

New Mexico P-20 DATA WAREHOUSE COUNCIL REPORT

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Presented to the Legislative Education Study
Committee. Senator Nava, Chair; Representative
Miera, Vice Chair; Frances Ramirez-Maestas, Director

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Presentation Overview

- Why New Mexico Needs A State Longitudinal Data System
- A Brief History And Thank You
- Executive Order 2009-19
- New Mexico Data Warehouse Council
- IES State Longitudinal Data System Grant
- Key Reports and Killer Questions
- Next Steps

Why New Mexico Needs A P-20 Data System

- Identify ways to improve student success at every level of New Mexico education system from Pre-K to K-12 through postsecondary education and/or the work force.
- Provide teachers, principals and others with timely data that will help improve student achievement.
- Use the data in the system to improve the effectiveness and efficiency of New Mexico's efforts to improve its system of education.
- Meet the accountability requirements of the ARRA Funds.

A Brief History and Thank You

- This century and last – LESC push for systemic PreK – 20 education reform.
- 2003 -Legislature passed and Governor Richardson signed HB 212 into law.
- 2004 - Implementation of a unique state ID number for each public school student
- 2005 – Establishment of the Student Teacher Accountability Reporting System (STARS) at PED.
- 2007 – Requirement for HED to use the state-issued student ID number for students enrolled in higher education.

A Brief History and Thank You (cont.)

- 2007 – Establishment of the statewide teacher education accountability reporting system. In 2009, the report was expanded to include candidates for administrative licensure;
- 2009, Legislation to require high schools and PED to include the state-issued student ID in student transcripts and GED diplomas.
- 2009, Legislation to require, upon request from a secondary school, a public postsecondary educational institution to provide a report on the academic progress of students who enroll in the institution within three years of graduating from that high school.
- 2008 and 2009 - Introduction of legislation to develop a PreK-20 data system.
- 2009 – Issuance of Executive Order 2009-019

Executive Order 2009-019

Established The New Mexico Data Warehouse Council

- Created the Council
- Established an Advisory Panel
- Set the Council's Goals, to:
 - Identify ways to improve student success at every level of New Mexico education system from Pre-K through K-12 through postsecondary education and/or the work force.
 - Provide teachers, principals, parents and others with timely data that will help improve student achievement at all levels of the education system.
 - Provide the Governor, Legislature, and other policy makers with data that can help improve the alignment, effectiveness and efficiency of the New Mexico PreK-20 education system.
- Set the Council's Duties

New Mexico Data Warehouse Council

Veronica Garcia	Secretary, PED Co-Chair
Vi Florez	Secretary, HED Co- Chair
Dorian Dodson	Secretary, CYFD
Ken Ortiz	Secretary, DWS
Marlin Mackey	Secretary, DoIT
Alfredo Vigil	Secretary, DOH
Katie Falls	Secretary, HSD
Fred Mondragon	Secretary, EDD
Peter Winograd	Office of the Governor
Beata Thorstensen	DFA/OEA
Linda Paul	Superintendent, Aztec
Mike Gottlieb	Superintendent, Roswell
Karen Couch	Superintendent, Moriarity - Edgewood
James Fries	President, NMHU
Carol Spenser	President, San Juan CC
Cedric Page	Director, UNM, Los Alamos

New Mexico Data Warehouse Council Duties Status Report December 2009

Duties		Status
a.	Establish a longitudinal data system that meets the requirements of the American Recovery and Reinvestment Act.	In Process
b.	Develop and submit a proposal for the U.S. Department of Education State Longitudinal Data Systems Grants.	Completed
c.	Create a management plan that assigns authority and responsibility for the operation of a data warehouse among the agencies whose data will be included in the data warehouse.	In Grant
d.	Assist the agencies in developing interagency agreements that enable data to be used across and between agencies, define appropriate uses of data, assure researcher access to data, and assure the security of the data system.	Completed
e.	Develop a strategic plan including policies to ensure effective and timely data use, descriptions of the reports that help improve student success at every level of the PreK-20 education system, training and professional development provided to the users of the data warehouse, and appropriate measures to safeguard the confidentiality of personally identifiable student and educator data.	In Grant
f.	Ensure that the appropriate state agencies produce timely and useable reports necessary to assess the performance of the pre-kindergarten through post-graduate system.	In Grant
g.	Report to the Governor by December 31 of each year, on the progress and status of, and reports available from the Data Warehouse Council.	In Process



IES Grant Application Proposal

NM ACHIEVeS

Achieving **C**ollaborative **H**eights **I**n **E**ducation **V**ia **e-S**ystems

New Mexico Statewide Longitudinal Data System

NM Public Education Department
NM Higher Education Department
NM Department of Workforce Solutions
NM Children, Youth & Family Department

