Data Aggregation System – Statewide Accountability System

1. Purpose:

    The ESSB 6032, 501, (46) proviso was provided solely for the Office of the Superintendent of Public Instruction to procure and implement a reporting and data aggregation system. ESSB 501, 6032, (47) proviso was provided to develop and implement a statewide accountability system to address absenteeism and to improve student graduation rates.

2. Description of Services Provided:

    The following events occurred in FY18:

    A. Procured and installed Tableau Server. The equipment order included:
        - Professional desktop license and 1yr maintenance
        - Server-Core Enterprise license and 1yr maintenance
        - Training Modules I & II
        - Rapid Start Services and Expenses
    B. Procured and installed HP Simplivity server hardware to support Tableau Server.
    C. The Tableau Server was implemented in a production HP Simplivity server environment and the results were:
        1. Established secure district access to Tableau visualizations for insight and exploration by districts
        2. Provided a platform for the new Every Student Succeeds Act (ESSA) Report Card Redesign, which is set to release in December 2018.
        3. Supported public Tableau visualizations on our K12 Website that provide reports that help close student performance gaps, address absenteeism and improve student graduation rates
        4. Supported OSPI data analysis work at the agency and program level for agency data-driven collaboration.
        5. Enhanced Data Governance efforts to drive policy and improve data quality and performance.
    D. Provided schools and districts access to data visualizations and student-level data to assist in identifying successful strategies and systems to drive improvement as required under ESSA. The measures under ESSA include absenteeism and graduation rates, but also include math and ELA proficiency, student growth, English learner progress, 9th grade on-track and dual credit participation. All measures are disaggregated by race/ethnicity, income status, disability status, and English learner status. This ensures that the performance of all student groups is visible and if a student group is underperforming at a school the school can get the necessary supports to improve performance.

3. Criteria for receiving services and/or grants: N/A

    # of OSPI staff associated with this funding (FTEs): .4

# of contractors/other staff associated with this funding:
    1 – Project Manager
    1 – Business Analyst

FY 18 Funding: State Appropriation: $590,000
                  Federal Appropriation: $0
                  Other fund sources: $0
                      TOTAL (FY18) $590,000

4.   Are federal or other funds contingent on state funding? If yes, explain.   No.

5.   State funding history:

Fiscal Year	Amount Funded	Actual Expenditures
FY18	$590,000	$513,681

6.   Number of beneficiaries (e.g., schools, students, districts) history:

Fiscal Year	# of Districts
FY18	296

7.   Programmatic changes since inception (if any): None, yet. The new Report Card system and district access to the Tableau Secure Data Portal is being released in phases, with the final phase being completed in June 2019. At that time, programmatic changes may be implemented.

8.   Evaluations of program/major findings: None, yet. The new Report Card system and district access to the Tableau Secure Data Portal as well as other activities that support data use in school improvement are being released in phases. The final phase funded by ESSB 6032, 501 (46) and (47) will be completed in June 2019. At that time, program/major findings may be evaluated.

9.   Major challenges faced by the program: The projects funded by ESSB 6032, 501 (46) and (47) are connected and dependent on each other. This created challenges with managing the Report Card project and the implementation of the Tableau server since both provisos were needed to complete the project.

10.   Future opportunities: Funding from this proviso provides a platform for future visualizations on the OSPI Report Card as well as a tool to create other means for accessing unsuppressed visualizations and data that can be accessed securely by districts to support their school improvement activities.

11.   Statutory and/or Budget language:

Budget Proviso: ESSB 6032, (46) $440,000 of the general fund—state appropriation for fiscal year 2018 and $270,000 of the general fund—state appropriation for fiscal year 2019 are provided solely for the office of the superintendent of public instruction for the procurement and implementation of a reporting and data aggregation system that will connect state- and district-level information to secure and protect district, school and student information in order to close student performance gaps by assisting school districts in data-driven implementation of strategies and supports that are responsive of student needs.

The ESSB 6032, (47) $150,000 of the general fund—state appropriation for fiscal year 2018 and $450,000 of the general fund—state appropriation for fiscal year 2019 are provided for the superintendent of public instruction to develop and implement a statewide accountability system to address absenteeism and to improve student graduation rates. The system must use data to engage schools and districts in identifying successful strategies and systems that are based on federal and state accountability measures. Funding may also support the effort to provide assistance about successful strategies and systems to districts and schools that are underperforming in the targeted student subgroups.

12. Other relevant information: None

13. List of schools/districts receiving assistance: All schools and districts are receiving some form of support under Washington state's accountability model. The support is tiered depending on whether the school is identified as needing comprehensive, targeted, or foundational supports. The data tools are available to all schools and districts.

14. Program Contact Information:
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