

County IT Projects

Quarterly Progress Report

2nd Quarter, FY18-19

October 1 – December 31, 2018



The Quarterly OC Information Technology (OCIT) Project Progress Report provides the status of all County IT projects with a budget of \$150,000 or more and/or that have been identified as meriting Board of Supervisors attention.

The IT projects included in this report reflect the County's ongoing commitment to align IT with the County's business values. Projects included in the portfolio cover the upgrade or replacement of aging infrastructure and near-obsolete or end-of-life systems as well as investment in new technology and platforms. These projects also enhance the County's ability to maintain critical business operations, improve productivity, and deliver more and better services to constituents.

In addition to the status of these projects, this report describes the County's IT project performance trends over the last 12 quarters.

Highlights



At a Glance

The report has been enhanced to show data for the last 12 quarters (previous reports showed only last four quarters).

The number of projects in this reporting period is 28, one fewer than in the last quarter. The total budget increases to \$56,130,250 from \$53,215,291. All of the active projects are within budget. One active project, the Property Tax System Re-platform, is experiencing critical schedule delay. Of the six projects completed during this reporting period, four were on time and two were late.



Accomplishment

Among the projects that have been completed during this reporting period include the following:

Boardroom Audio and Video System Upgrade: All equipment was replaced, installed, tested, and rolled out – on time and within budget.

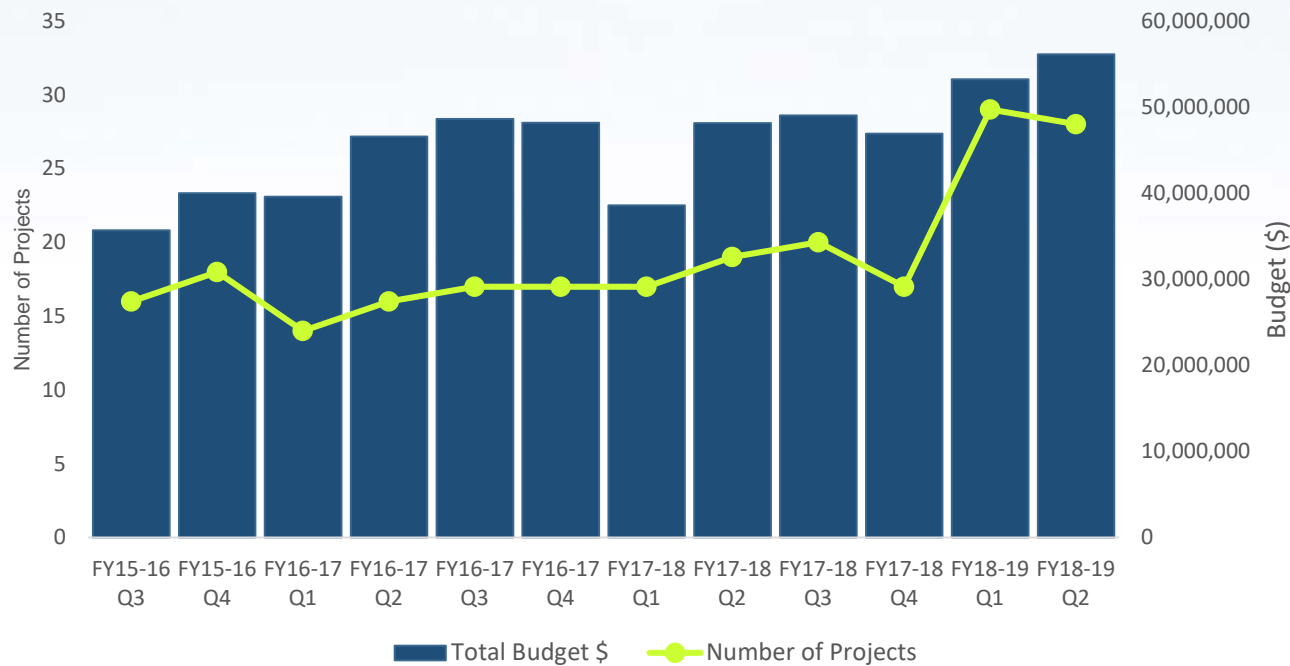
OC Public Works Land Management System: The project met the new target date and completed Go-Live in January 2019. The system is now under post-implementation support.

Pilot of Software Defined Network technology: The solution has been put in place at the OC Data Center and will allow the County to simplify data center network management and provisioning, provide more granular security, and realize potential future savings in operating and hardware costs.

Voice and Data Network Transformation: The transformation was completed at all in-scope County sites. "Go to Green" site verification was conducted to ensure required decommission and cleanup tasks are completed.

IT Portfolio Size and Budget

This chart depicts the County's IT project portfolio size and budget trends over the last 12 quarters.

