STATE OF CALIFORNIA
Budget Change Proposal - Cover Sheet
DF-46 (REV 03/25)

Fiscal Year	Business Unit Number	Department
2026-2027	5180	California Department of Social Services

Hyperion Budget Request Name	Relevant Program or Subprogram
5180-012-BCP-2026-GB	4270037-County Administration and Automation Projects

Budget Request Title
Enterprise Data to Avoid Federal Fiscal Penalties

Budget Request Summary
The California Department of Social Services (CDSS) is requesting $2,670,000 ($1,896,000 General Fund, $774,000 Federal Fund) in fiscal year 2026-27 and $2,604,000 ($1,848,000 General Fund, $756,000 Federal Fund) in fiscal year 2027-28 and ongoing for the equivalent of 11.0 positions to maintain the Department's administrative data within a secure, cloud-based data warehouse. The data warehouse will support the Department's ability to meet state and federal reporting requirements, avoid further fiscal penalties, and produce timely and policy-relevant data analysis.

Requires Legislation (submit required legislation with the BCP)	Code Section(s) to be Added/Amended/Repealed
☐ Trailer Bill Language ☐ Budget Bill Language ☒ N/A	N/A

Does this BCP contain information technology (IT) components? ☒ Yes ☐ No *If yes, departmental Chief Information Officer must sign.*	Department CIO Chad Crowe	Date 1/9/2026

For IT requests, specify the project number, the most recent project approval document (FSR, SPR, S1BA, S2AA, S3SD, S4PRA), the approval date, and the total project cost.

Project No. N/A

Approval Date: N/A

Project Approval Document: : N/A – Data infrastructure improvements, does not require PAL

Total Project Cost: N/A

If proposal affects another department, does other department concur with proposal? ☐ Yes ☐ No
Attach comments of affected department, signed and dated by the department director or designee.

Prepared By	Date	Reviewed By	Date
Aparna Ramesh, Brittney Gossard, Shannon Rohall	1/9/2026	Ryan Gillette and Chad Crowe	1/9/2026
Department Director	**Date**	**Agency Secretary**	**Date**
Jennifer Troia	1/9/2026	K Jones for Kim Johnson	1/9/2026

Department of Finance Use Only

Additional Review: ☐ Capital Outlay ☒ ITCU ☐ FSCU ☐ OSAE ☐ Dept. of Technology

Principal Program Budget Analyst	Date submitted to the Legislature
Aanam Khan	1/9/2026

A. Problem Statement

The California Department of Social Services (CDSS) seeks new and ongoing funding to support its ability to meet state and federal reporting requirements, avoid further fiscal penalties, and produce timely and policy-relevant data analysis via the maintenance of a modern, secure, cloud-platform data warehouse. This funding is essential for CDSS to meet federal reporting requirements on time, avoid financial penalties for non-compliance, and continue safeguarding the privacy of the children and adults we serve. In particular, this proposal is an essential input to efforts that will help unlock:

- Upwards of $1.5 billion in avoidance of federal fiscal penalties associated with the Supplemental Nutrition Assistance Program (SNAP) Payment Error Rate (PER)
- $18 million in cost savings through the automation of county manual data entry for required federal reporting for the Temporary Assistance for Needy Families (TANF) program
- Approximately $524.8 million annually in the avoidance of penalties related to inaccurate reporting on multiple federal reports for TANF program, including work participation for adults who leave TANF
- Avoidance of impending fiscal penalties associated with the Application Processing Timeliness (APT) rate for SNAP
- 240 times faster policy-relevant and timely analysis of the impact of changes to state and federal policy
- Delivery of federal reporting from the new Child Welfare Services - California Automated Response and Engagement System for child welfare and Title IV-E funding
- Regular data matches between different administrative data sources to improve access, service delivery, quality of care, and positively impact the populations served by CDSS

The above projects alone require over 6 terabytes of data to be processed, cleaned, stored, and analyzed daily. To date, CDSS has lacked the computational power, storage space, or technical resources required to ingest, store, and analyze the sheer volume of daily case management data and benefit transactions data for programs such as SNAP and TANF, which serve over 6 million Californians. CDSS currently relies on decentralized systems for managing its data and meeting federal and state reporting requirements, including outdated technologies like IBM Mainframe, Excel, and Business Objects. The use of these outdated systems hampers the ability of CDSS to meet reporting requirements accurately. As a result, California has had to invest in costly workarounds to comply with federal reporting requirements, which has significantly limited the state's ability to leverage data to meet federal performance metrics—such as the SNAP PER and APT—and avoid associated fiscal penalties. Simple statistics to measure policy impacts, such as understanding population level impacts of the federal House Resolution (H.R.) 1 as codified on July 4, 2025, have traditionally taken over 20 hours of runtime for CDSS to produce. Without the ability to process and analyze data from its source systems and securely share that data with counties and key stakeholders, CDSS risks paying millions of dollars in federal fiscal penalties starting in 2026. Reliance on outdated technologies and transmission of flat files also leaves CDSS vulnerable to unauthorized access or data breaches to personally identifiable information in the face of increasingly hostile external threats to data privacy.

To address this, the CDSS launched a modern data infrastructure initiative in 2023 aimed at linking data across programs, protecting privacy, improving analysis, and enabling data-driven policy decisions by implementing a cloud-platform data warehouse. The department refers to this internal infrastructure upgrade as the Enterprise Data Pipeline (EDP). The 2021 Budget Act allocated an initial $3 million investment the EDP's foundational infrastructure, but it did not include any staffing resources. CDSS has already seen immediate returns on this investment through the automated ingestion and analysis of Electronic Benefit Transaction (EBT) activity data. This has allowed CDSS' Research, Automation, and Data Division (RADD) to provide transparency

into the rise of EBT skimming theft of cash and food benefits, identify likely retailers with skimming devices, and determine the effectiveness of PIN reset interventions to deter theft. To date, these efforts have already generated over $13 million in reduced theft. Maintaining these initial investments, as well as creating and maintaining data management, analysis, and reporting with the EDP requires critical staff to plan, configure and maintain the infrastructure, add new data sources, uphold data governance, maintain its security posture, and make continual improvements. Without the requested resources, the Department will be forced to halt the PIN reset campaign and other EBT theft prevention efforts that rely on the EDP, resulting in a loss of nearly $1 million in monthly savings.

