OFFICE OF PUBLIC INSTRUCTION
STATE OF MONTANA

Putting Montana Students First A+

OPI Data Modernization – HB367 & HB949 Integration and Agency Data Needs Meeting

Date: Monday September 18, 2023 @ 10:30-11:00am MST

Purpose: Discuss and document OCHE and DLI data needs relating to HB367/HB947 and OPI's data modernization implementation approach

Attendees:

- Zam Alidina, OPI
- Chris Sinrud, OPI
- Andy Campbell, OPI
- Ashley Perez, OPI
- John Thunstrom, OCHE
- Eric Meredith, OCHE

Meeting Agenda:

Welcome and Introductions (Time: 5 minutes)

- Opening remarks and introduction of attendees.

Overview of Montana House Bill HB367 (Time: 5 minutes)

- A brief summary of the key provisions of the bill, emphasizing the need for data sharing and collaboration between OPI, OCHE, and DLI.

Project Status Update (Time: 5 minutes)

- Current status of the Database Modernization project.
- Highlight progress in facilitating data sharing and integration.

Discussion on Each Agencies Data Needs (Time: 10 minutes)

- Discuss how each agencies data needs and priorities.
- Address any concerns or challenges related to data security, privacy, or technical integration.

Next Steps and Action Items (Time: 5 minutes)

- Determine the immediate action steps required to advance the project in compliance with the bill.
- Re-Occurring Meetings

Meeting Highlights:

➢ DLI declined meeting invite
➢ OCHE successfully deployed an Oracle Cloud database eight months ago but has subsequently encountered difficulties in maintaining connectivity with DLI, hindering the integration of data sources and the sharing of data
➢ Current issue involves OCHE sharing data to OPI, but there is no reciprocal data flow from OPI to OCHE
➢ No technical blockers for integration services
➢ One of OCHE's long-term goals is to verify table names and gain access to snapshot data, which includes snapshot AIMS-wide information, student-level data, school tables, and legal entity tables
  o Objective is to trace school career to outcome of career for each Montana enrolled student
  o Create predictive analysis capabilities using data to aid in determining the optimal developmental path for students
  o Encourage higher education for k-12 students
➢ OPI future state will have a different table structure and utilize Snowflake technology (Data Lake)
➢ OPI future state to include Data Lake utilizing SnowFlake technology
➢ OPI currently does not capture student address
➢ OCHE uses social security number for matching data
➢ If SS information is not available, OCHE has alternative solutions for matching student information including developing a unique ID for each student
➢ **Action Item**: OCHE to send OPI table names and data request to OPI to conduct gap analysis and matching activity
➢ **Decision:** OPI and OCHE have mutually decided to conduct monthly meetings for the purpose of sharing data requirements and providing updates on the progress of data modernization. These meetings aim to address the needs of both agencies, ensuring alignment in vendor approach and implementation strategy
➢ Next meeting will be scheduled after the Education & Workforce Data Govering Board meeting on Friday September 21, 2023