Utah State Board of Education Budget Requests

Fiscal Year 2020 Funding Requests
2019 General Session-Public Education Appropriations Committee
January 31, 2019

Utah Schools Information Management System $17,200,000 (one time)

Historical Funding Level and Purpose of the Program:

Current (SFY 2019) funding level: $747K one-time CACTUS Upgrade

Current (SFY 2019) funding level: $5M one-time "System" Upgrade

Summarize the purpose of this program: To modernized USBE legacy systems and enable real-time access to data to inform decision making at all levels of the education system, while also safeguarding against data breaches.
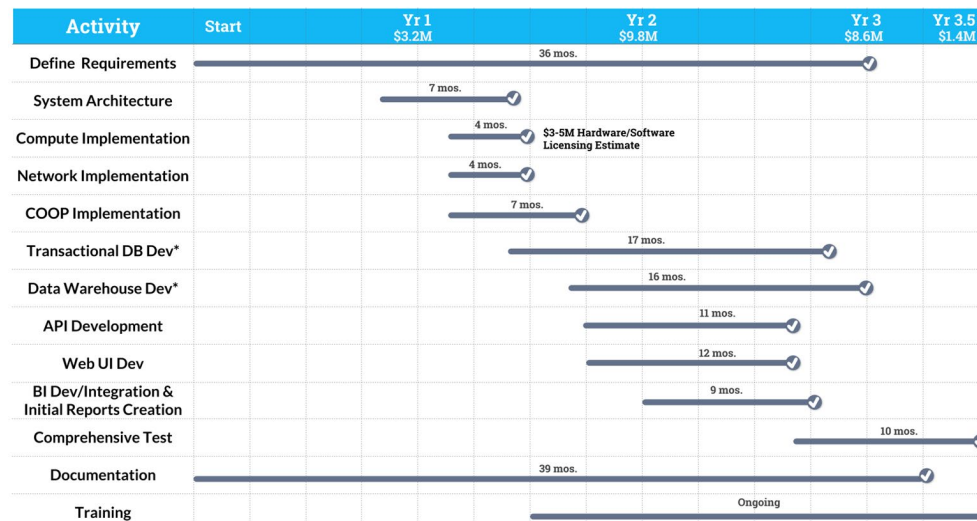
This system includes the creation of a public-facing user web portal with features oriented toward the USBE, Local Education Agencies (LEAs), Educators, Parents, and Students.

Benefits of the USIMS:

New data collection and reporting system designed around a singular architectural design, future growth, flexibility, collaboration, and industry best practices resulting in:

- Administrator, educator, counselor, and auditor access to accurate and timely data on student performance and efficient use of resources at the school level

- Increased productivity, return lost time to LEA/USBE staff, prevention of costly errors/mistakes, rework, and reduction/elimination of wasted resources

- Quality data for policymakers to evaluate success of implemented initiatives

- Consolidation of multiple State Education data systems into a single system for a cohesive use and interpretation of data by stakeholders, exchanges of information between public education agencies, and ensures compliance with all data collection and reporting requirements and the Student Backpack

- Increased system security/data protection/privacy control

Performance Measures if $17,200,000 one time is appropriated:

Activity	Start	Yr 1 $3.2M	Yr 2 $9.8M	Yr 3 $8.6M	Yr 3.5 $1.4M
Define Requirements			36 mos.		
System Architecture		7 mos.			
Compute Implementation		4 mos. $3-5M Hardware/Software Licensing Estimate			
Network Implementation		4 mos.			
COOP Implementation		7 mos.			
Transactional DB Dev*			17 mos.		
Data Warehouse Dev*			16 mos.		
API Development			11 mos.		
Web UI Dev			12 mos.		
BI Dev/Integration & Initial Reports Creation			9 mos.		
Comprehensive Test			10 mos.		
Documentation		39 mos.			
Training		Ongoing			

Impact if not Funded:

- Continued legacy systems integration and interoperability inadequacies

- Increased data integrity challenges/issues

- Elevated data security/privacy risk attributed to legacy system sustainment

- Increased costs for timely access to data and data analytics

- Further cost increases to legacy system sustainment

- Reduced availability of skilled staff to sustain legacy software code

- Continued loss of USBE staff time on data cleansing and scrubbing efforts

- Overall reduction of USBE capability to assist LEAs with student achievement success