Table 1: The Role of the EDP in Curtailing Anticipated Federal Penalties and Realizing Cost Savings

Reporting requirement	Associated Penalty or Cost Savings	Code of Federal Regulations	Status quo	Issue that EDP solves
SNAP Payment Error Rate	Upwards of $1.5 billion annual penalty	Title 7 / Subtitle B / Chapter II / Subchapter C / Part 275 / Subpart G / Section 275.23	CDSS relies on antiquated sampling techniques that lead to fluctuations in county workload throughout the year, unnecessary manual data entry of all quality control data, and increased data quality error. Manual data transfer processes, along with some processes in COBOL that are difficult to change or fix.	Resources can build an environment that automates the sample and pre-populates portions of the quality control, thereby reducing human error in data collection that contributes to a higher error rate, especially regarding income, and allows for more predictable county workload.
SNAP Application Processing Timeliness (APT)	Unknown penalty amount associated with poor performance	Title 7 / Subtitle B / Chapter II / Subchapter C / Part 273 / Subpart A / Section 273.2	CDSS lacks computational power or environment to process required case management data; resulting in dependence on aggregate data from counties with estimates produced by the state that can be off by as much as 20 percentage points.	Resources to extract, transform, and load 6 million records daily and produce an accurate APT metric. Provides resources to generate precise, real-time data on the above metrics to guide technical assistance to counties and performance monitoring for data-driven continuous quality improvement.
ACF 199 and ACF-209	$18 million in cost savings per Title 45 § 265.8	Title 45 / Subtitle B / Chapter II / Part 265 / Section 265.8	County workers manually enter data that already exists within the case management system. Duplicative data entry translates into roughly $18 million in costs annually.	Resources to create a data environment that can ingest, transform, and load the volume of data necessary for accurate reporting. Resources will maintain an environment that will automate the population of reports. Reduces double-data entry and human error by repurposing administrative data.

Fiscal Responsibility Act TANF Exit	$524.8 million penalty annually	Title 45 / Subtitle B / Chapter II / Part 262 / Section 262.1 - Details the penalty for each quarter a State fails to submit an accurate, complete and timely required report.	CDSS manually generates data from a derived data source and manually uploads data on a quarterly basis to a federal portal.	Resources to automate the production of these reports from source data, the transformation of the data, and the transmittal of data.

Table 2: Resource History
(Dollars in thousands)

Program Budget	PY - 4	PY - 3	PY - 2	PY-1	PY	CY
Authorized Expenditures	N/A	N/A	N/A	$1,000*	$1,000*	$1,000*
Actual Expenditures	N/A	N/A	N/A	$997	$800	$1,000
Revenues	N/A	N/A	N/A	N/A	N/A	N/A
Authorized Positions	N/A	N/A	N/A	N/A	N/A	N/A
Filled Positions	N/A	N/A	N/A	N/A	N/A	N/A
Vacancies	N/A	N/A	N/A	N/A	N/A	N/A
Blanket Positions	N/A	N/A	N/A	3	5	7

*$3,000 over PY-1, PY, and CY in Authorized Expenditures

Table 3: Workload History

Workload Measure	PY - 4	PY - 3	PY - 2	PY-1	PY	CY
Data Source Use Cases	N/A	N/A	N/A	1	2	5
Data Analysis Projects and Dashboards	N/A	N/A	N/A	0	1	3

B. Justification

CDSS requires funding equivalent to 11.0 positions to maintain the EDP, onboard and collate the data necessary for reporting requirements. Such funding will guarantee that CDSS has computational power, cloud storage, and the analytical environment needed to support large volumes of data to meet each reporting requirement. The resources requested will allow CDSS to:

1. **Reduce duplicative data entry:** Until the EDP, CDSS was unable to ingest the volume of data necessary to meet the ACF-199 and ACF-209 reporting requirements. As a result, the state has relied on costly workarounds via duplicative, manual data collection and entry to meet requirements, costing the state $18 million annually. To fully realize such cost savings on a permanent basis, resources will support the architecture and management of a permanent environment that can process daily changes to CDSS programs (including SNAP, TANF, Title IV-

E programs, housing and homelessness programs, adult protective services programs, childcare, etc.) and push that data into regular federal reports.

2. **Improve accuracy:** Variation in data quality, which contributes to the SNAP payment error rate, arises with a reliance on verbal interviews and manual checks of data. Resources will support an environment that can ingest large volumes of data, auto-populate portions of the SNAP QC to reduce data entry and human error, and provide counties with relevant, actionable insights for data-driven continuous quality improvement that can inform changes to county processes and reductions in error rates.
3. **Improve performance:** CDSS lacks the computational power and environment to process the SNAP application data required to measure application processing timeliness; resulting in dependence on aggregate data from counties. As a result, estimates produced by the state are inaccurate by over 20 percentage points, relative to the true, federal estimates. The EDP will provide precise, real-time data on the above metrics to guide technical assistance to counties to improve performance and avoid penalties.
4. **Inform policy conversations timely:** The requested resources will vastly increase the speed by which data can be processed and analyzed by CDSS. To date, CDSS has not directly utilized its own source data systems, such as data from its case management systems to run simple analyses required for federal reporting. For example, CDSS has traditionally taken over 20 hours of runtime to produce simple analyses. Today, in the EDP, CDSS can complete routine analysis that previously took over 20 hours to process, in only five minutes. This represents a reduction in runtime of over 99%; allowing CDSS to run analyses 240 times faster.

This proposal requests ongoing funding equivalent to eleven (11.0) positions for system support.

The Information Services Divisions (ISD) requests ongoing funding equivalent to seven (7.0) positions:

Project Management Team:

- One (1.0) Information Technology Manager I (ITM I) Project Manager to organize, plan, and manage the EDP and subsequent enhancements.
- One (1.0) Information Technology Specialist II (ITS II) Business Analyst to oversee the technical documentation of business requirements.

