Statewide Longitudinal Data Systems Grant Program Requirements

1. Unique, permanent, statewide student identifier

2. Enterprise-wide data architecture that includes a data model, data dictionary, business rules, and quality assurance procedures

3. Analysis of current data systems, plans for future enhancements, and of information needs across the State Education Agency and districts' program offices, schools, classrooms, and Federal reporting requirements informs the architecture

4. Data types and items include all data elements required for Federal reporting; are maintained in a longitudinal format (linked across years); and allow for meaningful longitudinal analyses of student academic growth and factors affecting it (e.g. programs, initiatives, interventions, teachers, staff development, finances) within all NCLB subgroups

5. Relational architecture allowing users to readily link records across time and information systems

6. The enterprise-wide data architecture identifying all data items to be included in the system

7. Data/system technical quality assurance, to maximize validity, reliability, and accessibility of statewide longitudinal data for evaluation and decision-making

8. Automated reporting at all levels (including Federal)

9. Effective procedures for protecting the security, confidentiality, and integrity of data

10. Vertical integration of local and State data collections, an electronic infrastructure to transfer large data files, and maximum participation of all LEAs in the data system by the end of the grant

11. Data warehouse or comparable means for managing and storing longitudinally linked data and making it accessible and useful to teachers, schools, districts, and researchers

12. Timely and ongoing exchange of data across institutions within the State (e.g. between districts, potentially between K-12 and postsecondary)

13. Timely and ongoing provision of high quality data, reports, and *ad hoc* analyses to teachers, schools, districts, and other constituents

14. Timely, effective, and ongoing training of all key users of the data system

15. Clear procedures for and timely/ongoing/restricted access to data for policy-oriented research, in conformance with FERPA requirements

16. Facilitation of analyses and rigorous research to evaluate the effectiveness of programs and improve student learning

17. Coordinate the use of State and local resources available for educational data systems with the use of Federal funds under this grant program, ensure that money from this program supplements and not supplants available State and other funds

18. Solid plan for the statewide longitudinal data system to be sustained over time (including staff, technical, and monetary resources; and training and technical assistance to local education agencies)

19. Evaluation procedure, implemented within 15 months of start date, for determining successful development/implementation of the data system

20. Ongoing evaluation procedure, implemented within 15 months of start date, for determining system's quality and effectiveness in meeting reporting and decision support needs of its key stakeholders (parents, teachers, administrators, and researchers)

21. Ongoing evaluation procedure, implemented within 24 months of start date, for determining system's effectiveness in catalyzing improvement in student learning