Infrastructure Comparisons	Legacy Systems / Status Quo	Utah Schools Information Management System (USIMS)	"End-to-End" System*
Cost	Data Risks/Repair Costs/Obsolete Programming	$17.2M One Time	$80M-$300M*
System Interoperability (USBE/LEA)		✔	✔
Integration and Interoperability with Utah Grants (grants system)	✔	✔	✔
Data Integrity, Standards, Definitions, and Security		✔	✔
Business Intelligence - Financial, Student, and Educator-Reporting and Analytics		✔	✔
Single Point(s) of Access - Web Based Portal (Users)/API-User support		✔	✔
Educator Licensing, Salary, and Status Information		✔	✔
Flexible System Adaptation to Code and Rule Changes		✔	✔
Financial Management Efficiency-Cost Center Accounting-G/L function			✔
One Statewide Student Information System and Student Accounting System			✔
One Statewide Public Education Procurement System or Module			✔

Infrastructure Comparisons (Continued)	Legacy Systems / Status Quo	Utah Schools Information Management System (USIMS)	"End-to-End" System*
Cost	Data Risks/Repair Costs/Obsolete Programming	$17.2M One Time	$80M-300M*
One Statewide Human Resources System or Module			✔
One Statewide School Fees Collection, Cost Activity, and Monitoring Module			✔
One Statewide Pupil Transportation Cost Activity and Monitoring Module			✔
One Statewide Food Services Module			✔
Ability to (in a secure manner) transfer IEPs			✔
Learning Management System End to End Interoperability and Monitoring			✔

The $80M end to end system estimate is 2.5 years old. The estimate was, as if, all LEAs, of which 27 at the time were in, are placed in a financial system. The $80M estimate also included an end-to-end Student Information System module, an Educator module, a Grants Module, and a Procurement Module. If additional modules are mandated the cost will increase.

Recommendations

- Decision makers obtain feedback from LEAs of the implementation of the end to end grants management system. The USBE decided to fund an end to end federal and state grants management system now known as Utah Grants for public education. The system is not at full operational capability as of the date of this presentation. However, indications are that the ROI on this system is substantive across the public education enterprise. As proof of principle, it does indicate the effectiveness of end to end systems/module is feasible.
- Given the significant improvements and effective and efficient management of the USBE internal operations trust in the investment in USIMS first and then allow for end to end modules in the out years. Allow the USBE to build the right infrastructure first along the USIMS path and then evaluate and progress with continued modularization in an end to end manner.

USBE Land Trust Section Director-$60,000 (ongoing)

Historical Funding Level and Purpose of the Program:

Current (SFY 2019) funding level: $512,700 ongoing appropriated
                                                    60,000 one time from Advocacy Office
                                                    $572,700 total (includes 3 FTE)
Funding Level in SFY 2018: $713,600 ongoing (includes 4 FTE)
Funding Level in SFY 2017: $687,300 ongoing (includes 4 FTE)

The School LAND Trust Program provides an increasing revenue stream for Utah public schools to address the unique academic needs of each school as determined by elected school and charter councils. The Section administers the program including training and compliance. In HB 404 (2018 session) only the fund and land management oversight responsibility was eliminated. All other responsibilities remain along with increased roles and responsibilities necessitating a Director position.

Results/Benefits of the Program:

- Increasing non-tax revenue to schools.
The School LAND Trust Program was created in 2000
FY2001 distribution $4.95 million - about $10 per student
FY2019 distribution $74 million – about $113 per student.
- School Community Councils engage in data driven discussions about student needs and student performance. Councils prepare academic plans to address the needs.
- Council meetings provide an opportunity to discuss and address student/school issues not related to the program. Councils provide input to local administration and boards.
- Parent training is provided in every school about student academic needs, best practices and assessments.

Performance Measures/Projected Outcomes if $572,700 ongoing is appropriated:

Schools set goals with measurements and reporting. Results are provided to each local board. The program does not collect the school assessment data.

The School Children's Trust Section will provide annual in-person and online training for councils and boards, review each school plan and conduct annual compliance reviews and the director serves on the Advocacy Committee in a trust oversight role consistent with 53G-7-1206. The section provides support to schools and local boards and administers the website.

Impact if not Funded:

Funding for the section was reduced through HB 404 including reducing the FTE from 4 to 3. A new Advocacy Office was created to assume primary responsibilities for trust oversight with 2 FTE.

It would significantly reduce the compliance work and training required by 53G-7-1206 as well as the capacity to complete new assignments created in HB 404.

Certified Teacher Librarians-$3,600,000 (one time)

Historical Funding Level and Purpose of the Program:

This 3-year proposal to increase student achievement consists of the following elements:

- Establish 25 K-12 school library best practices sites in schools that currently do not have certified teacher librarians that includes cost-sharing with districts
- Provide training: Face-to-face and online workshops; collaboration and curriculum integration institute for educator teams; potential online course; ongoing mentoring.
- Conduct an impact study to produce hard data about the effectiveness of Certified Teacher Librarians on student achievement

This proposal supports all 4 of USBE's Strategic Goals

Results/Benefits of the Program:

---25 state studies, showing that Certified Teacher Librarians increase student achievement based on test scores, similar results are expected in Utah's schools.