Data Engineering/Operations Team:

- One (1.0) ITM I to oversee the data engineering technical team.
- One (1.0) ITS II Data Architect to oversee the overall EDP architecture and design.
- Three (3.0) Information Technology Specialist I (ITS I) Data Engineers to manage data ingestion, modeling, mapping, transformation, optimization, and operations.

RADD requests ongoing funding equivalent to four (4.0) positions:

Enterprise Data Bureau:

- One (1.0) Research Data Manager (RDM) to lead the analytics team that will be responsible for using data stored in the EDP to make sure CDSS can use data to drive improvements to performance where required, provide accurate and timely reporting, and avoid further fiscal penalties.
- Two (2.0) Research Data Specialist III (RDS III) subject matter experts to partner with the data architect, develop business requirements, test new pipelines, create new processes and procedures for researchers to access data in the data warehouse, train/mentor new staff on the solution, and provide technical assistance in the conversion of isolated code to the new pipeline.
- One (1.0) Research Data Specialist II (RDS II) to oversee the maintenance and operations of existing data pipelines, perform data validation and quality checks, consult with policy

makers as a data steward subject matter expert on existing pipelines, and facilitate the creation of downstream tables/views and reports.

C. Departmentwide and Statewide Considerations

Along with meeting the above federal reporting requirements, this proposal directly aligns with CDSS priorities to provide program oversight by delivering accurate, timely, and relevant data to make sure CDSS programs are effectively using public funds to support those in need. The solution will allow CDSS to drive holistic data insights that can inform service gaps as well as inequities or disparities in eligibility, service delivery, or recipient outcomes.

Beyond the examples named in earlier sections, the EDP will support data reporting and analysis for the California Work Opportunity and Responsibility to Kids program, CalFresh program, child welfare services, housing and homelessness programs, child care, adult protective services, immigration services, refugee programs, and many other CDSS programs. All CDSS programs are estimated to have data within the EDP by 2027, leading to better data insights and improved performance for CDSS-managed programs. The benefit of improving the data infrastructure for these programs includes the ability to better access and analyze program data and provide secure, self-service data delivery to policy staff in the form of automated reports, dashboards, and a comprehensive data catalog. Improving data management and governance will consolidate and make transparent the legal authority, data sharing agreement provisions, and other statutes that relate to or govern the use of specific data sets.

This proposal directly aligns with the California Health and Human Services (CalHHS) Agency's guiding principle to use data to drive action. This initiative to leverage CDSS data allows for an understanding of the current conditions in communities, the impact of existing programs, and the opportunities to improve service delivery. Actionable and timely data will help CDSS advance social and economic mobility and improve the health and well-being of children, families, and individuals. The data linkages that will be possible with the solution will allow CDSS to map an individual's experience across safety-net programs, seeing their experience holistically. It will also provide an opportunity to use data to identify, explore, and track disparities and inequities in eligibility determination, service delivery, and recipient outcomes. Finally, the EDP will allow CDSS to pivot in an agile way and work quickly and collaboratively in previously impossible ways to address modern-day problems.

The EDP will allow CDSS to modernize legacy IBM mainframe batch data processes to automated, customizable, and secure data warehouse connections, which will improve the current data match requests between CDSS and Department of Health Care Services for CDSS Eligibility Data, and Employment Development Department Base Wage Earnings. The EDP will also allow for regularly scheduled, automated data pushes to the Agency Data Hub to support efforts like Early Childhood Integrated Data System (ECIDS), the All-Hazards Dashboard, the Equity Dashboard, and other CalHHS data projects.

D. Outcomes and Accountability

The requested resources will optimize CDSS' ability to:

- Meet federal reporting requirements
- Improve outcomes on federal performance metrics
- Maintain data security and governance, ensuring privacy of confidential data
- Design and update analytical tools and datasets
- Provide timely and accurate responses to external data requests
- Generate cost savings by automating what are currently manual data entry tasks
- Support policy development through data insights

- Detect and prevent costly issues, such as EBT fraud

The EDP is the foundation for all future internal data infrastructure and analytics efforts at CDSS. It streamlines data management, reduces duplication, and lowers development and maintenance costs for future projects. Investing in permanent support for the EDP will solidify the role of data-driven decision-making and safeguard the systems that protect and serve millions of Californians.

Projected Outcomes

Workload Measure	CY	BY	BY+1	BY+2	BY+3	BY+4
Data source use cases (which have an initial implementation workload and then an ongoing maintenance and operations workload).	5	7	11	15	19	23
Data Analysis Projects and Dashboards	3	5	9	15	22	30
Automated Federal Reports	0	2	4	6	8	10
Fiscal Penalties Avoided (in millions of dollars)	0	$3,070	$3,070	$3,070	$3,070	$3,070
Fiscal Cost Savings (in millions of dollars)	0	$18	$1,335	$1,335	$1,335	$1,335

E. Implementation Plan

- The anticipated start date of this proposal is July 1, 2026.
- Once funding is approved, the hiring process will begin immediately for the positions. Funding will make a portion of prior limited term investments permanent.
- After the hiring process has completed, the work to support and maintain the EDP will begin immediately.

F. Supplemental Information

Attached:

- Workload Analyses
- Organizational Charts

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Project Oversight and Strategic Technology Branch
Enterprise Data Pipeline
1.0 Information Technology Manager I (ITM I)

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Manage entire EDP project lifecycle, monitoring, controlling, and reporting through initiation, planning, execution, and project closure.	1	300	Based on similar experience with other data infrastructure efforts (CalSPARK, FMS).	300	ITM I
101	Define scope, goals, and deliverables, support business goals in collaboration with sponsors and stakeholders.	1	200	Based on similar experience.	200	ITM I
102	Provide leadership, strategic direction, make sure that organizational objectives are accomplished; work on critical issues with decision makers.	1	200	Based on similar experience.	200	ITM I
103	Staff, contractor recruitment, development, establish performance standards, expectations, monitor achievements toward benchmarks.	1	100	Based on similar experience.	100	ITM I
104	Collaborate, provide updates to executives, stakeholders; manage, coordinate communications, work between stakeholders.	1	300	Based on similar experience.	300	ITM I
105	Develop, deliver reports, proposals, requirements documentation, and presentations to stakeholders.	1	300	Based on similar experience.	300	ITM I
106	Manage vendor contracts, making sure to execute project schedule, budget, performance, products are consistent with deliverables.	1	100	Based on similar experience.	100	ITM I
107	Primary liaison between team, steering committee; serve as central point of communication for project progress; escalate decisions and issues as needed.	1	300	Based on similar experience.	300	ITM I
				TOTAL	**1,800**	