New Mexico's Data System Grant

Development Team

- Secretary Veronica Garcia, PED
- Secretary Viola Flores, HED
- Data Warehouse Council Members
- Joel Nudi, PED
- Tyler Weldon, HED
- Beata Thorstensen, OEA
- Anya Dozier Enos, PED
- Veronica Chavez Newman, HED
- Scott Hughes, OEA
- Minerva Carrera, PED
- Robert Piro PED
- Suzan Reagan, DWS
- Bill Sprick, PSFA
- Mahalakshmi Khalapiraan HED
- Catherine Cross Maple, PED
- Frances Ramirez-Maestas, LESC
- Peter Winograd, Governor's Office
- Jami Grindatto , Intel, IENM
- Jamai Blivin, IENM

Key Points

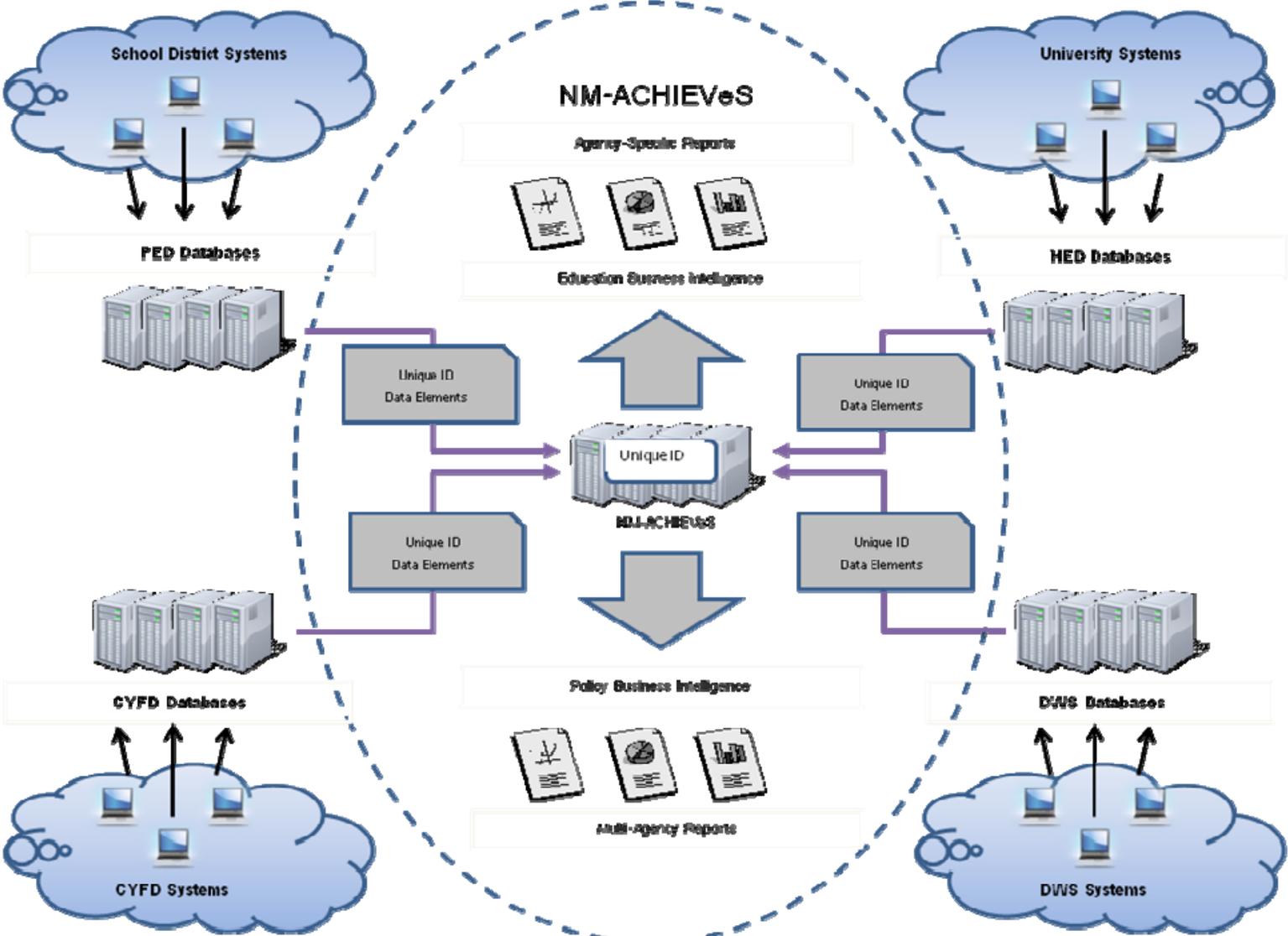
Three Year Project

\$20.0 Million Request

The grants will be reviewed in February

Awards announced end of April or early May, 2010

New Mexico's Data Warehouse Proposal



New Mexico Grant Proposal Overview

Objectives	Activities	Outcomes
1. Improve data quality and consistency.	1. Develop technology needed to build a fully-functional P-20 SLDS.	1. P-20 Statewide Longitudinal Data System
2. Improve data access.	2. Development of SLDS governance and management.	2. New data collection, audit and data access systems.
3. Expand and enhance data reporting.	3. Identify and staff key positions.	3. Reports for policy, instruction, and accountability;
4. Ensure appropriate user roles, security and access.		4. Project LEARN. The Learning Exchange and Resource Network is a CCSSO consortium for connecting existing data systems in a safe way that leaves local control in the hands of each state.
5. Expand statewide training for data use to support instruction and policy.	4. Training and technical support for policy-makers, researchers, teachers, and school principals to improve student achievement in the classroom.	5. New e-Transcript system that will gather student information from PED, HED, student assessments, colleges, universities and workforce centers across the state and provide e-transcripts to IHEs and employers across New Mexico.
		6. Centralized student information system for small districts and charter schools.

The Data Warehouse Will Provide New Mexico A Number Of Key Indicators, Including Reports That:

- link student records from pre-kindergarten through postgraduate education and on into the workforce;
- connect public school educator data to student data;
- provide high school longitudinal graduation and dropout data, including information that distinguishes between dropouts or students whose whereabouts are unknown and students who have transferred;
- supply postsecondary remediation data;
- illustrate New Mexico public high school student enrollment in a NM public postsecondary educational institution regarding freshman-year outcomes;
- show postsecondary student completion status; and
- relate performance with financial information at all levels.

The Killer Questions: The Policy Perspective

Here are some of the most common killer questions that policymakers ask when they look at education data for New Mexico:

- How do we help more young children get ready for school?
- How do we increase the level of student performance for all students and close the achievement gap among students?
- How do we ensure that students graduate from high school ready for college and the workforce?
