

Data Driven and Decision-Making Task Force

DIVISION OF INFORMATION SYSTEMS
STATE CAPITOL ROOM 272
JULY 18, 1:00 PM – 2:30 PM

Data and Transparency Panel (DTP) Responsibilities:

- Establish a data catalog of data housed, maintained, and utilized by each state agency
- Perform a feasibility and cost study on the development of a statewide data warehouse program
- Evaluate and identify data to be included in the statewide data warehouse
- Determine and recommend procedures necessary for the implementation of a statewide data warehouse
- Oversee a statewide data warehouse program implemented in this state
- Evaluate and identify data that may be provided to the public
- Master Data Management (MDM) by facilitating standardization, deduplication, sharing and integration of critical data between systems and state agencies
- MDM may include a shared master citizen record
- Develop a unified longitudinal data system that links existing siloed agency information for education and workforce outcomes

Members of the (DTP):

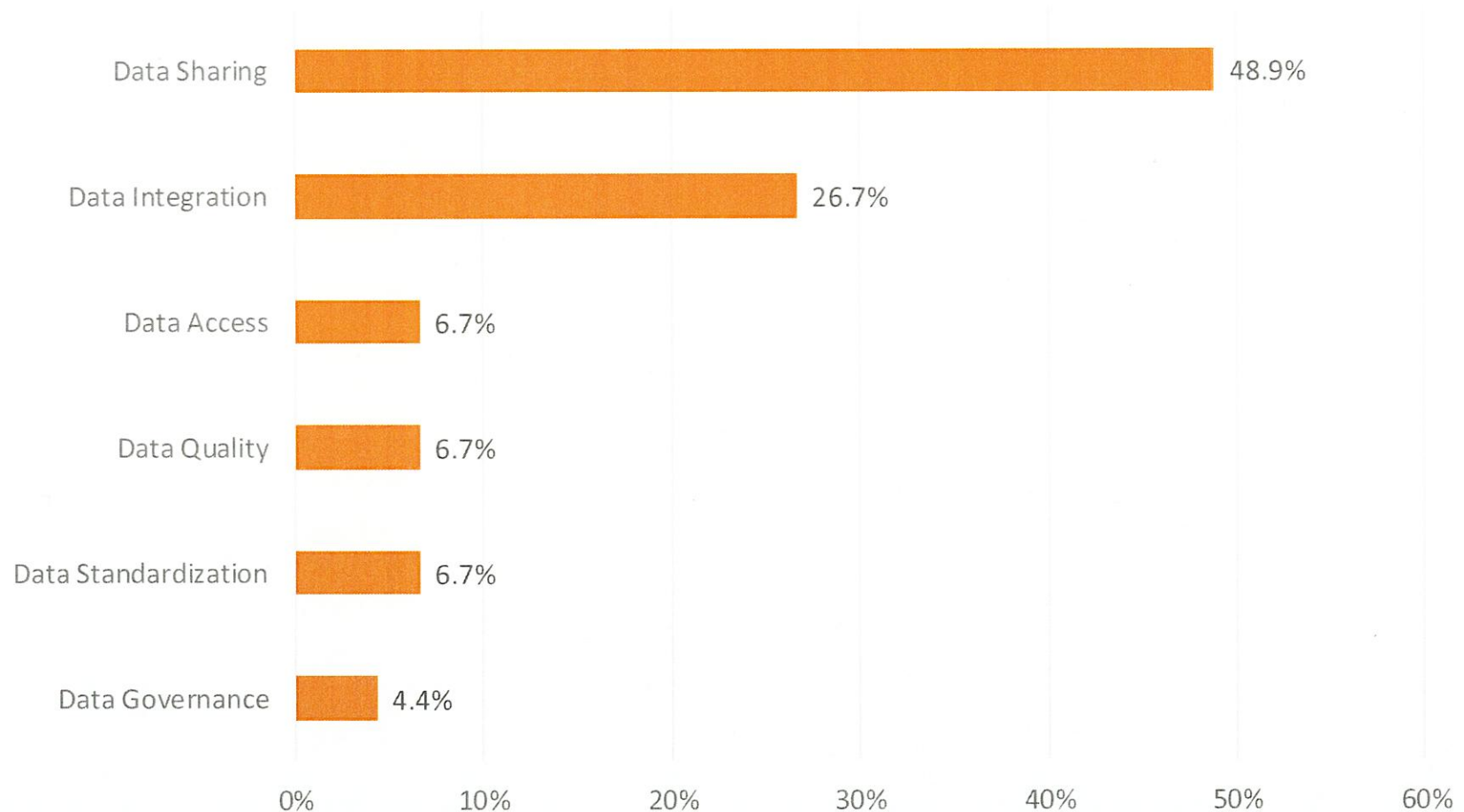
Arkansas Crime Information Center
Division of Arkansas State Police
Division of Career and Technical Education
Division of Community Correction
Division of Correction
Division of Elementary & Secondary Education
Department of Finance & Administration
Department of Health
Division of Higher Education
Department of Human Services
Division of Information Systems
Department of Labor and Licensing
Division of Workforce Services
Office of Skills Development
Supreme Court
Attorney General
Chief Privacy Officer
Chief Data Officer
Appointee by the Governor
Appointee by the President Pro Tempore of the Senator
Appointee by the Speaker of the House of Representatives