Total Hours	**PYs**	**Classification**
1,800	**1.0**	**Information Technology Manager I**

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Project Oversight and Strategic Technology Branch
Enterprise Data Pipeline
1.0 Information Technology Specialist II (ITS II)

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Lead collection of business requirements for EDP effort, making sure requirements fully captured and documented using CA-PMF and PMBOK standards.	1	400	Based on similar experience.	400	ITS II
101	Develop traceability matrix, making sure requirements are housed in accessible central repository, facilitate planning, design, and delivery activities.	1	200	Based on similar experience.	200	ITS II
102	Serve as liaison with product owners, subject matter experts, technical staff, and stakeholders, make sure shared and common understanding of requirements and services to be delivered.	1	300	Based on similar experience.	300	ITS II
103	Collaborate with EDP team, make sure business architectures and processes are concise, coherent, and completely documented to reflect actions, inputs, outputs, decision points, and logical outcomes.	1	300	Based on similar experience.	300	ITS II
104	Facilitate, capture changes and new functionality, and make sure business architectural documentation is updated.	1	100	Based on similar experience.	100	ITS II
105	After the EDP goes live, continue to collect and document business requirements to make sure continued relevance of the services and capabilities delivered by the solution.	1	300	Based on similar experience.	300	ITS II
106	Develop and assist other critical project tasks and deliverables, including project status reports, updates to project management plans, project schedule maintenance, and Change Request Log.	1	200	Based on similar experience.	200	ITS II
				TOTAL	**1,800**	

Total Hours	**PYs**	**Classification**
1,800	**1.0**	**Information Technology Specialist II**

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Data Engineering and LEADS
1.0 Information Technology Manager I

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Leadership - Directs and sets the vision for the EDP Data Engineering team.	52	4	Based on similar experience.	208	ITM I
101	Team Management - Manages the day-to-day workload of the Data Engineering team and oversees their deliveries.	52	8	Based on similar experience.	416	ITM I
102	Coordinates with database administration team to make sure alignment and coordinate workloads.	30	2	Based on similar experience.	60	ITM I
103	Technical Oversight and Architecture Alignment - Works closely with the enterprise architecture team and Enterprise Data Architect to establish and support long-term organizational data-oriented frameworks, policies and procedures.	12	20	Based on similar experience.	240	ITM I
104	Platform Ownership & Operational Management - Oversees cost monitoring, ensuring diligent monitoring and planning to prevent unanticipated overruns. Develops cost estimates and projections for data technologies, proactively develops recommendations for cost management strategies, makes sure that funding is used appropriately to avoid service disruption.	12	20	Based on similar experience.	240	ITM I
105	Stakeholder Engagement - develops road maps and metrics in collaboration with the project team to track progress toward ISD's EDP goals and overall data management and operations responsibilities.	40	8	Based on similar experience.	320	ITM I
106	Team Leadership & Capability Development - Coaches and develops staff, promotes a collaborative environment, and maintains a good culture across the Data Engineering team.	52	6	Based on similar experience.	312	ITM I
107	Innovation and Tooling – Evaluate and adopt new tools and platform features – lead due diligence, POCs etc.	10	10	Based on similar experience.	100	ITM I
				TOTAL	**1,896**	

Total Hours	**PYs**	**Classification**
1,896	**1.0**	**Information Technology Manager I**

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Data Engineering and LEADS
1.0 Information Technology Specialist II

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Define EDP data engineering and analytics architecture strategy and roadmap aligned with business goals.	10	8	Based on similar experience.	80	ITS II
101	Manage EDP Data Estate – including cost, infrastructure, capacity, High Availability/Disaster Recovery design.	10	10	Based on similar experience.	100	ITS II
102	Lead defining and governing of EDP Data Models (conceptual, logical and physical), standardize use of modeling patterns (e.g., dimensional) and guide development of semantic layers etc.	30	10	Based on similar experience.	300	ITS II
103	Technology Evaluation & Selection – Assess and recommend data tools (ETL/ELT, orchestration, cataloging), lead POCs, and guide buy vs. build decisions.	10	10	Based on similar experience.	100	ITS II
104	Security & Compliance Architecture – Design architectures aligned with privacy regulations, oversee role-based access control, encryption strategies, and sensitive data handling.	20	5	Based on similar experience.	100	ITS II
105	Solution Design Leadership – Lead solution/framework design and reviews, mentor teams, guide best practices, validate architecture, and review critical pipeline code for scalability and maintainability.	6	10	Based on similar experience.	600	ITS II
106	Performance & Scalability – Optimize architectures and frameworks to meet or exceed performance goals using strategies such as clustering, indexing, partitioning, and parallelization.	40	10	Based on similar experience.	400	ITS II
107	Incident and problem management/resolutions for the most complex issues.	15	5	Based on similar experience.	75	ITS II
108	Documentation & Communication – Maintain decision records, publish design principles and reusable architectures, and convey complex concepts in clear, business-friendly terms.	12	10	Based on similar experience.	120	ITS II
				Total	**1,875**	

Total Hours	**PYs**	**Classification**
1,875	**1.0**	**Information Technology Specialist II**

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Data Engineering and LEADS
1.0 Information Technology Specialist I

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Automates the acquisition, ingestion, publishing, mastering, validation, and integration for all onboarded data sets from various data sources.	15	15	Based on similar experience.	225	ITS I
101	Works closely with program users, including the Research, Automation, and Data Division (RADD), to understand and document data requirements, goals and help define data models.	20	15	Based on similar experience.	300	ITS I
102	Continuously builds, tests, and enhances overall data orchestration, alerting and monitoring, and error-handling efforts for departmental extract, transform, and load (ETL)/extract, load, and transform (ELT) solution(s).	22	30	Based on similar experience.	660	ITS I
103	Develops, tests, and maintains documentation for all data orchestration activities, procedures, and standards.	15	20	Based on similar experience.	300	ITS I
104	Maintains data pipeline stability. Monitors and optimizes overall performance. Implements tools and processes for automated monitoring and modification of data pipeline components to scale with short- and long-term planning, ad-hoc requirements, and overall health.	20	20	Based on similar experience.	400	ITS I
				TOTAL	**1,885**	