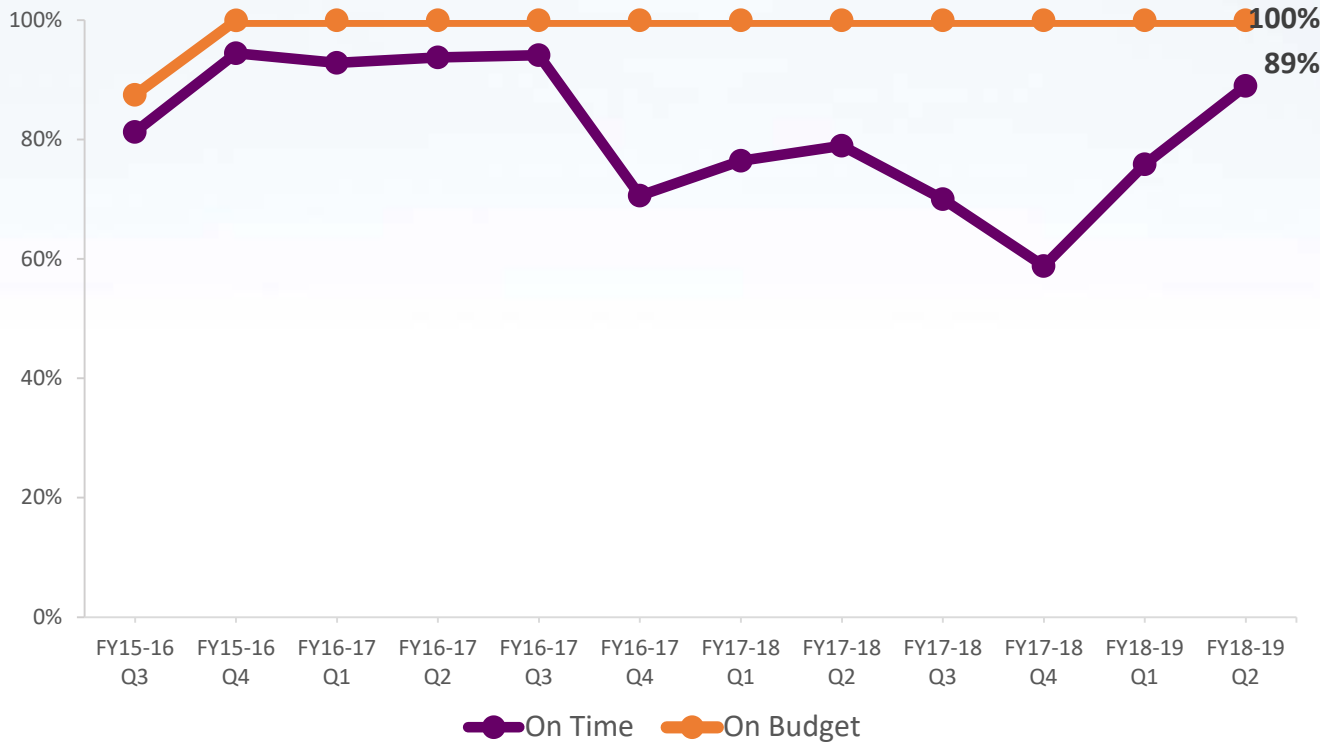


The number of projects decreases to 28 this quarter from 29 in last quarter. Project data from the last 12 quarters show an average of 21.25 and a median of 19.5 projects.

This quarter's budget increased by \$2,914,960 (5%).

The chart above reflects projects that were active or completed during each quarter.

This chart depicts the County’s IT project schedule and budget performance trends over the last 12 quarters.



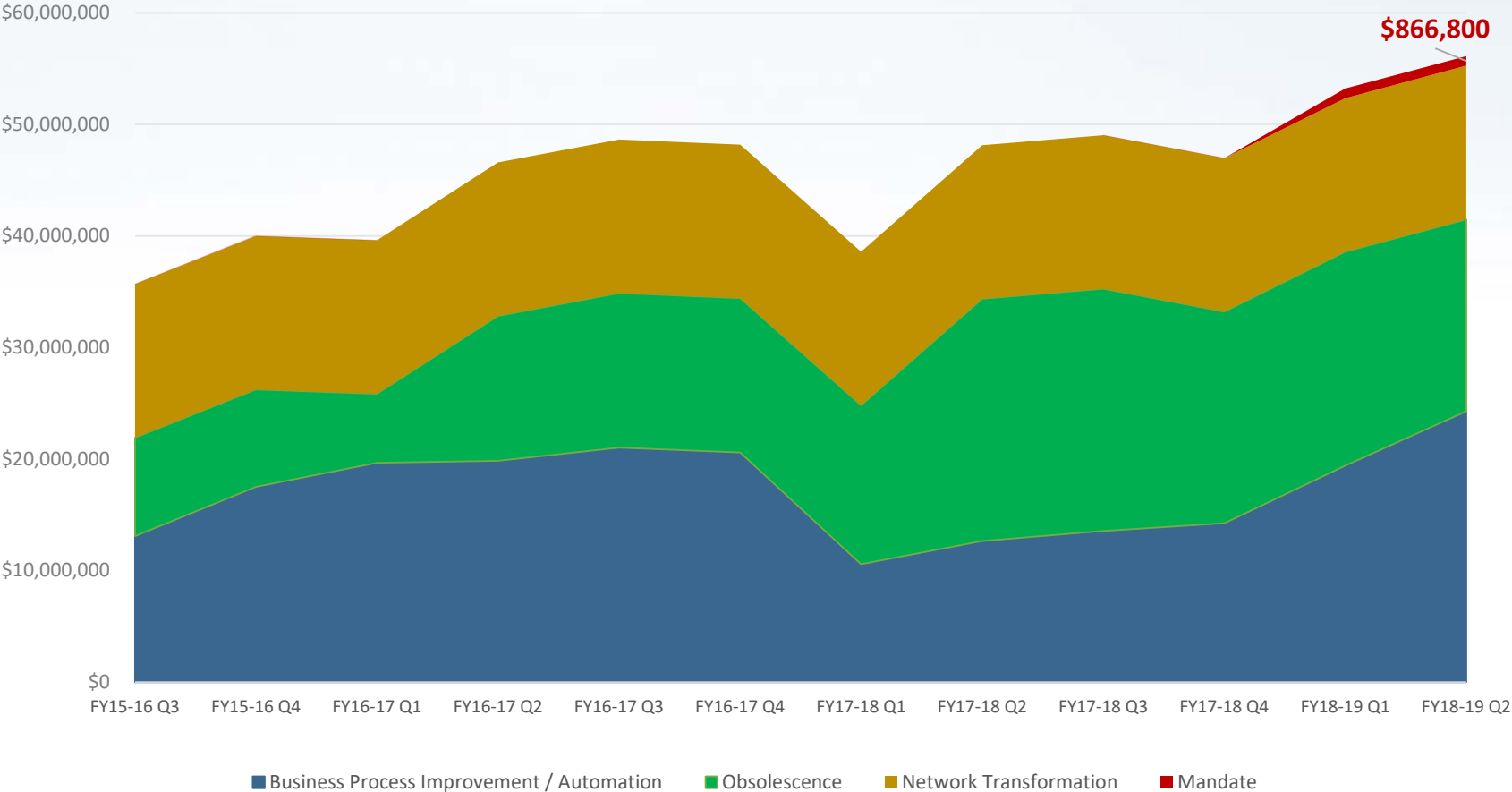
All projects have stayed within budget throughout the last 11 quarters.