---A NAEP study of 4th-grade reading scores in 50 states found that states adding teacher librarian staffing saw 1.5-2.8% reading scores increases. The highest? Poverty and ethnic subgroups.

---**Certified Teacher Librarians, professionally trained, are uniquely skilled to teach**:
- How to find, evaluate and apply information,
- Effective research skills needed for higher education/career
- How to critically analyze information they read in all formats, including on-line
- Skills to be safe on the internet

Libraries with Certified Teachers Librarians are a *safe haven* *for students struggling with stress and anxiety. This gives the school an additional professional who often can connect with these students in a non-threating environment.*

Performance Measures/Projected Outcomes

2018-2019 Establish baseline data, based on pre-study analysis of current reading test scores;
2019-2020 End-of-year analysis of reading test scores
2020-2021 End-of-year analysis of reading test scores
2021-2022 Post-study analysis of reading test scores; Post-study survey of various groups to ascertain the value and effectiveness of Certified Teacher Librarians
Expected Outcome: 3% increase in reading test scores at the end of 3 years
Expected Outcome: Favorable reporting of value and effectiveness of CTLs
Expected Outcome: Approx. 20,000 more K-12 students receiving the services of Certified Teacher Librarians, including instruction in skills and concepts of the Utah Library Media Curriculum

Impact if not Funded:

---Utah will have 13 school districts with NO Certified Teacher Librarians.
---75% of Utah students fail the college research skills readiness test.

80% of Utah schools will continue to lack the services described here:
"Having a skilled certified teacher librarian has been key to students' learning to differentiate between important, valuable, factual information and the myriad of nonsense presented by the Internet. The knowledge of a teacher librarian is not only important for enhancing the curriculum, but essential for the way she is able to reflect on students' ACT scores and assist teachers with instructional resources to strengthen their college and career readiness. Having our teacher librarian is like having an instructional coach in the building. She is invaluable to us."
Carolyn Gough   Principal, Riverton High School

Out of State Travel

USBE – Out of State Travel Handout (link)

Out of State Travel Expenses by Position Category
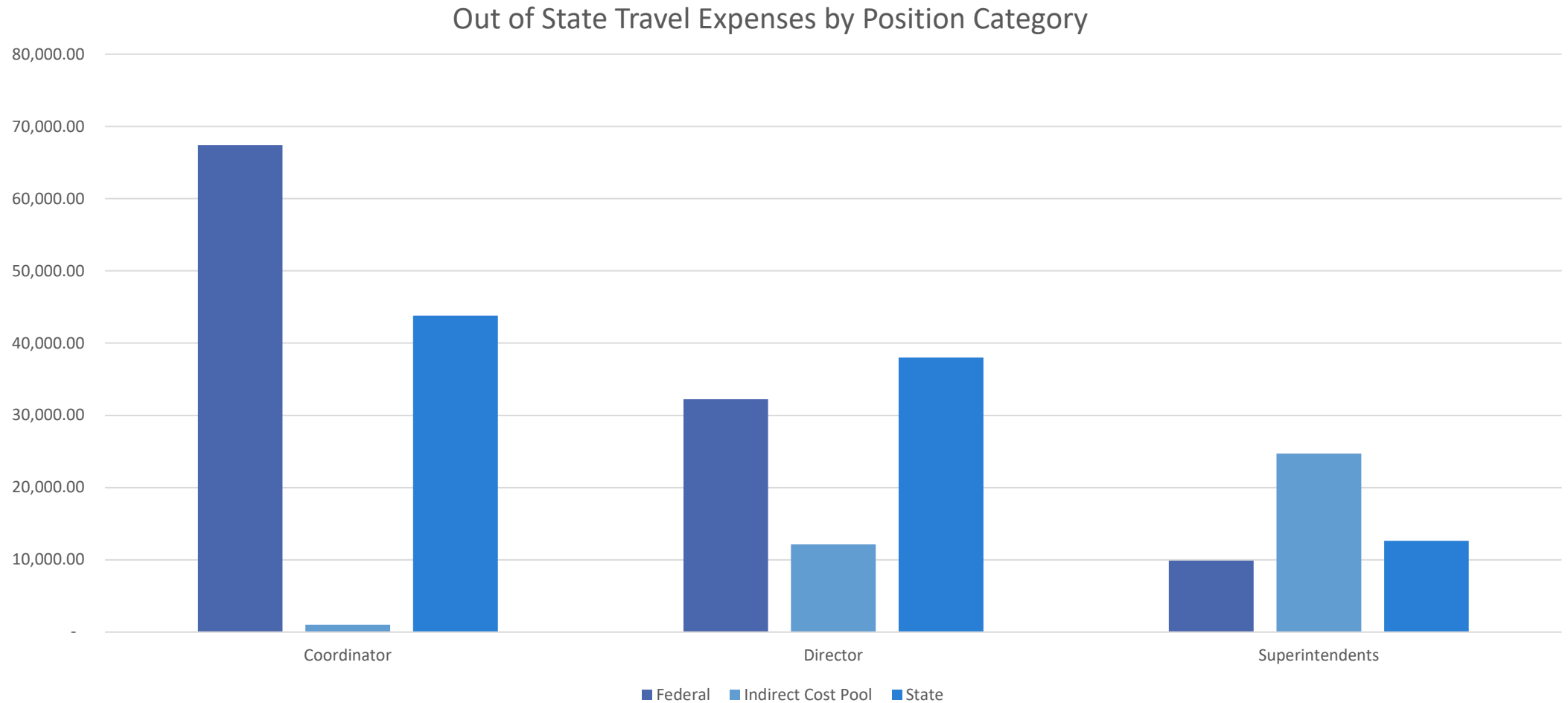
Carry Forward Balances as of June 30, 2018