Total Hours	**PYs**	**Classification**
1,885	**1.0**	**Information Technology Specialist I**

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Data Engineering and LEADS
1.0 Information Technology Specialist I

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Designs, configures, develops, tests, deploys, and supports data pipelines, frameworks, alerting, monitoring, error-handling, and transformations for departmental data technologies.	26	36	Based on similar experience.	936	ITS I
101	Develops, tests, and maintains data models, mapping and supporting documents to capture data transformation business requirements, maintain data dictionaries, and rules.	15	20	Based on similar experience.	300	ITS I
102	Establishes and maintains version control, continuous integration and continuous deployment pipelines for all transformation executions.	6	30	Based on similar experience.	180	ITS I
103	Designs, configures, develops, deploys, and supports unit, system integration and quality assurance testing for all transformation objects consistent with documented business rules and mapping documents.	15	22	Based on similar experience.	330	ITS I
104	Develops and documents processes for all phases of data quality engineering.	6	20	Based on similar experience.	120	ITS I
				TOTAL	**1,866**	

Total Hours	**PYs**	**Classification**
1,866	**1.0**	**Information Technology Specialist I**

WORKLOAD ANALYSIS
FY 2026-27
Information Systems Division
Data Engineering and LEADS
1.0 Information Technology Specialist I

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Designs, develops, administers, updates, and supports data storage and transition of structured, semi-structured, and unstructured data, for the department's data management technologies and platforms, including data warehouses, data marts, and data lakes.	26	40	Based on similar experience.	1,040	ITS I
101	Designs, implements, and supports proper rules-based users and role management, access controls, dynamic masking components, and general data security configurations in support of user and automated system access.	6	58	Based on similar experience.	348	ITS I
102	Implements data governance processes including separating confidential, high security required data from general data.	10	30	Based on similar experience.	300	ITS I
103	Develops performance tuning, cost monitoring and efficient resource management approaches to minimize risks of expensive and poorly structured queries and datasets.	6	40	Based on similar experience.	240	ITS I
				TOTAL	**1,928**	

Total Hours	**PYs**	**Classification**
1,928	**1.0**	**Information Technology Specialist I**

WORKLOAD ANALYSIS
FY 2026-27
Research, Automation, and Data Division
Research and Data Insights Branch
1.0 Research Data Manager (RDM)

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Build and maintain CDSS' research and analytic portfolio dedicated to driving federal performance. Lead a team of researchers who employ advanced statistical analytical approaches, innovative modeling techniques, and data science methodologies within the EDP.	1	400	Based on similar experience.	400	RDM
101	Design, develop, and implement regularly occurring and/or ad-hoc research and predictive modeling work products within the EDP to drive performance.	1	300	Based on similar experience.	300	RDM
102	Lead the design, construction, testing and validation of data pipelines essential for powering analyses to improve federal performance.	1	300	Based on similar experience.	300	RDM
103	Oversee the production of products and deliverables by the team, including the development of analytical datasets and data pipelines, research design documents, code and notebooks required for analysis, and final research products, including but not limited to: reports, data dashboards, data driven insights or findings, presentations, or developing outcome measures.	1	250	Based on similar experience.	250	RDM
104	Oversee the establishment of methodological and coding quality assurance protocols and practices for all analytics and reporting projects.	1	150	Based on similar experience.	150	RDM
105	Work closely with program leadership, the Directorate, legislative staff, the Legislative Analyst's Office, other state and federal departments, CalHHS, and the Governor's Office to turn analysis into data-driven action.	1	300	Based on similar experience.	300	RDM
106	Review proposed policy and legislation to understand potential data pipeline impacts and evaluate the cost to implement.	1	100	Based on similar experience.	100	RDM
				TOTAL	**1,800**	

Total Hours	**PYs**	**Classification**
1,800	**1.0**	**Research Data Manager**

WORKLOAD ANALYSIS
FY 2026-27
Research, Automation, and Data Division
Research and Data Insights Branch
Data Analytics Bureau
2.0 Research Data Specialist III (RDS III)

Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	In collaboration with IT and Program staff, develop and document business requirements for new data pipelines, focusing on the integration of the new data into the CDSS data model.	5	120	Based on similar experience.	600	RDS III
101	Create and test the integration of new data pipelines into the CDSS data model; determine appropriate intermediary tables that will maximize end-user flexibility and minimize computational resources.	5	180	Based on similar experience.	900	RDS III
102	Test new data pipelines using established criteria; document variances that exceed thresholds and work with IT data engineers to identify code changes or improvements.	5	80	Based on similar experience.	400	RDS III
103	Collect and document relevant metadata for new pipelines, which may include legal authority or restrictions of use, data lineage, data linkage methodologies, and data definitions. Integrate metadata into cloud warehouse or other information repositories used at CDSS.	5	40	Based on similar experience.	200	RDS III
104	Design and test new downstream analytic tables, reports, or tables created for dashboards. Collaborate with ITS I staff to promote and automate the reports in the data pipelines.	10	120	Based on similar experience.	1,200	RDS III
104	Consult or present as a data model subject matter expert at EDP technical meetings or to the steering committee.	12	20	Based on similar experience.	240	RDS III
105	Train and mentor researchers on the use and functionality of the EDP through presentations, knowledge transfer sessions, or desk aids. Provide technical assistance to researchers as needed.	12	15	Based on similar experience.	180	RDS III
				TOTAL	**3,720**	