The three projects that are more than 20% over schedule include the Property Tax System Re-platforming (active project), the Voice & Network Transformation (completed), and the OC Public Works Land Management System (completed).

The chart above reflects projects that were active or completed during each quarter.

The projects to improve or automate business processes account for the largest share (over 43%) of the County's IT budget this quarter.

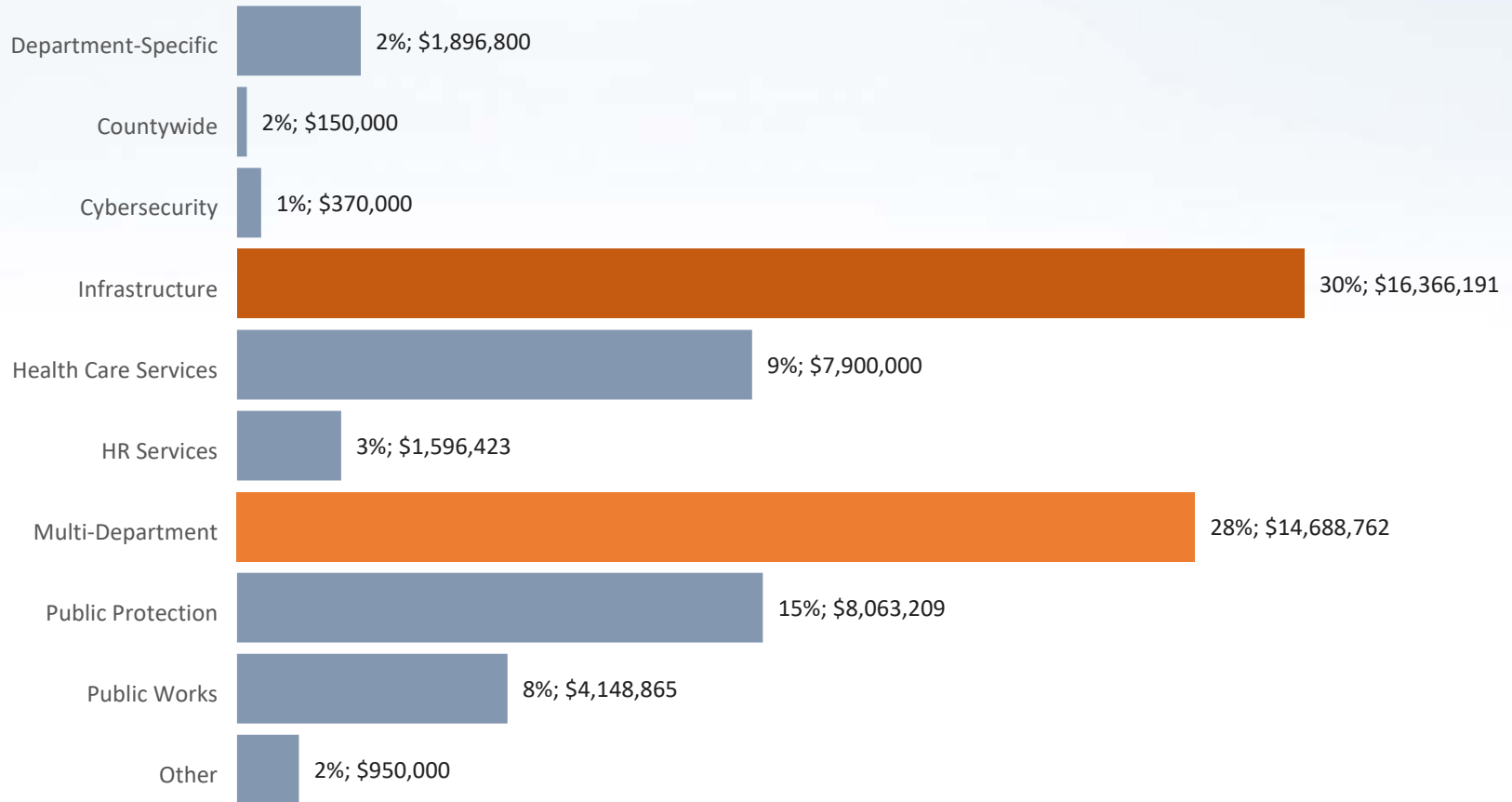
Investment by Business Justification



The chart above reflects projects that were active or completed during each quarter.

Investment by Service Area

The VoIP and Data Network Transformation project and projects that cross multiple departments account for the majority of the County's IT project investments.



The chart above reflects projects that were active or completed during the reporting period.

Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
A-C	Multi	Property Tax System - Transform the County's Property Tax System from a legacy mainframe system to an open-architecture platform.			Planned Start: 10/01/17 Planned End: 08/31/19 Budget: \$ 7,480,843 Expended: \$ 3,421,600 Encumbered: \$ 4,059,243 Balance: \$ 0 Source: General Fund	<p>Execution - Completed Phase 2 (out of 9). Phases 3 and 4 are in progress. Phase 5 was initiated.</p> <p><u>Issue:</u> Key Auditor-Controller and Treasurer-Tax Collector departmental Subject Matter Experts are retiring in March. The departments are working with the CEO's Office to bring these resources back in part-time "Extra Help/Retiree" positions. An ASR will be submitted for Board approval in February.</p> <p><u>Issue:</u> The schedule has been moved into a "Red" status as a result of significantly missed deliverable dates. The vendor has shown its strong commitment by adding additional resources, bringing additional resources onsite to address defects and issues in an expedited fashion, and increasing the number of weekly software releases to allow for a more rapid process of testing.</p> <p><u>Other considerations:</u> The County is further along on this effort than on any previous attempts at re-engineering the property tax system. The vendor continues to provide strong development knowledge and guidance with the legacy code transformation process. The vendor continues to deliver "high" quality code. A revised schedule is being analyzed for possibly re-baselining the project.</p>	45%

List is ordered by Managing Dept., then by Business Owner.

- * Project has been rebaselined.
- ** Project will be baselined after initiation or procurement activities are complete.

On track; within 10% of budget/schedule
 At risk; 10% - 20% over budget/schedule
 Critical: >20% over budget/schedule

Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