Gap Analysis of State Department Needs:

- CDO Listening tour of executive agencies
- Documentation of identified gaps
- Recommendations and action plans

Gap Analysis Findings:

Needs by Percentage of Identification in Interviews



Gap Analysis Recommendations:

- Comprehensive Multi-Agency Data Sharing Agreement
- Master Data Management
- Data Governance Model
- Data Quality Management Standards

State Data Catalog



User ID : Adita.Karkera@arkansas.gov | SysAdmin | 7/17/2019 9:55:18 AM

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Data Asset **User** **Agency** **Area** **Sensitivity** **Access** **Rating** **Role**

Data Asset

Export
To :

Export all fields
To :

Filter :

Search :



115 Records Found

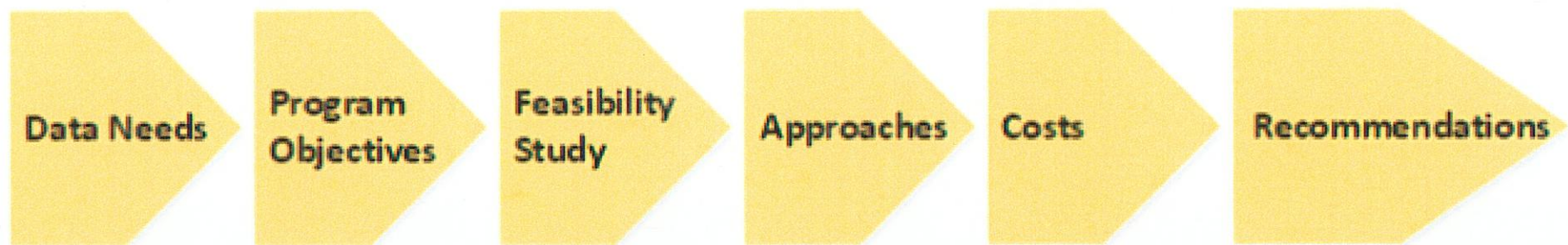
			Agency	Name	Description	Data Steward	Business Owner	Sensitive	Public Access
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	Accounting System (Great Plains)	A complete enterprise resource planning (ERP) solution used for maintaining accounting system of agencies.	Linda McClelland	Amy Buss	No	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	Active\VoIP	Process and documentation to provide site estimates and install information	Michael Mabry	Michael Mabry	No	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	AlertSense	Emergency Text Notification System	Janet Clark, Casey Stokes, Donnie Matthews	Janet Clark	No	Open
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	Andover at SDC West	Building management tool	Brian Fortson	Brian Fortson	Yes	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	App Dev Defect Tracking	Development defect tracking system	Chris Chuah	Chris Chuah	No	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	Appropriation Transfers	Used to track AASIS transactions which transfer appropriations	Emil White	Emil White	No	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	AR19 (Accounts Receivable including miscellaneous deposits for FY19)	Daily deposits for fiscal year	Zofia Higginbotham	Emil White	No	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	Authentication data	Servers, Routers and switches send authentication data stored in cartmen. This is a subset of logs.	Chris Nestrud	Nolan Leatherwood	Yes	Closed
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Arkansas Department of Information Systems	AWIN Accounts Receivable	AWIN Accounts Receivable - spreadsheet to track accounts receivable for Arkansas Wireless Information Network (AWIN)	Emil White	Emil White	No	Closed

Activities in Other States



Feasibility and Cost Study on the Development of a Statewide Data Warehouse Program

- Study current data management and analytic best practices.
- Study other public sector entities who have implemented centralized data warehouse programs
- Recommend the implementation of a centralized trusted broker “**Data Hub**” with the Division of Information Systems to act as an agent of individual agencies in integrating and providing compliant access to and analysis of inter-agency data
- Cost and benefit estimation of implementing the identified approaches



Current Barriers

- Data sharing for consistent cross agency data reference
- Sustainable funding model for centralized data sharing and data-driven decision support services

Questions?

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