



Michigan
Office of the Auditor General
REPORT SUMMARY

Performance Audit

Report Number:
 071-0520-14

Enterprise Data Warehouse

*Department of Technology, Management,
 and Budget*

Released:
 August 2014

The Enterprise Data Warehouse (EDW) is a centralized repository of historical data that is used to support State agencies' decision-making and business processes. The Department of Technology, Management, and Budget (DTMB), in conjunction with State agencies, extracts data from source systems, transforms it into the proper format, and loads it into the EDW. State agencies use analytical tools to query data stored on the EDW to generate State and federal reports, project State revenues, perform trend analyses, and detect fraud.

Audit Objective			Audit Conclusion
Objective 1: To assess the effectiveness of the State's efforts to ensure the reliability of data in the EDW.			Not effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
DTMB, in conjunction with State agencies, had not fully established effective interface controls over the EDW (Finding 1).	X		Agree
DTMB, in conjunction with State agencies, had not established an effective governance structure over the EDW (Finding 2).		X	Agree

Audit Objective			Audit Conclusion
Objective 2: To assess the effectiveness of the State's efforts to implement user access controls over the EDW.			Moderately effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
State agencies, in conjunction with DTMB, had not fully established and implemented effective user access controls over the EDW (Finding 3).		X	Agree
DTMB, in conjunction with State agencies, had not fully established and implemented effective access controls over temporary privileged accounts (Finding 4).		X	Agree

A copy of the full report can be
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<http://audgen.michigan.gov>



Michigan Office of the Auditor General
201 N. Washington Square
Lansing, Michigan 48913

Doug A. Ringler, C.P.A., C.I.A.
Auditor General

Laura J. Hirst, C.P.A.
Deputy Auditor General