Assessor / OCIT	Assessor	<p>OCIT PM Support for ATS II Support Transition - Board Directive: Requested the Assessor to coordinate with OCIT for software transition and for OCIT to set up a project management office for project and to utilize OCIT to manage project from beginning to end of project; requested Assessor and OCIT to create and deliver quarterly joint progress reports; and requested the Assessor to work with OCIT to develop and maintain a formal transition plan that includes recommendations of risk mitigation.</p> <p>Success Criteria: For FY 19-20, ATS II routine support of the Assessment Tax Rolls will be entirely the County Assessor's responsibility, augmented with Level 3 support with the current maintenance vendor (Brainsharp). Level 3 support is defined as not-to-exceed 450 hours for handling only the most difficult or advanced problems.</p>			<p>Planned Start: 07/01/18 Planned End: 02/26/19</p> <p>Budget: \$ 866,800 Expended: \$ 421,998 Encumbered: \$ 413,400 Balance: \$ 31,402</p> <p>Source: General Fund</p>	<p>Closing - Substantial progress has been made and this project is jointly considered complete by the Assessor and OCIT teams. The Assessor team is confident that the County staff can independently support all operations and maintenance for ATS II by July 1, 2019. From the indicators OCIT has reviewed, the Assessor team appears to be in a position to achieve this success criteria; i.e., to be self-sufficient for operations and maintenance of ATS II. Outside of normal operations and maintenance activities, there may be additional mandated enhancements to ATS II that could require a new ATS II software enhancement project, which is not in scope for the transition project. County staff will be responsible for the Annual Roll production cycle this March/April cycle.</p> <p>The specific activities completed during this reporting period are as follows.</p> <ul style="list-style-type: none"> - Using the detailed checklist for the ATS II support transition, Assessor and OCIT completed the review and sign-off of all support aspects. OCIT relies on the Assessor team for confirmation and therefore cannot fully assess any potential gaps in support. As each item is closed, the Assessor team's approval indicates that this is a comprehensive representation of the transition that is needed for this area. - Monitored the offloading of support responsibilities from the vendor to County employees during monthly meetings between Assessor and OCIT to ensure increasingly less reliance on vendor for technical activity and involvement for key support. - Interviewed new team members who personally validated that they are ramped-up and are working independently from vendor. 	100%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.