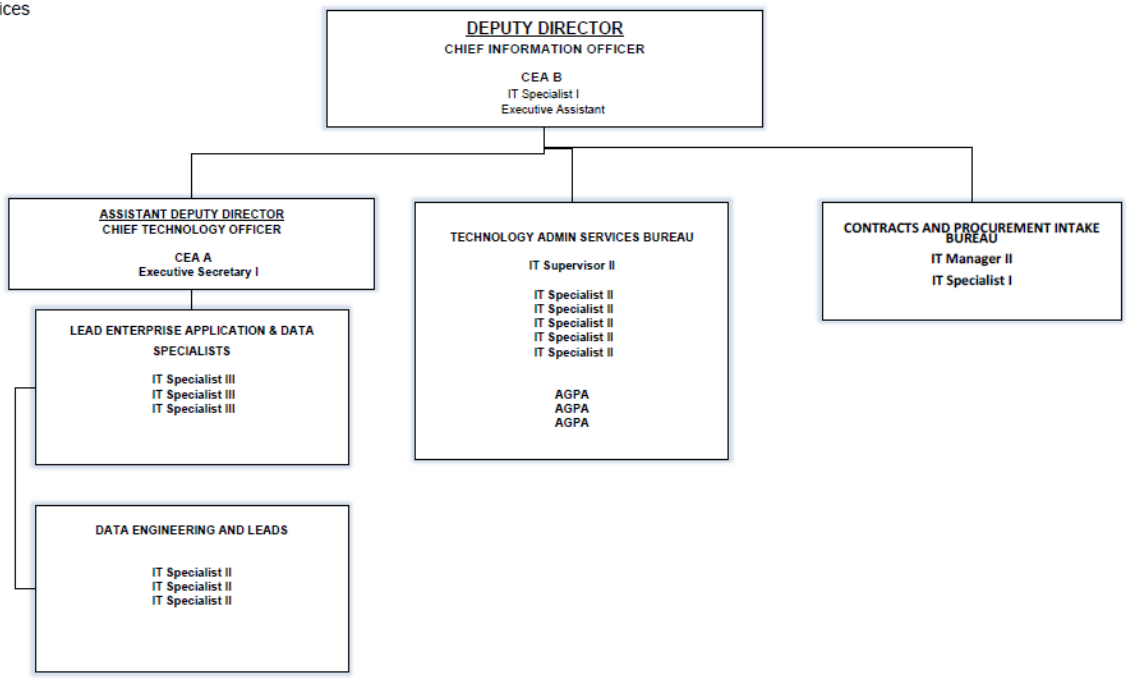
Total Hours	**PYs**	**Classification**
3,720	**2.0**	**Research Data Specialist III**

WORKLOAD ANALYSIS
FY 2026-27
Research, Automation, and Data Division
Research and Data Insights Branch
Data Analytics Bureau
1.0 Research Data Specialist II (RDS II)

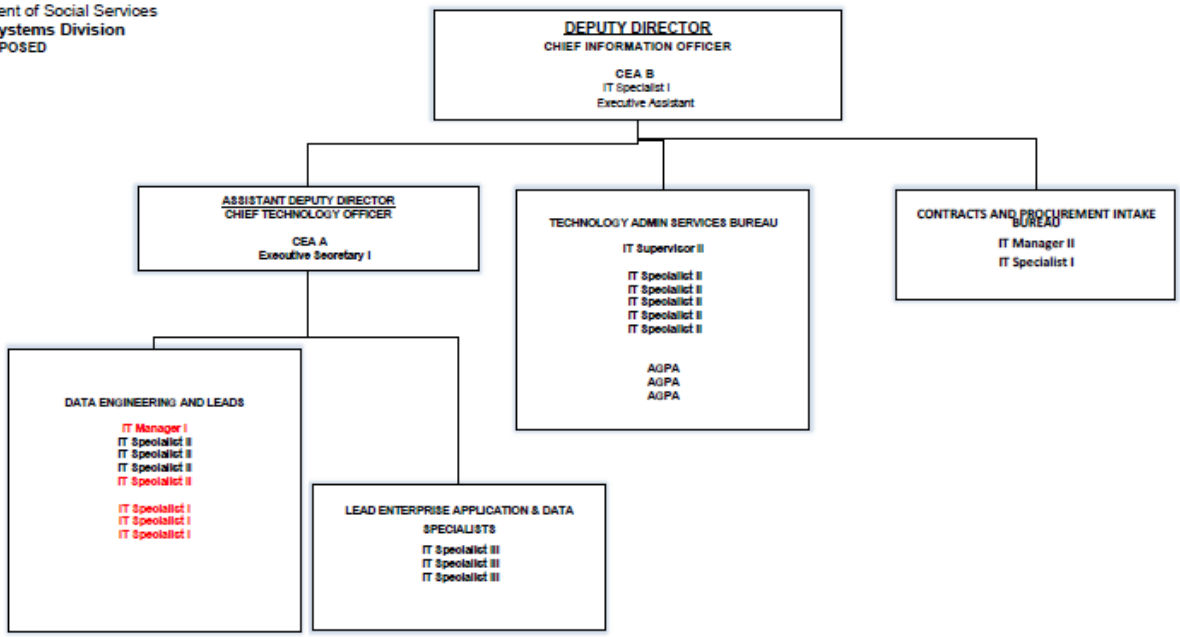
Task I.D. #	Activity / Task Name Description	Units	Hours/ Units	Basis for Workload	Total Hours	Staff Requested
100	Review legacy data processing ingestion and transformation code; translate legacy code functions into new data pipeline business requirements.	2	120	Based on similar experience.	240	RDS II
101	Partner with IT data engineers to communicate business requirements and develop testing parameters.	2	80	Based on similar experience.	160	RDS II
102	Test converted data pipelines using established criteria (usually the outputs of prior process); document variances that exceed thresholds and work with IT data engineers to identify code changes or improvements.	2	70	Based on similar experience.	140	RDS II
103	Document the source, authority, business requirements, quality thresholds, data elements, data dictionary, and any significant caveats or limitations for each converted data pipeline.	2	80	Based on similar experience.	240	RDS II
104	Design and test downstream analytic tables, reports, or tables derived from converted pipelines. Collaborate with ITS I staff to promote and automate the reports in the data pipelines.	8	120	Based on similar experience.	960	RDS II
105	Develop job aids and training materials for all research staff to effectively understand and use the data pipelines. Conduct training sessions and provide office hours to train and mentor staff on EDP solution. Provide technical assistance to researchers as needed.	3	40	Based on similar experience.	120	RDS II
				TOTAL	**1,860**	

