Michigan
Michigan Department of Education
R384A100051

Project Title: *Building Bridges*

Michigan is asking for resources to accelerate the building of its longitudinal data system to comply with the provisions of the State Fiscal Stabilization Fund and to improve the access and utility of education data in Michigan. We have identified four core areas to address:

Information Access. As our already extensive state (and district) education data archives accumulate and interconnect, Michigan needs to make the information more accessible through a data portal and enhance users' capacity to use it well, while maintaining confidentiality and security. *Grant outcomes include* creation of an education data portal, including requirements gathering for new reports to be contained in the portal; rebranding Data for Student Success website and repurposing infrastructure for portal, implementing robust, role-based security model; designing and providing data access for teachers, researchers, and the public; modifying the existing roster system to collect reasons for students not tested and designing and implementing reporting templates on them; and determining ETL process to move the data to the SLDS.

Instructional Connections. Michigan has begun to fund eight regional data consortia that will collect, analyze, and report local assessment and other data. By coordinating with and connecting to the state's data system, these consortia will provide strong support for continual instructional improvements statewide. Connecting student performance data to teachers will allow districts to include student growth in their educator evaluation systems. *Grant outcomes include* creating the student-teacher link, including gathering necessary teacher-/student-/course-level data; modifying the existing MSDS system to collect teacher and course data at the student level; creating data structures in SLDS for enhanced reporting requirements; extracting data from MSDS to load into the SLDS; designing and implementing analysis and reporting templates for teacher-to-student connection reports; providing secure access and professional development for teachers; modifying the system to assign unique teacher identifier earlier to track credentialing institution; and building storage and reporting capacity.

Data Systems Linkages. Michigan has begun efforts to interconnect PK–12, postsecondary, and workforce data systems, but much technical work remains before the additional data sources can be used effectively to identify leaks in the educational pipeline. *Grant outcomes include* expanding data linkages, including implementing the process for colleges to send and states to pull transcripts to/from vendor and into the SLDS; assigning unique identifiers to postsecondary students new to the system and resolving duplicates; pulling workforce data into SLDS; and gathering report requirements for SFSF, postsecondary, and workforce data.

Stronger Analytics. Michigan also is highly concerned about establishing mechanisms to bring stronger analytics to bear on its data. We propose a research collaborative to make data available to researchers to evaluate the effectiveness of instruction and other education. At the same time, Michigan is using other federal funds to bolster the growth of regional data archives. Both efforts will engage citizens, researchers, and stakeholders in conversations about education reform. *Grant outcomes include* supporting stronger analytics by identifying a neutral party to design and implement a research collaborative; convening and supporting a research collaborative in identifying reporting and analysis needs; and providing man-hours to review and process research requests, as coordinated through the research collaborative.