On track; within 10% of budget/schedule



At risk; 10% - 20% over budget/schedule



Critical: >20% over budget/schedule

Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
DA	DA	Record Management System - Implement a fully integrated public safety information system that has mobile or wireless capabilities to replace the manual tracking of case/unit information within the District Attorney Bureau of Investigation (BOI).	**	**	Planned Start: 07/01/18 Planned End: TBD Budget: \$ 513,332 Expended: \$ 0 Encumbered: \$ 0 Balance: \$ 513,332 Source: General Fund	Initiation - No change from the previous report. Project was put on hold between November and January. The DA has restarted working on the project.	0%
HCA	HCA	Business Intelligence & Analytics - Implement a system to allow for agency-wide data mining, analytics, online analytical processing, monitoring, visibility and presentation of key historical and predictive modeling based data. System benefits include timely availability of key information, decision support systems, increased development and standardization of best practices, performance and outcomes measurement and improvements, more efficient and meaningful collaboration, production of reliable and accurate key metrics, and increased overall data accuracy, security and governance.	**	**	Planned Start: 07/01/18 Planned End: TBD Budget: \$ 3,900,000 Expended: \$ 0 Encumbered: \$ 0 Balance: \$ 3,900,000 Source: MHSA	Initiation - Held project kick-off meeting and established project milestones, success factors, visualization and options. Kicked off discussion on enterprise data warehouse and data governance. Developed high-level architecture diagram. Next steps include having workgroup provide use cases, identifying existing sources of clinical/Protected Health Information (PHI) data and the applications that utilize this data that could be good candidates for inclusion in the enterprise data warehouse, developing scope of work for potential RFP or sole source for vendor/production selections, identifying potential vendors for best-fit models to Behavioral Health needs.	4%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.



On track; within 10% of budget/schedule



At risk; 10% - 20% over budget/schedule



Critical: >20% over budget/schedule

Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
HCA	HCA	Electronic Health Records (EHR) Interoperability - Implement a solution for EHR with behavioral health service contract providers and other partners to provide better integration of services and sharing of key clinical and financial data, resulting in better care coordination, elimination of duplicate data entry and maintenance, easier collaborations and transitions of care amongst the provider community, and access to a more comprehensive clinical dataset for shared clients.	**	**	Planned Start: 07/01/18 Planned End: TBD Budget: \$ 3,750,000 Expended: \$ 0 Encumbered: \$ 0 Balance: \$ 3,750,000 Source: MHSA	Initiation - Continue to define and complete data exchange requirements with Behavioral Health contract providers. Board of Supervisors' approval is planned for February for OCPHRIO (One California Partnership Regional Health Information Organization) to provide data exchange services. Other planned activities include kickoff meeting with OCPHRIO; establishment of project milestones and tasks, success factors, and metrics to be tracked; and definition of other aspects of interoperability with business partners. Project team will also consider potential impact of other County's data sharing initiatives and continue collaboration and communication with all stakeholders.	10%
HCA	HCA	ePrescription for Controlled Substances - Implement system to enable physicians to electronically prescribe controlled substances including opioids through the electronic health record system. This replaces the use of paper prescriptions, decreases risk of fraud and abuses of controlled substances, enables interaction checks and medication alerts, increases accuracy, efficiency, and promotes overall safety and quality of care.			Planned Start: 07/01/18 Planned End: 06/30/19 Budget: \$ 250,000 Expended: \$ 0 Encumbered: \$ 0 Balance: \$ 250,000 Source: MHSA	Initiation - Completed requirements gathering and workflow impact analysis; developed project plan and milestones; performed resource assignment. Next steps include kick-off meeting and beginning the design and build of the workflows. Risk: There is another large in-process system upgrade project that may impact resource and system availability. That upgrade is expected to be complete in March 2019. The project team will continue to monitor the situation and create a mitigation plan if needed.	0%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.

■ On track; within 10% of budget/schedule

■ At risk; 10% - 20% over budget/schedule

■ Critical: >20% over budget/schedule

IT Project Dashboard (5 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
HRS/OCIT	HRS	Integrated Talent Management System - Implement a pilot of an integrated system for performance management and learning management.			Planned Start: 07/01/15 Planned End: 06/30/21 Budget: \$ 1,596,423 Expended: \$ 183,165 Encumbered: \$ 241,453 Balance: \$ 1,171,805 Source: General Fund/Dept.	Execution - Completed discovery phase. Began system design phase. Completed requirements for inbound data feed and handed off for development. Completed Single-Sign-On in pilot mode. Began configuration of the learning management module. The vendor added an addendum to the Scope of Work (SOW) in order to align with its processes. This addendum was reviewed by the County's core team to confirm that the changes did not alter the SOW terms; it is now with County Counsel for sign-off.	35%
JWA	JWA	Network Redesign for John Wayne Airport - Implement a new network infrastructure, using the latest industry standard and technology, to address increasing network traffic volume, eliminate network congestion issues, and provide system redundancy.	**	**	Planned Start: 01/07/19 Planned End: TBD Budget: \$ 1,000,000 Expended: \$ 96,725 Encumbered: \$ 0 Balance: \$ 903,725 Source: JWA	Execution - Conducted project kick-off and initiation activities. Completed the planning for wall-to-wall inventory of network equipment. Next steps include obtaining Board approval for network design services, developing network design, procuring equipment, and deploying the new design. The project schedule and budget will be baselined after the contract is approved.	10%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.