Total Hours	**PYs**	**Classification**
1,860	**1.0**	**Research Data Specialist II**

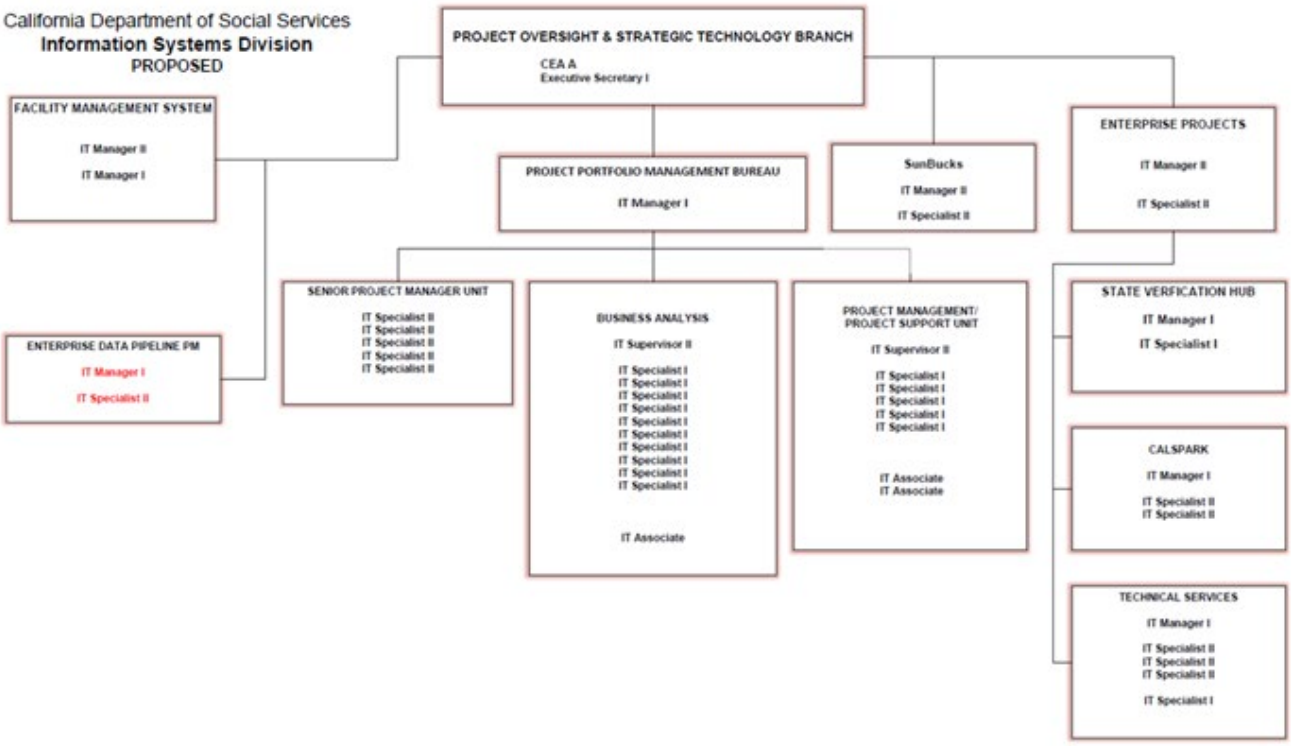
California Department of Social Services
Information Systems Division
CURRENT



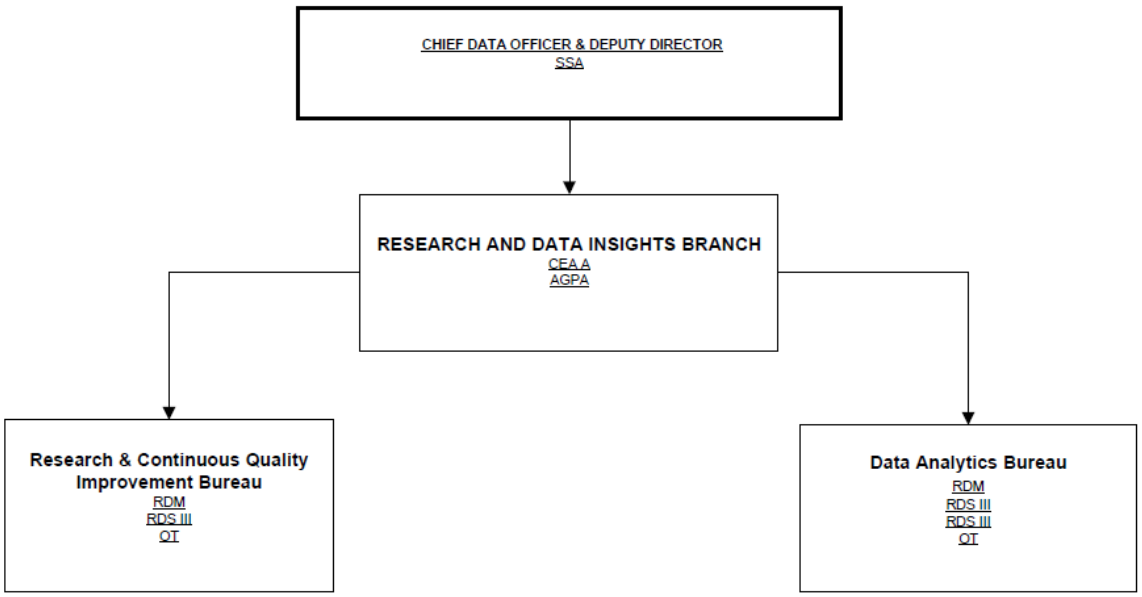
California Department of Social Services
Information Systems Division
PROPOSED