- How do we ensure that more students enter college and successfully complete programs and degrees?
- How do we strengthen the relationship between education and the cultural wealth of New Mexico?
- How do we strengthen the relationship between education and the economy?
- What will these educational initiatives cost?
- How can we be most constructive during this budget crisis?
- How will we know if these efforts are successful?
- Where will the funding come from?
- Who has the power and influence to make change happen?

Data Questions, Policy Questions, Political Questions

Question Type	Data Questions	Policy Questions	Political Questions
Policy Elements	Data For Advocacy and Accountability	Statute, Regulation, Standards, Frameworks, Budget	Diverse Perspectives, Power Groups, Practices & Behaviors
Example 1	<ul style="list-style-type: none"> • What percentage of students score proficient or above on achievement tests in math or reading? • What are the achievement gaps among different groups of students? 	<ul style="list-style-type: none"> • How should the certification requirements for teachers be strengthened? • What kinds of instructional interventions should be implemented? • How will these reforms and interventions be funded and where will the money come from? 	<ul style="list-style-type: none"> • Who has the influence to change how teachers are prepared? • What groups control professional development? • Who controls where the most effective teachers and principals are placed? • Who evaluates the teachers? • Who can change how resources are allocated?
Example 2	<ul style="list-style-type: none"> • What percentage of ninth graders enter college four years later? • What percentage of high school graduates take remedial courses in college? 	<ul style="list-style-type: none"> • What changes do we make in high school standards and teacher training to ensure that more students graduate ready to succeed in college? • What statutory changes should be enacted to better align the curriculum between high school and college? • How will these initiatives be funded and where will the money come from? 	<ul style="list-style-type: none"> • Who has the influence to change practices and behaviors in high school? • Who has the power to get colleges and high schools to talk to one another? • What are the conflicts between cultural values and current approaches to education and how might these be resolved?

Next Steps

- **Submit NM-ACHIEVeS Initiation Certification request to DoIT PCC;**
 - First stage in IT Project (followed by Planning, Implementation & Closing)
 - Agree project approach & funding among agencies
 - Position NM for Planning Certification this Spring, Implementation in the Summer
- **Initiate work on NM-ACHIEVeS**
 - Staffing and Project Schedule planning;
 - Identify data elements required to create reports;
 - Work with PED, HED, DWS & DWC to identify reports
 - Ensure data elements required for reports will be captured
- **Schedule recurring Data Warehouse Governance meetings**
 - Oversee RTTT, NSF and other grant applications
 - Provide leadership to NM-ACHIEVeS, CYP and other statewide education projects
 - Address governance issues as they arise