On track; within 10% of budget/schedule

At risk; 10% - 20% over budget/schedule

Critical: >20% over budget/schedule

IT Project Dashboard (6 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCIT	Board CEO	County Data Integration to Aid Homelessness - Develop a technology strategy and solution recommendation to centralize data from existing sources both within the County and external to the County, which will support decision making and improve coordination of care to homeless people.			Planned Start: 09/01/18 Planned End: 12/31/18 Budget: \$ 30,000 Expended: \$ 17,000 Encumbered: \$ 0 Balance: \$ 13,000 Source: General Fund	Closing - Completed the project objectives to gather business requirements with the Data Governance Team, assess available technology, develop technical strategies with the Office of Care Coordination, and report findings and recommendations to the Board of Supervisors. This project is considered completed. Further efforts on data integration to aid homelessness will be reported as a separate project.	100%
OCIT	Multi	Software Defined Network (SDN) Pilot - Implement a pilot of the SDN technologies that allow network design to be more open and interoperable, potentially leading to lower costs and increased flexibility and control.		*	Planned Start: 07/01/17 Planned End: 11/30/18 Budget: \$ 200,000 Expended: \$ 199,622 Encumbered: \$ 0 Balance: \$ 378 Source: General Fund	Closing - Completed final configurations, testing and training.	100%
OCIT	Multi	Computerized Maintenance Management System (CMMS) - Replace the existing legacy systems with a centralized repository for all County's real estate assets, starting with OCS, OCPW and CEO/Real Estate.		*	Planned Start: 12/06/17 Planned End: 05/31/20 Budget: \$ 5,143,099 Expended: \$ 2,369,335 Encumbered: \$ 1,467,339 Balance: \$ 1,306,425 Source: General Fund	Execution - Finalized CAPS+ interface specifications for common core data. Completed manual common core data collection. Begin manual property data collection. Continue progress on business process, standard operating procedures, test scripts and training manuals for February/March 2019 go live of two (out of five) modules.	25%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.

■ On track; within 10% of budget/schedule

■ At risk; 10% - 20% over budget/schedule

■ Critical: >20% over budget/schedule

IT Project Dashboard (7 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCIT	Multi	Cybersecurity Remediation - Implement vulnerability scanning capabilities and expand security incident and event monitoring (SIEM) capabilities to allow the County to respond to audit findings on adequate log monitoring.			Planned Start: 07/01/18 Planned End: 06/30/19 Budget: \$ 511,000 Expended: \$ 7,966 Encumbered: \$ 186,358 Balance: \$ 316,676 Source: General Fund	Execution - Completed installation of solution to scan for cybersecurity vulnerabilities. Completed contract amendment to purchase additional licenses to expand security incident and event monitoring (SIEM) capabilities. Next steps include re-configuring SIEM to leverage the additional licenses and integrating with other security solutions. Risk: Transition from Atos could cause the project to experience resource limitations. Continue to work closely with resource managers to resolve resource issues and ensure resources are available.	30%
OCIT	Multi	Dark Fiber Evaluation - Investigate the feasibility and anticipated cost savings associated with installing a dark fiber network between the downtown area and the Orange County Data Center.			Planned Start: 07/01/17 Planned End: 06/30/19 Budget: \$ 170,000 Expended: \$ 10,684 Encumbered: \$ 0 Balance: \$ 159,316 Source: General Fund	Execution - Completed Phase 1 - dark fiber evaluation for Building 16: Conducted cost/benefit analysis and made the decision to stay with regular network circuit. Finalizing Phase 2 - dark fiber evaluation for network connectivity between campus sites and OC Data Center: Completed site inventory; completed request for quotes and received vendor responses; completed network assessment; identified an equipment upgrade that is required to fully utilize the bandwidth capacity. Remaining tasks include reviewing vendor quotes for cost/benefit analysis, compiling the evaluation report, and acquiring the upgraded equipment.	75%
OCIT	Multi	Email Cryptography - Research and implement an email encryption solution at pilot departments to address the compliance requirements for the handling of transmission of privacy data and other types of sensitive information.			Planned Start: 07/01/18 Planned End: 09/30/19 Budget: \$ 250,000 Expended: \$ 16,520 Encumbered: \$ 0 Balance: \$ 233,480 Source: General Fund	Execution - Completed solution research, evaluation and selection. Began pilot for select teams within OCIT.	20%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.



On track; within 10% of budget/schedule



At risk; 10% - 20% over budget/schedule



Critical: >20% over budget/schedule

Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCIT	Multi	Enterprise CRM Strategy and Architecture - Identify an enterprise vision, governance, and/or architecture for a Countywide Constituency Management System.			Planned Start: 07/01/18 Planned End: 02/14/19 Budget: \$ 150,000 Expended: \$ 7,788 Encumbered: \$ 0 Balance: \$ 142,212 Source: General Fund	Closing - Identified and reviewed sample use cases of constituent relationship management across several County departments. Salesforce has been established as the technology standard for CRM and case management and will be considered for future CRM/case management initiatives. This project is considered closed.	100%
OCIT	Multi	Enterprise Network Redesign - Assess current network infrastructure and develop a network design that will meet the County's future business and technology needs.	**	**	Planned Start: 07/01/18 Planned End: TBD Budget: \$ 265,000 Expended: \$ 10,907 Encumbered: \$ 0 Balance: \$ 254,093 Source: General Fund	Execution - Completed requirements document and selection of pilot sites. Next steps include procurement of professional services, development of conceptual and final network diagram.	30%
OCIT	Multi	Identity Governance & Administration - Implement enterprise user provisioning capabilities and enhance synchronization with department directories.	**	**	Planned Start: 07/01/18 Planned End: TBD Budget: \$ 800,000 Expended: \$ 6,070 Encumbered: \$ 0 Balance: \$ 793,930 Source: General Fund	Initiation - Contract review is in progress. Next steps include working with impacted stakeholders on the user provisioning processes and communicating the implementation approach to the delivery teams. Project will be baselined after contract award.	7%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.