FY2018 Carry Forward to FY2019				
Funding Source	**Total Carry Forward**	**Expenditures Year to date**	**Obligation amount**	**Total Unobligated**
PAAA State Administrative Office				
Education Funds	$ 10,887,662.87	$ 1,845,951.04	$ 8,865,844.94	$ 175,866.89
Dedicated Credits	$ 3,674,733.06	$ 2,206,685.66	$ 1,468,047.40	$ –
ICP Carryforward (Restricted)	$ 793,431.66	$ 64,295.11	$ 729,136.55	$ –
Suicide Prevention Education Funds	$ 341,168.47	$ 79,168.12	$ 262,000.35	$ –
General Funds	$ 372,091.24	$ 155,256.20	$ 202,979.14	$ 13,855.90
Underage Drinking Prevention Restricted	$ 1,499,202.72	$ 773,812.95	$ 725,389.77	$ –
Substance Abuse Prevention GFR	$ 197,154.76	$ 77,280.79	$ 119,873.97	$ –
Land Exchange GFR	$ 73,020.26	$ –	$ –	$ 73,020.26
Federal Mineral Lease	$ 1,523,925.82	$ 141,293.52	$ 1,324,301.22	$ 58,331.08
Professional Practices Restricted Sub fund	$ 746,645.60	$ –	$ 746,645.60	$ –
Total	$ 20,109,036.46	$ 5,343,743.39	$ 14,444,218.94	$ 321,074.13
PGAA State Charter School Board				
Education Funds	$ 2,425,900.41	$ 971,519.71	$ 1,406,880.70	$ 47,500.00
PJAA Educator Licensing				
Education Funds	$ 137,124.43	$ 4,736.75	$ 132,387.68	$ –
PTAA General System Support				
Education Funds	$ 13,187,267.91	$ 714,331.46	$ 12,192,212.43	$ 280,724.02
Dedicated Credits	$ 1,828,864.19	$ 344,060.22	$ 1,406,979.67	$ 77,824.30
General Funds	$ 452,959.61	$ 7,464.00	$ 445,495.61	$ –
Drivers Education (Restricted)	$ 5,798,677.81	$ 2,225,706.50	$ 3,572,971.31	$ –
Total	$ 21,267,769.52	$ 3,291,562.18	$ 17,617,659.02	$ 358,548.32

Implementation of Reading Interventionist Endorsement

- Amount of funding received $250,000

- What have we done with it so far?
  - Contracted with three providers: Neuhaus Education, Dyslexia Training Institute, and the University of Utah to provide two cohorts for the Tier 3 course and 2 cohorts for the Tier 2 course
    - Dyslexia Training Institute (Tier 3)—Cohort of 30 participants from 21 LEAs
    - Neuhaus Education (Tier 3)—cohort of 23 participants from 16 LEAs
    - University of Utah (Tier 2) – Summer 2018 cohort of 12 participants from 9 LEAs; Fall 2018 cohort of 27 participants from 5 LEAs
  - Total of 92 participants who have earned at least one course towards the reading interventionist endorsement

- At this time, there is a total of $10,729 left. We plan to contract with the university for one more cohort to serve approximately 8 more participants.

Implementation of Effective Teachers in High Poverty

- For Fiscal Year 2018
  - Appropriation is $250,000, $2,500 per eligible recipient (FY 2018)
  - 108 individuals in 11 LEAs received funding

- All funding was distributed
- Award to all educators was reduced from $5,000 to approximately $4,600 (including LEA contribution)
- $2,300 per eligible recipient