



Student Data Systems: Gaps & Opportunities



House Interim Committee on Education

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What Problems Have Been Identified?

- Efficient and effective transmission of student records, particularly between districts
- Reporting burdens on districts for hundreds of grant programs, and federal and state reporting requirements
- Lack of access to student data in key areas (e.g., electronic health records)
- Lack of consistency in data management, due to lack of adopted data standards
- Research opportunities at the state level are limited given current data access (e.g., student course completion and grades)

What is a Student Information System (SIS)?

- A SIS securely stores student information, typically including:
 - Demographic information (e.g., name, address, Date of Birth, parent names, race/ethnicity)
 - Courses and grades
 - Education program information (e.g., for students with Individualized Education Programs, English language development services, Career and Technical Education)
- A SIS does not store:
 - Business Information; human resources departments use separate data systems

Three Central Design Options

- **OPTION 1:** Request for Proposals for Statewide SIS
 - Must be an open, competitive process
 - Impacts all districts, especially those who would need to transition to a new SIS
- **OPTION 2:** State Data Warehouse
 - Incorporates data to a central data warehouse
 - Leverages all existing district SISs
- **OPTION 3:** Landscape Analysis
 - Study to identify student data system resources that are in place and how to efficiently scale up for statewide applications

ODE Support Needs by Option

OPTION 1

- **\$11 million** SIS Software expenses (annually)
- **87 FTE** (One Education Programs Administrator 3, Two Education Program Administrator 3s, One Limited Duration PM-3, One RA-4 Senior Research Analyst, Two ISS-8s Senior Systems Administrator, Five ISS-6 Business Analysts, Seventy ISS-3 External Help Desk, Two OPA-4s and Two PA-4s for Change Management and Training, and One AS-2 for Scheduling & Planning)

OPTION 2

- **\$750,000 - \$1 million** Contract for Cloud-based Data Warehouse/Data Lake (annually)
- **10 FTE** (One Limited Duration PM-3, One Limited Duration OPA-4 and One Limited Duration PA-4 for Change Management and Training, Two ISS-8s, Two ISS-7s, One ISS-6 - Business Analyst, One ISS-3 External Help Desk, OPA-4 for Data Standardization, & One RA-2)

OPTION 3

- **\$250,000-\$300,000** ODE contracts with a third-party evaluator to conduct a study to define what student data system resources and technologies are currently in use in the state, identifying possibilities and making recommendations that can best leverage what investments have already been made.



Questions