

# Data-Driven Decisions in Education: The Future of Data Governance in New Mexico

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# Agenda Overview

- New Mexico Tech's Institute for Complex Additive Systems Analysis (ICASA)
- ICASA: Data Science in the Public Interest (DSPI)
- Statewide Data Governance Project
- Preliminary Findings
- Future of the Project
- Your Engagement



# ICASA

The Institute for Complex Additive Systems Analysis (ICASA) was created through enabling legislation by State of New Mexico in 2001 (§21-11-8.1).

Mission – Moving forward the research, development and science of protecting critical infrastructures used by society.

Vision – Training, equipping, and deploying a generation of critical-thinkers against the complex problems facing a connected and data rich world.

Leverage “state support” – Applying our knowledge by discovery and innovation of new analytics for noisy, incomplete data through cross-domain data sets and collaboration.



# Data Science in the Public Interest

The DSPI team utilizes its data and computer science expertise to support the development of systems and tools that allow entities to leverage their data as a valuable asset.

ICASA provides public sector “customers” with technical assistance, training, and tools/systems for data sharing, analyses, and visualization.

# Statewide Data Governance Project

What is the project?



How is it related to LESC?



# Statewide Data Governance Project: Preliminary Findings

(Stakeholder Interviews and Asset Map)

Issue-based data collaboration efforts are siloed within that policy area.

Agencies are under-resourced to meet their data and technology needs.

Limited data management protocols are in place for data collaboration, and general apprehension exists about sharing data.

Agencies use different vendors and related software, making it challenging to interact with one another.

There is an appetite for statewide data collaboration driven by the “end user,” not outside people or vendors.

# Statewide Data Governance Project: Moving Forward

Fall 2024: Continue gathering data through early 2025 (survey, focus groups, etc)

Winter 2025: Submit Interim Report (Year 1) to the Legislative Finance Committee

Spring 2025: Begin Phase 2 technical application of the project in early 2025 (dependent upon future funding)

Fall 2025: Implement and Complete Phase 2

Spring 2026: Submit Final Report to the Legislative Finance Committee

# Statewide Data Governance Project: Your Engagement

	<h2>Policy</h2>	<ul style="list-style-type: none"><li>• Potential LESC Data Bill</li></ul>
	<h2>Budget</h2>	<ul style="list-style-type: none"><li>• Funding for the Statewide Data Governance Project - Phase 2 (technical piece)</li></ul>
	<h2>Narrative</h2>	<ul style="list-style-type: none"><li>• Elevating the importance of investing in tools and capacity that allows for you to make data-driven policy and financial decisions</li></ul>