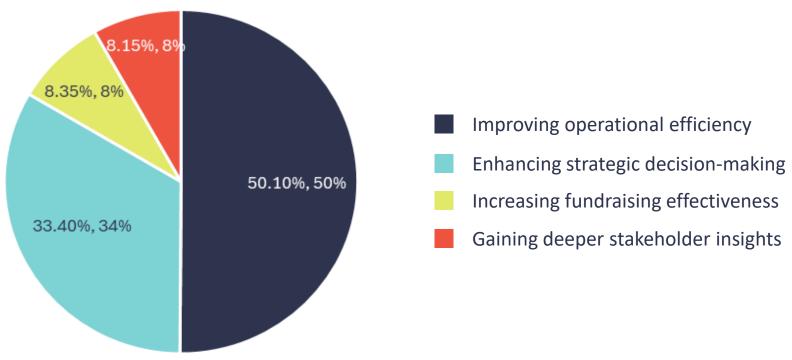
of nonprofit respondents' say their data integration/ centralized system use is "moderate" 65%

of nonprofit respondents' use "basic" analytic tools for reporting 43%

of nonprofit respondents' say data analysis/reporting is their top opportunity for streamlining



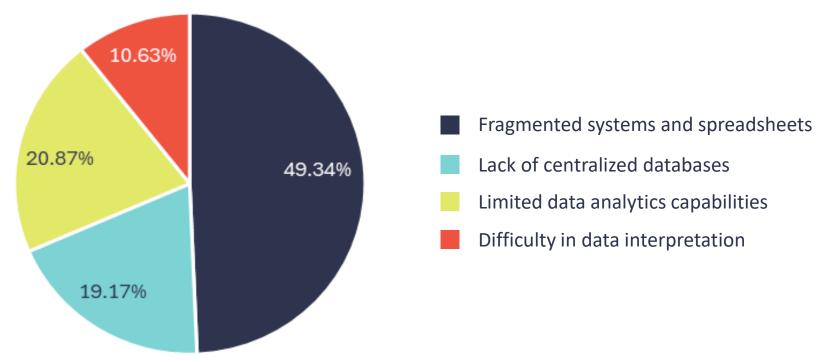
Main Goal for Enhancing Analytical Capabilities







What are the primary challenges your nonprofit faces with its current data management practices?

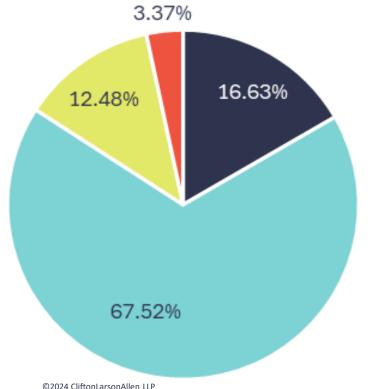






How would you rate your organization's current level of data integration and centralized system usage?



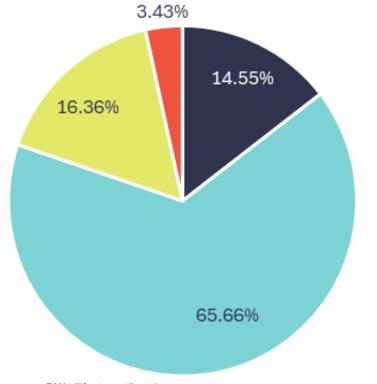


- Very low we rely heavily on fragmented systems
- Moderate we have some centralized systems but still face challenges
- High we use integrated and centralized systems effectively
- Excellent we have advanced, well-integrated systems





What types of advanced analytics tools are you currently using or considering?



- None we do not use advanced analytics tools
- Basic tools we use some basic analytics tools for reporting
- Advanced tools we use or are considering advanced analytics tools like predictive modeling or machine learning
 - Comprehensive analytics suite –
- we use a variety of advanced tools and predictive models





Which area of your data processes would benefit most from streamlining?