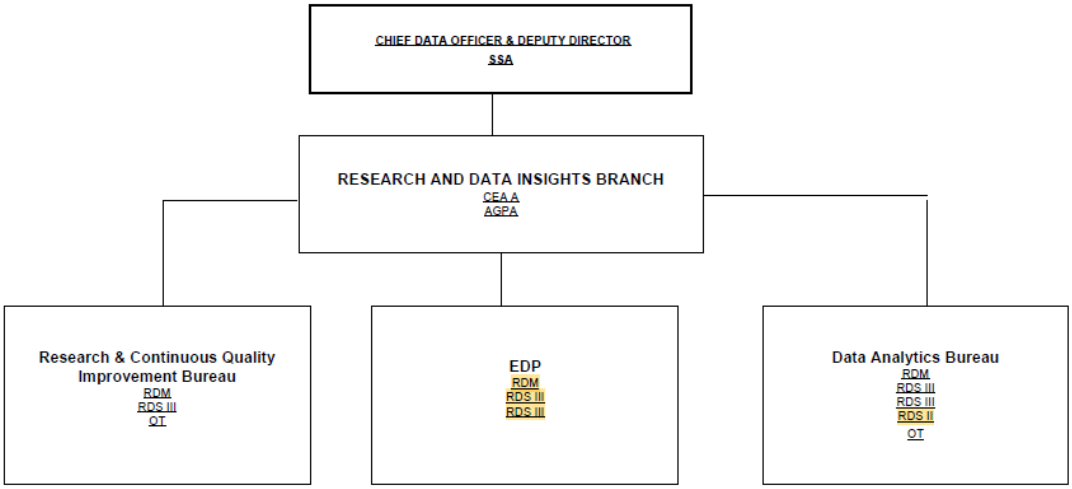
California Department of Social Services
Information Systems Division
PROPOSED



CALIFORNIA DEPARTMENT OF SOCIAL SERVICES
RESEARCH, AUTOMATION, AND DATA DIVISION ORGANIZATION CHART
EDP BCP – CURRENT



CALIFORNIA DEPARTMENT OF SOCIAL SERVICES
RESEARCH, AUTOMATION, AND DATA DIVISION ORGANIZATION CHART
EDP BCP - PROPOSED



BCP Fiscal Detail Sheet

(Dollars in Thousands)

BCP Title: Enterprise Data to Avoid Federal Fiscal Penalties

BR Name: 5180-012-BCP-2026-GB

Budget Request Summary

Personal Services

Personal Services	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
Salaries and Wages Earnings - Permanent	0	1,283	1,283	1,283	1,283	1,283
Total Salaries and Wages	**$0**	**$1,283**	**$1,283**	**$1,283**	**$1,283**	**$1,283**
Total Staff Benefits	0	837	837	837	837	837
Total Personal Services	**$0**	**$2,120**	**$2,120**	**$2,120**	**$2,120**	**$2,120**

Operating Expenses and Equipment

Operating Expenses and Equipment	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
5301 - General Expense	0	99	33	33	33	33
5302 - Printing	0	11	11	11	11	11
5304 - Communications	0	22	22	22	22	22
5306 - Postage	0	11	11	11	11	11
5320 - Travel: In-State	0	33	33	33	33	33
5322 - Training	0	22	22	22	22	22
5324 - Facilities Operation	0	99	99	99	99	99
5326 - Utilities	0	11	11	11	11	11
5344 - Consolidated Data Centers	0	132	132	132	132	132
5346 - Information Technology	0	99	99	99	99	99
539X - Other	0	11	11	11	11	11
Total Operating Expenses and Equipment	**$0**	**$550**	**$484**	**$484**	**$484**	**$484**

Total Budget Request

Total Budget Request	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
Total Budget Request	**$0**	**$2,670**	**$2,604**	**$2,604**	**$2,604**	**$2,604**

Fund Summary

Fund Source

Fund Source	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
State Operations - 0001 - General Fund	0	1,896	1,848	1,848	1,848	1,848
State Operations - 0890 - Federal Trust Fund	0	774	756	756	756	756
Total State Operations Expenditures	**$0**	**$2,670**	**$2,604**	**$2,604**	**$2,604**	**$2,604**
Total All Funds	**$0**	**$2,670**	**$2,604**	**$2,604**	**$2,604**	**$2,604**

Program Summary

Program Funding

Program Funding	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
4270037 - County Administration and Automation Projects	0	2,670	2,604	2,604	2,604	2,604
Total All Programs	**$0**	**$2,670**	**$2,604**	**$2,604**	**$2,604**	**$2,604**

Personal Services Details

Salaries and Wages

Salaries and Wages	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
1402 - Info Tech Spec I (Eff. 07-01-2026)	0	330	330	330	330	330
1405 - Info Tech Mgr I (Eff. 07-01-2026)	0	256	256	256	256	256
1414 - Info Tech Spec II (Eff. 07-01-2026)	0	242	242	242	242	242
5740 - Research Data Mgr (Eff. 07-01-2026)	0	126	126	126	126	126
5758 - Research Data Spec II (Eff. 07-01-2026)	0	103	103	103	103	103
5770 - Research Data Spec III (Eff. 07-01-2026)	0	226	226	226	226	226
Total Salaries and Wages	**$0**	**$1,283**	**$1,283**	**$1,283**	**$1,283**	**$1,283**

Staff Benefits

Staff Benefits	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
5150150 - Dental Insurance	0	11	11	11	11	11
5150200 - Disability Leave - Industrial	0	11	11	11	11	11
5150350 - Health Insurance	0	125	125	125	125	125
5150400 - Life Insurance	0	11	11	11	11	11
5150450 - Medicare Taxation	0	22	22	22	22	22
5150500 - OASDI	0	84	84	84	84	84
5150600 - Retirement - General	0	123	123	123	123	123
5150630 - Retirement - Public Employees - Miscellaneous	0	287	287	287	287	287
5150750 - Vision Care	0	11	11	11	11	11
5150800 - Workers' Compensation	0	11	11	11	11	11
5150900 - Staff Benefits - Other	0	141	141	141	141	141
Total Staff Benefits	**$0**	**$837**	**$837**	**$837**	**$837**	**$837**

Total Personal Services

Total Personal Services	FY26 Current Year	FY26 Budget Year	FY26 BY+1	FY26 BY+2	FY26 BY+3	FY26 BY+4
Total Personal Services	**$0**	**$2,120**	**$2,120**	**$2,120**	**$2,120**	**$2,120**