On track; within 10% of budget/schedule



At risk; 10% - 20% over budget/schedule



Critical: >20% over budget/schedule

IT Project Dashboard (9 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCIT	Multi	Project Information Management System (PIMS) - Provide a standard, countywide system to enhance the management of capital improvement projects.			Planned Start: 03/01/16 Planned End: 09/27/18 10/31/18 03/29/19 Budget: \$ 974,820 Expended: \$ 542,534 Encumbered: \$ 318,316 Balance: \$ 113,970 Source: OCPW, OCWR	Closing - Completed all deliverables in the original scope. During integration testing, the County added to the scope an additional CAPS+ Object integration and two workflows. As a result, the project schedule has been rebaselined.	98%
OCIT	Multi	Project Portfolio Management System - Implement a solution for OCIT to manage its growing IT project portfolio.			Planned Start: 07/01/18 Planned End: TBD Budget: \$ 225,000 Expended: \$ 5,358 Encumbered: \$ 0 Balance: \$ 219,642 Source: General Fund	Initiation - Conducted research of potential solutions. The Board suggested getting external assistance to help OCIT choose a tool and approved the list of Performance Auditors that can be used to identify a vendor to provide this assistance. OCIT is working on developing the scope of work for the Performance Auditors to assist with the need assessment and tool selection.	5%
OCIT	Multi	ServiceNow for Shared Services Phase I - Implement a single ticketing system to improve the Service Desk experience for Shared Services departments.			Planned Start: 07/01/17 Planned End: 06/30/19 Budget: \$ 490,000 Expended: \$ 73,558 Encumbered: \$ 0 Balance: \$ 416,442 Source: General Fund	Execution - Completed Go-Live for both CSS and OCPW. Continue working issues that have been identified for the implementation at Probation.	66%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.



On track; within 10% of budget/schedule



At risk; 10% - 20% over budget/schedule



Critical: >20% over budget/schedule

IT Project Dashboard (10 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCIT	Multi	Virtual Machine Environment Upgrade - Replace the current aging virtual server infrastructure and adding capacity.	**	**	Planned Start: 07/01/18 Planned End: TBD Budget: \$ 800,000 Expended: \$ 14,660 Encumbered: \$ 0 Balance: \$ 785,340 Source: Departments	Execution - Completed assessment of current environment. Completed request for quote and received vendor responses. Began analysis of solution options and pricing information. Risk: The majority of vendor quotes are higher than the allocated budget. The mitigation plan is to evaluate solution options and negotiate scope.	25%
OCIT	Multi	Voice & Data Network Transformation - Implement a Countywide, converged Voice and Data Network in order to eliminate duplicate circuits and maintenance costs and increase network capacity.		*	Planned Start: 09/01/13 Planned End: 06/30/18 10/31/18 12/31/18 Budget: \$ 13,765,191 Expended: \$ 11,700,413 Encumbered: \$ 2,064,779 Balance: \$ 0 Source: Departments	Closing - Completed all Transformation sites. Completed 'Go to Green' site verification to ensure required decommission and cleanup tasks are complete. Completed Quality Review Form reviews. Completion of cable installation and equipment installation at jails will take place outside of Transformation project.	100%
OCIT	Multi	Web Content Management System - Phase I - Replace the existing platform and redesign the Board sites to enhance public experience of County online information and service offerings by providing multiple online channels and formats such as web, mobile apps, mobile devices, email media and social media networks.			Planned Start: 07/01/18 Planned End: 06/30/19 Budget: \$ 350,000 Expended: \$ 17,534 Encumbered: \$ 49,000 Balance: \$ 283,466 Source: General Fund	Execution - Selected vendor. Completed onsite architecture workshop. Completed wireframe and theme design.	10%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.

On track; within 10% of budget/schedule

At risk; 10% - 20% over budget/schedule

Critical: >20% over budget/schedule

IT Project Dashboard (11 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCIT	OCPW	Lab Information Management System - Implement a solution to enhance the operations of the Orange County Environmental Resources to comply with environmental regulations, permits and standards to monitor storm water quality for multiple programs.			Planned Start: 07/01/18 Planned End: 06/30/19 Budget: \$ 167,637 Expended: \$ 9,764 Encumbered: \$ 0 Balance: \$ 157,873 Source: OCPW	Execution - Held project implementation kickoff. Completed platform development and network configuration for the solution. Installed database and system software. Next steps include finalizing business requirements and migrating legacy data.	9%
OCIT	OCSJ	Integrated Jail Management System - Replace the existing 25-year-old system currently on the Unisys mainframe.			Planned Start: 06/15/16 Planned End: 10/31/19 Budget: \$ 6,800,000 Expended: \$ 1,998,477 Encumbered: \$ 0 Balance: \$ 4,801,523 Source: General Fund	Execution - Completed the conversion of historical jail data. Validation of the data is in progress and taking longer than planned. Continued testing the latest software release. Met with OCSJ Jail Records and Courts to determine the data that will be transmitted electronically. Completed the first interface from the new system to the internal OCSJ Data Exchange server. Completed the new inmate classification form. Next steps are to continue working on configurations of the new system, data migration validation, and design of the interfaces to other systems. Budget Note: \$5M has been allocated for the project implementation. The additional estimated \$1.8M will be requested in future years to support disaster recovery of the system.	42%
OCPW	OCPW	Customer Relationship Management (CRM) / Land Management System - Implement a unified portal on the Salesforce.com CRM platform and integrate with the Land Management System.			Planned Start: 08/01/16 Planned End: 04/20/18 11/12/18 12/10/18 01/28/19 Budget: \$ 3,981,228 Expended: \$ 3,889,724 Encumbered: \$ 91,436 Balance: \$ 68 Source: OCPW	Closing - As of the end of the reporting period for 2nd quarter of FY 18-19 (December 31, 2018), the project was moving toward a new target Go-Live date of January 28, 2019. Post Q2 update: The project team met the new target date and completed Go-Live on January 28, 2019, having resolved critical defects and tickets identified for Go-Live, conducted end-to-end testing and parallel testing with existing application, performed data conversion and validation for Go-Live, and completed training. The system is now under post-implementation support. Budget Note: OCIT support of this project is included within OC Public Works' annual Shared Services budget.	100%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.



On track; within 10% of budget/schedule



At risk; 10% - 20% over budget/schedule



Critical: >20% over budget/schedule

IT Project Dashboard (12 of 12)



Managing Dept.	Business Owner	Project Description	Budget	Schedule	Schedule / Budget	Project Phase - Status as of End of Reporting Period Key Highlights Since End of Reporting Period	% Completed
OCPW/OCSD	COB	Boardroom AV System Upgrade - Upgrade the existing Crestron audio/video equipment in the Board Hearing Room.			Planned Start: 07/01/15 Planned End: 08/16/18 10/31/18 01/14/19 * Budget: \$ 950,000 Expended: \$ 866,106 Encumbered: \$ 30,924 Balance: \$ 52,970 Source: General Fund	Closing - Project went live as planned on 10/16/18. Additional change request that was added to the scope was completed on 1/14/19 as planned and within existing budget.	100%
PD	PD	Modernizing the Courtroom Wireless & Cabling - Replace end-of-life wireless and network access system.			Planned Start: 09/01/18 Planned End: 08/31/19 Budget: \$ 749,877 Expended: \$ 566,113 Encumbered: \$ 0 Balance: \$ 183,764 Source: General Fund	Execution - Held kickoff meeting with the stakeholders; finalized the design of the wireless network; complete the job walks with the cabling vendor at each of the court houses. Started gathering the quotes for the hardware, software, and professional services.	25%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Project will be baselined after initiation or procurement activities are complete.

■ On track; within 10% of budget/schedule

■ At risk; 10% - 20% over budget/schedule

■ Critical: >20% over budget/schedule

Project Landing Map

The map below depicts when project benefits are realized.

Q1 FY18-19		Q2 FY18-19 Reporting Quarter		Q3 FY18-19		Q4 FY18-19	
<ul style="list-style-type: none"> ✓ PA/PG Conservatorship System <p>Completed behind schedule</p>		<ul style="list-style-type: none"> ✓ Software Defined Network Pilot ✓ Voice & Data Network Transformation ✓ Boardroom AV System Upgrade ✓ County Data Integration to Aid Homelessness ✓ Enterprise CRM Strategy & Architecture <p>Completed behind schedule</p>		<ul style="list-style-type: none"> ▪ DA's Record Management System ▪ Project Information Management System (PIMS) ✓ Customer Relationship Management (CRM) / Land Management System ✓ OCIT PM Support for ATS II Support Transition 		<ul style="list-style-type: none"> ▪ ePrescription for Controlled Substances ▪ Cybersecurity Remediation ▪ Dark Fiber Evaluation ▪ Enterprise Network Redesign ▪ Virtual Machine Environment Upgrade ▪ ServiceNow for Shared Services ▪ Web Content Management System Phase I ▪ Lab Information Management System 	
Q1 FY19-20		Q2 FY19-20		Q3 FY19-20		Q4 FY19-20	
<ul style="list-style-type: none"> ▪ Property Tax System ▪ Email Cryptography <p>Delayed; vendor has added resources to address schedule delay.</p>		<ul style="list-style-type: none"> ▪ Integrated Jail Management System 		<ul style="list-style-type: none"> ▪ Project Portfolio Management System 		<ul style="list-style-type: none"> ▪ Computerized Maintenance Management System (CMMS) ▪ Electronic Health Records (EHR) Interoperability ▪ Identity Governance & Administration ▪ Network Redesign for JWA 	
Q1 FY20-21		Q2 FY20-21		Q3 FY20-21		Q4 FY20-21	
						<ul style="list-style-type: none"> ▪ Integrated Talent Management System ▪ Business Intelligence & Analytics 	

✓ Project benefits that have been realized.